

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032724\
 Data File : BM044779.D
 Acq On : 27 Mar 2024 15:05
 Operator : MA/JU
 Sample : PB159793BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB159793BS

Quant Time: Mar 27 15:39:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 02:28:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	179530	20.000	ng	-0.02
21) Naphthalene-d8	10.469	136	675482	20.000	ng	-0.02
39) Acenaphthene-d10	14.333	164	319866	20.000	ng	-0.02
64) Phenanthrene-d10	17.092	188	549161	20.000	ng	-0.01
76) Chrysene-d12	21.291	240	399560	20.000	ng	-0.01
86) Perylene-d12	23.538	264	489904	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.298	112	1704994	136.356	ng	0.00
7) Phenol-d6	6.875	99	2006456	124.729	ng	0.00
23) Nitrobenzene-d5	8.851	82	1247618	88.981	ng	-0.01
42) 2,4,6-Tribromophenol	15.839	330	488466	138.454	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	2195632	94.535	ng	-0.02
79) Terphenyl-d14	19.733	244	2165361	94.804	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.287	88	182588	34.741	ng	96
3) Pyridine	3.669	79	444652	30.593	ng	93
4) n-Nitrosodimethylamine	3.587	42	319582	54.867	ng	81
6) Aniline	7.028	93	343823	18.046	ng	98
8) 2-Chlorophenol	7.257	128	590910	47.446	ng	99
9) Benzaldehyde	6.845	77	60055	7.128	ng	97
10) Phenol	6.898	94	719873	44.808	ng	91
11) bis(2-Chloroethyl)ether	7.128	93	565756	43.131	ng	99
12) 1,3-Dichlorobenzene	7.575	146	632996	47.268	ng	99
13) 1,4-Dichlorobenzene	7.722	146	645624	47.835	ng	99
14) 1,2-Dichlorobenzene	8.034	146	616754	47.917	ng	99
15) Benzyl Alcohol	7.939	79	490246	46.355	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.204	45	824750	45.350	ng	98
17) 2-Methylphenol	8.134	107	459081	41.900	ng	98
18) Hexachloroethane	8.745	117	248589	49.821	ng	96
19) n-Nitroso-di-n-propyla...	8.498	70	403050	41.027	ng	93
20) 3+4-Methylphenols	8.463	107	610229	41.271	ng	97
22) Acetophenone	8.516	105	817588	46.071	ng	# 95
24) Nitrobenzene	8.892	77	626374	45.193	ng	99
25) Isophorone	9.416	82	1069784	44.221	ng	97
26) 2-Nitrophenol	9.592	139	305790	51.129	ng	# 94
27) 2,4-Dimethylphenol	9.657	122	396986	37.745	ng	97
28) bis(2-Chloroethoxy)met...	9.898	93	661744	41.192	ng	99
29) 2,4-Dichlorophenol	10.122	162	470964	46.983	ng	98
30) 1,2,4-Trichlorobenzene	10.333	180	513392	48.142	ng	100
31) Naphthalene	10.516	128	1636681	44.150	ng	100
32) Benzoic acid	9.822	122	339126	40.975	ng	96
33) 4-Chloroaniline	10.639	127	222592	14.313	ng	100
34) Hexachlorobutadiene	10.780	225	299685	50.402	ng	98
35) Caprolactam	11.451	113	112683	34.848	ng	99
36) 4-Chloro-3-methylphenol	11.774	107	459047	41.732	ng	100
37) 2-Methylnaphthalene	12.139	142	998406	39.680	ng	98
38) 1-Methylnaphthalene	12.357	142	950288	40.524	ng	99
40) 1,2,4,5-Tetrachloroben...	12.510	216	488593	53.827	ng	99
41) Hexachlorocyclopentadiene	12.469	237	490103	94.777	ng	99
43) 2,4,6-Trichlorophenol	12.757	196	319354	52.104	ng	98

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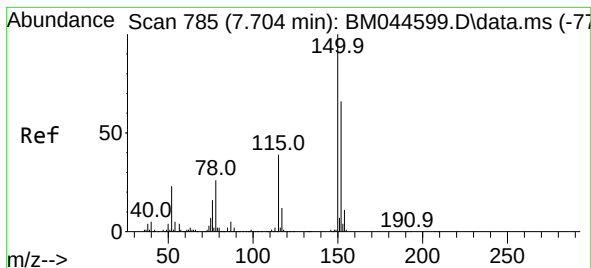
Quant Time: Mar 27 15:39:54 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.839	196	331003	45.577	ng	98
46) 1,1'-Biphenyl	13.163	154	1215655	48.593	ng	100
47) 2-Chloronaphthalene	13.204	162	943333	50.992	ng	99
48) 2-Nitroaniline	13.427	65	304276	48.475	ng	97
49) Acenaphthylene	14.057	152	1507017	50.007	ng	100
50) Dimethylphthalate	13.810	163	1048066	43.806	ng	99
51) 2,6-Dinitrotoluene	13.933	165	229611	46.086	ng	99
52) Acenaphthene	14.398	154	834247	45.794	ng	99
53) 3-Nitroaniline	14.263	138	183210	31.404	ng	98
54) 2,4-Dinitrophenol	14.480	184	261297	80.151	ng	95
55) Dibenzofuran	14.739	168	1299059	44.930	ng	98
56) 4-Nitrophenol	14.580	139	411804	85.946	ng	92
57) 2,4-Dinitrotoluene	14.727	165	303580	46.633	ng	# 88
58) Fluorene	15.392	166	1003323	44.561	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.968	232	256967	45.573	ng	99
60) Diethylphthalate	15.174	149	1018908	42.069	ng	100
61) 4-Chlorophenyl-phenylether	15.392	204	472285	43.694	ng	99
62) 4-Nitroaniline	15.433	138	227221	38.990	ng	93
63) Azobenzene	15.686	77	1066576	42.602	ng	96
65) 4,6-Dinitro-2-methylph...	15.492	198	160137	46.498	ng	97
66) n-Nitrosodiphenylamine	15.610	169	824131	48.152	ng	98
67) 4-Bromophenyl-phenylether	16.286	248	276292	48.641	ng	99
68) Hexachlorobenzene	16.392	284	321746	53.286	ng	93
69) Atrazine	16.574	200	204797	38.293	ng	99
70) Pentachlorophenol	16.745	266	400948	92.314	ng	99
71) Phenanthrene	17.133	178	1404300	46.273	ng	100
72) Anthracene	17.227	178	1401366	46.041	ng	100
73) Carbazole	17.504	167	1293600	45.125	ng	99
74) Di-n-butylphthalate	18.074	149	1554745	42.090	ng	99
75) Fluoranthene	19.156	202	1422989	41.946	ng	98
77) Benzidine	19.356	184	417891	40.467	ng	98
78) Pyrene	19.521	202	1479783	50.531	ng	99
80) Butylbenzylphthalate	20.439	149	624329	47.305	ng	96
81) Benzo(a)anthracene	21.280	228	1310932	47.153	ng	99
82) 3,3'-Dichlorobenzidine	21.221	252	445853	46.564	ng	99
83) Chrysene	21.333	228	1217353	45.824	ng	99
84) Bis(2-ethylhexyl)phtha...	21.215	149	841439	42.319	ng	98
85) Di-n-octyl phthalate	22.109	149	1462692	42.410	ng	98
87) Indeno(1,2,3-cd)pyrene	25.821	276	2056958	58.080	ng	97
88) Benzo(b)fluoranthene	22.868	252	1460114	50.715	ng	98
89) Benzo(k)fluoranthene	22.915	252	1356544	45.834	ng	98
90) Benzo(a)pyrene	23.444	252	1370844	48.817	ng	99
91) Dibenzo(a,h)anthracene	25.838	278	1709884	57.269	ng	98
92) Benzo(g,h,i)perylene	26.515	276	1709036	58.148	ng	97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.687 min Scan# 71

Delta R.T. -0.017 min

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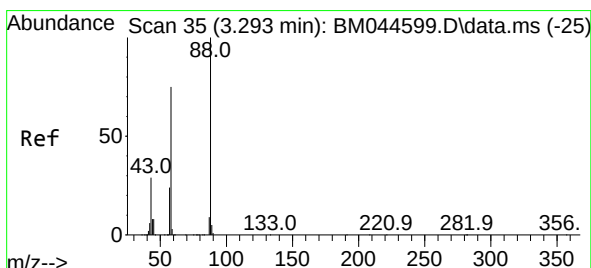
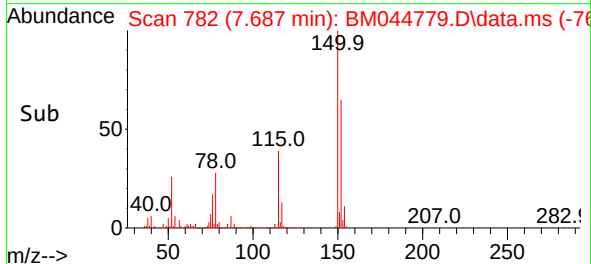
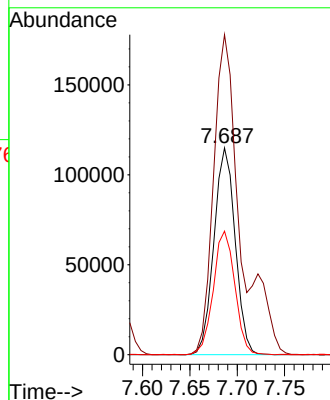
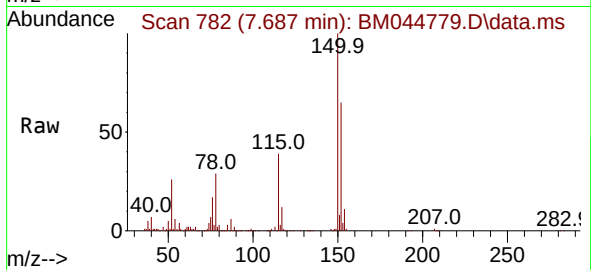
Tgt Ion:152 Resp: 179530

Ion Ratio Lower Upper

152 100

150 154.8 121.9 182.9

115 59.8 47.1 70.7



#2

1,4-Dioxane

Concen: 34.741 ng

RT: 3.287 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM044779.D

Acq: 27 Mar 2024 15:05

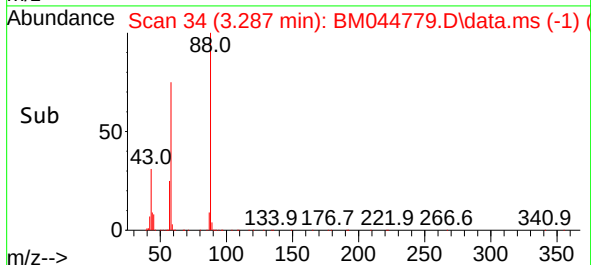
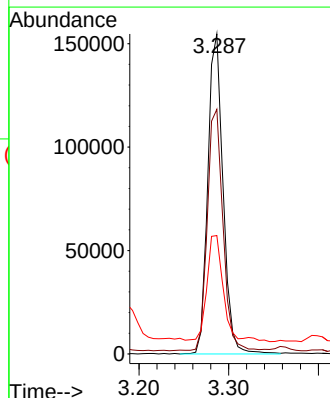
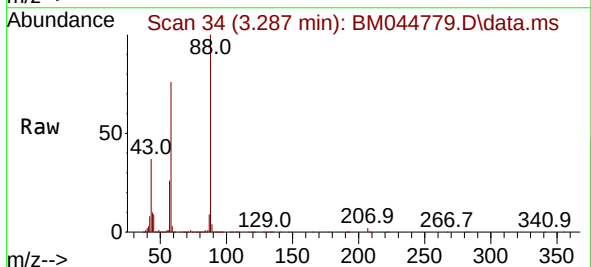
Tgt Ion: 88 Resp: 182588

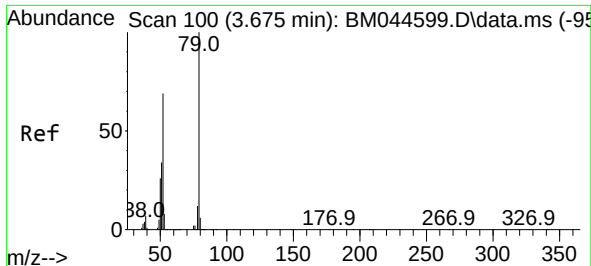
Ion Ratio Lower Upper

88 100

58 77.2 60.2 90.2

43 33.6 23.5 35.3

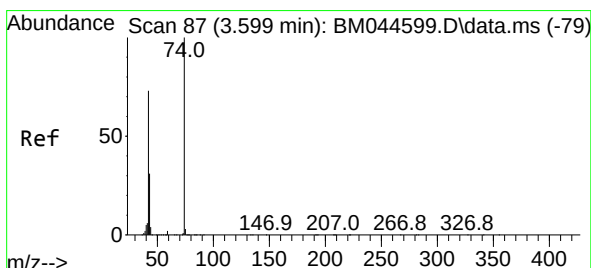
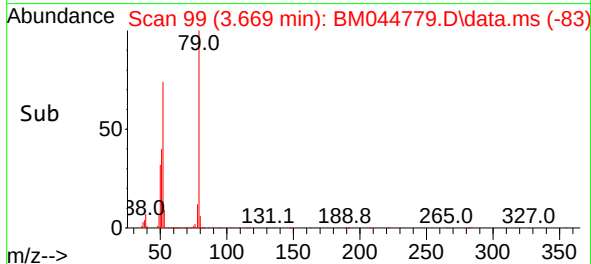
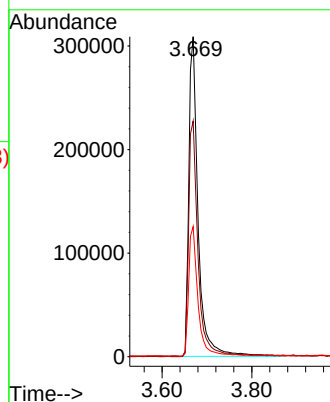
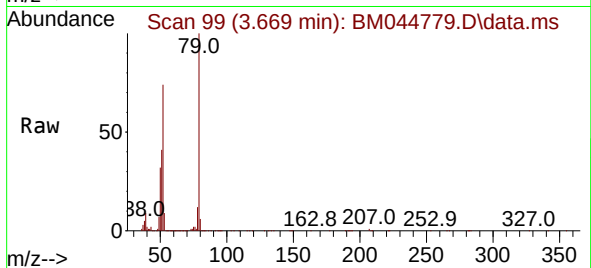




#3
 Pyridine
 Concen: 30.593 ng
 RT: 3.669 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: BM044779.D
 Acq: 27 Mar 2024 15:05

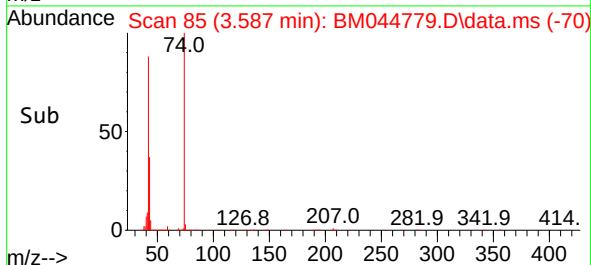
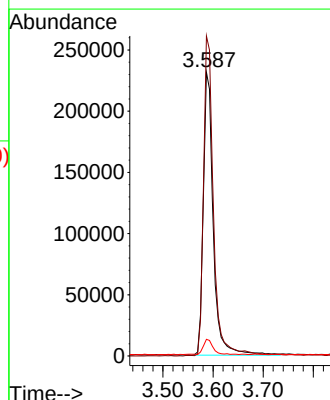
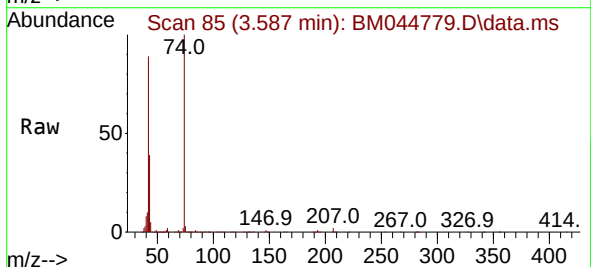
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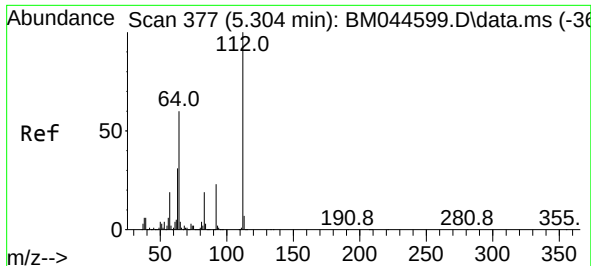
Tgt Ion: 79 Resp: 444652
 Ion Ratio Lower Upper
 79 100
 52 73.7 55.5 83.3
 51 40.6 27.7 41.5



#4
 n-Nitrosodimethylamine
 Concen: 54.867 ng
 RT: 3.587 min Scan# 85
 Delta R.T. -0.012 min
 Lab File: BM044779.D
 Acq: 27 Mar 2024 15:05

Tgt Ion: 42 Resp: 319582
 Ion Ratio Lower Upper
 42 100
 74 112.8 109.7 164.5
 44 5.9 5.4 8.0

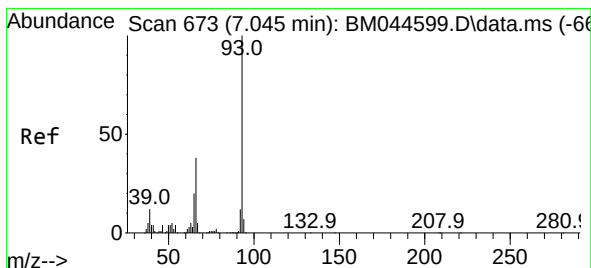
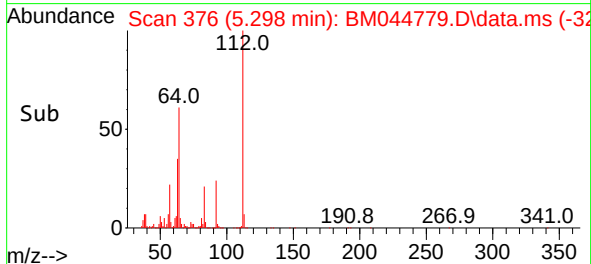
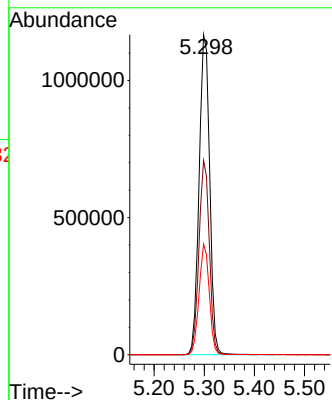
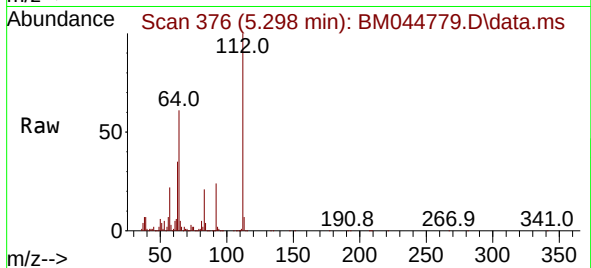




#5
2-Fluorophenol
Concen: 136.356 ng
RT: 5.298 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

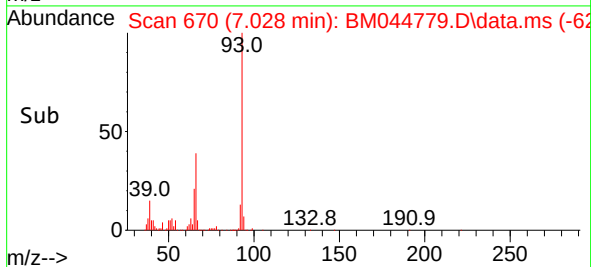
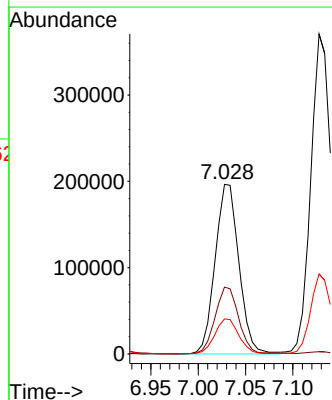
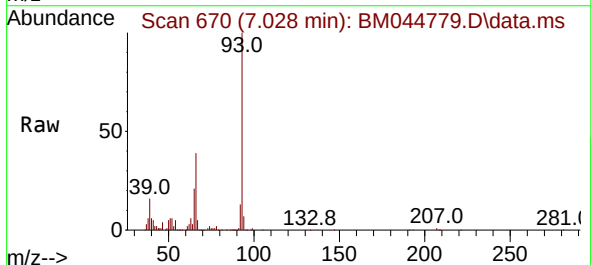
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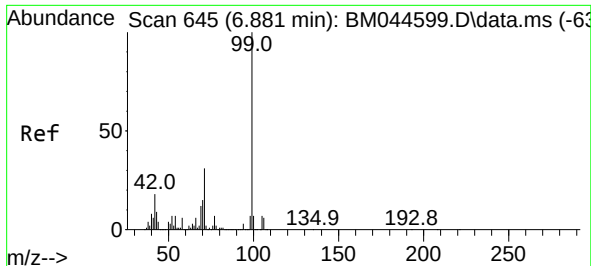
Tgt Ion:112 Resp: 1704994
Ion Ratio Lower Upper
112 100
64 60.7 47.9 71.9
63 34.5 25.0 37.4



#6
Aniline
Concen: 18.046 ng
RT: 7.028 min Scan# 670
Delta R.T. -0.018 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

Tgt Ion: 93 Resp: 343823
Ion Ratio Lower Upper
93 100
66 39.4 30.3 45.5
65 20.6 15.7 23.5

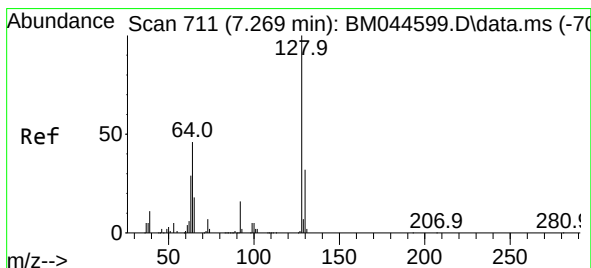
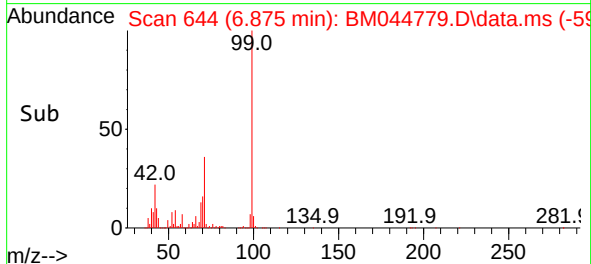
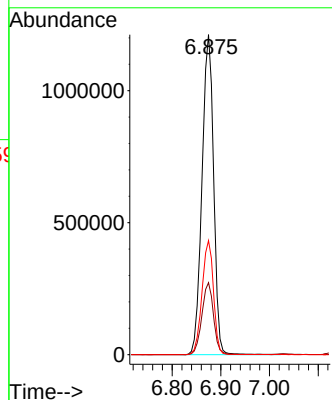
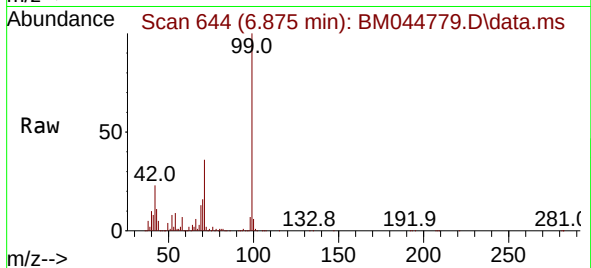




#7
Phenol-d6
Concen: 124.729 ng
RT: 6.875 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

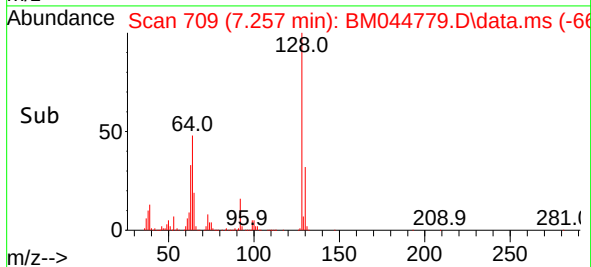
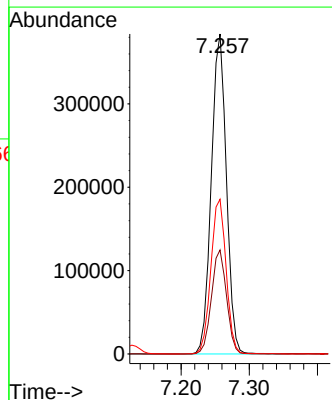
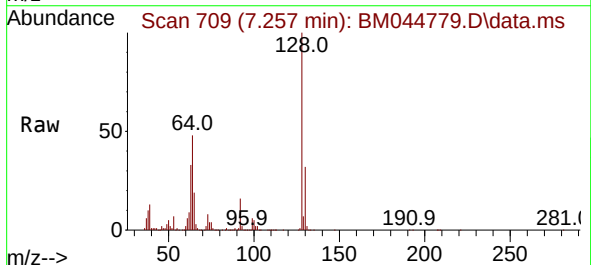
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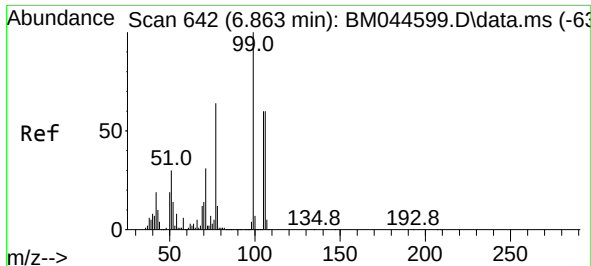
Tgt Ion: 99 Resp: 2006456
Ion Ratio Lower Upper
99 100
42 22.5 14.3 21.5#
71 35.6 24.5 36.7



#8
2-Chlorophenol
Concen: 47.446 ng
RT: 7.257 min Scan# 709
Delta R.T. -0.012 min
Lab File: BM044779.D
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Tgt Ion: 128 Resp: 590910
Ion Ratio Lower Upper
128 100
130 32.5 12.4 52.4
64 48.4 29.4 69.4

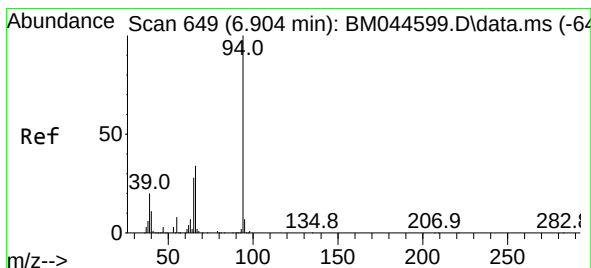
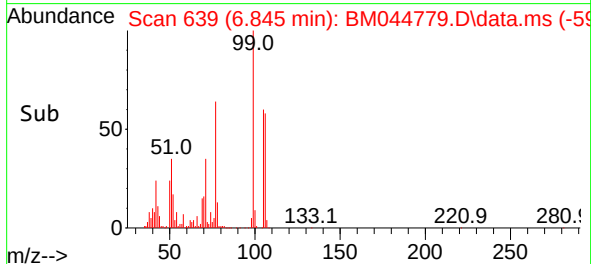
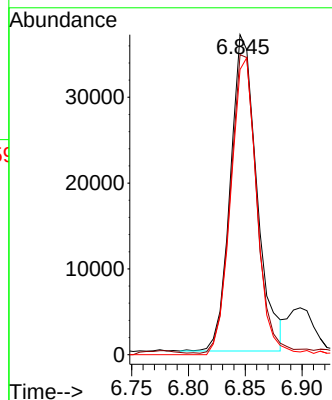
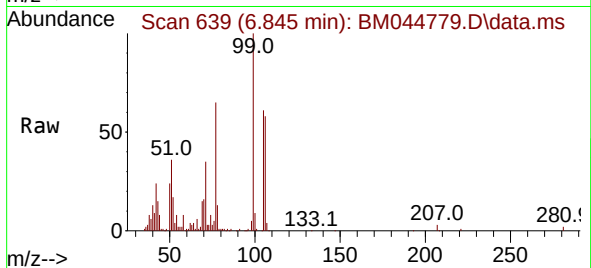




#9
Benzaldehyde
Concen: 7.128 ng
RT: 6.845 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

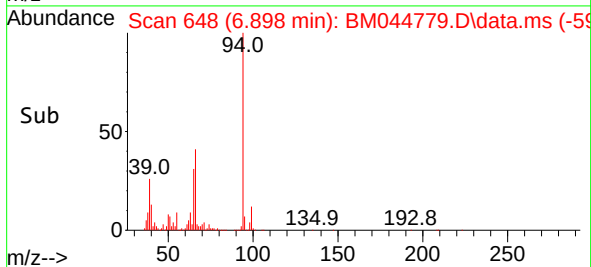
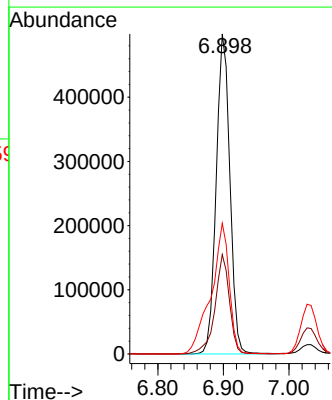
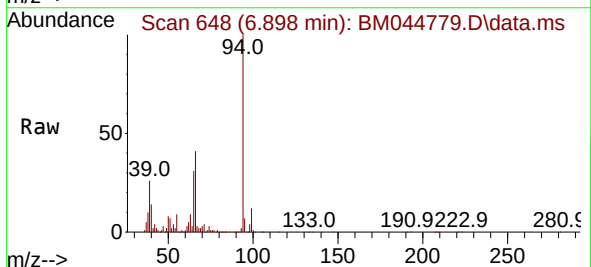
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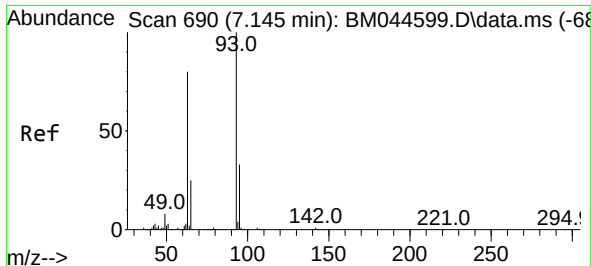
Tgt Ion: 77 Resp: 60055
Ion Ratio Lower Upper
77 100
105 93.8 74.4 114.4
106 89.1 74.1 114.1



#10
Phenol
Concen: 44.808 ng
RT: 6.898 min Scan# 648
Delta R.T. -0.006 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

Tgt Ion: 94 Resp: 719873
Ion Ratio Lower Upper
94 100
65 31.0 7.9 47.9
66 40.9 14.7 54.7

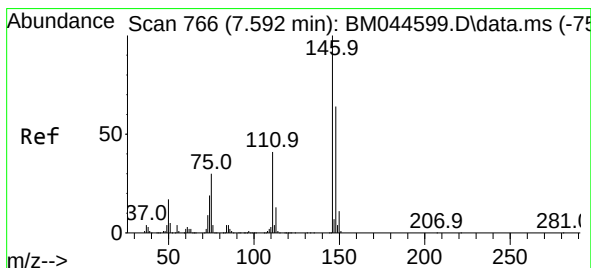
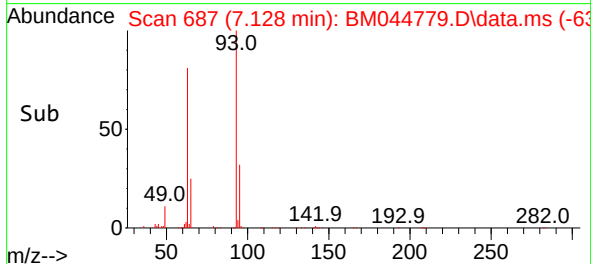
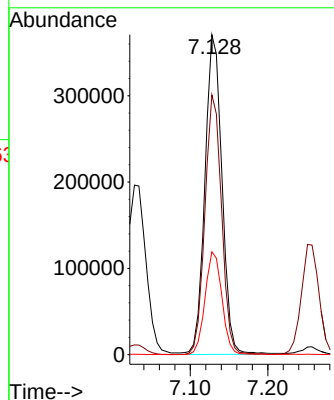
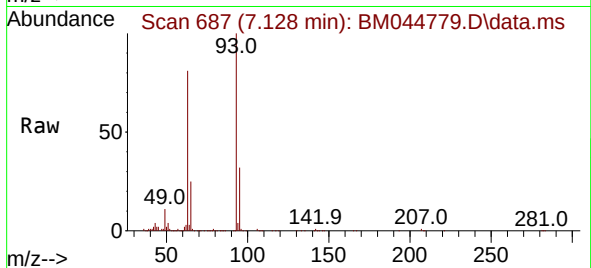




#11
bis(2-Chloroethyl)ether
Concen: 43.131 ng
RT: 7.128 min Scan# 611
Delta R.T. -0.018 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

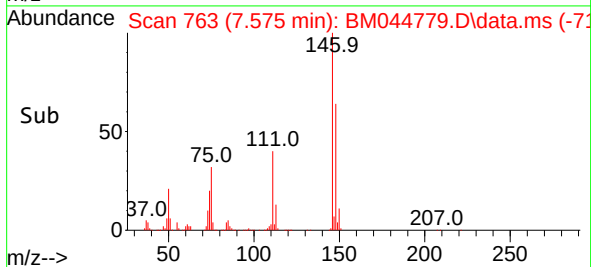
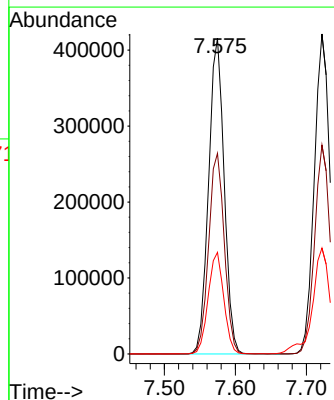
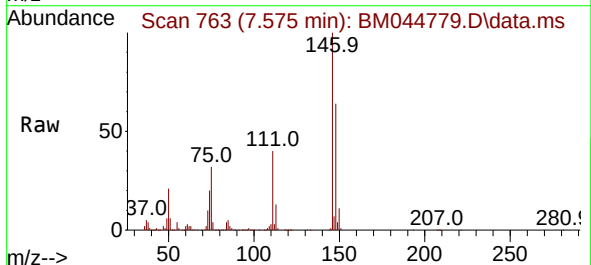
Instrument :
BNA_M
ClientSampleId :
PB159793BS

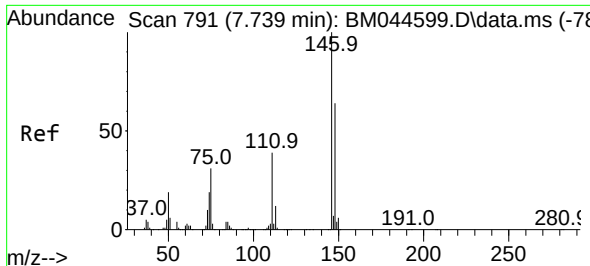
Tgt Ion: 93 Resp: 565756
Ion Ratio Lower Upper
93 100
63 81.2 59.8 99.8
95 32.2 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 47.268 ng
RT: 7.575 min Scan# 763
Delta R.T. -0.018 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

Tgt Ion: 146 Resp: 632996
Ion Ratio Lower Upper
146 100
148 63.5 50.9 76.3
75 32.2 24.1 36.1

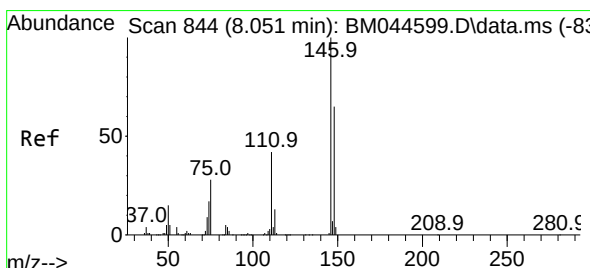
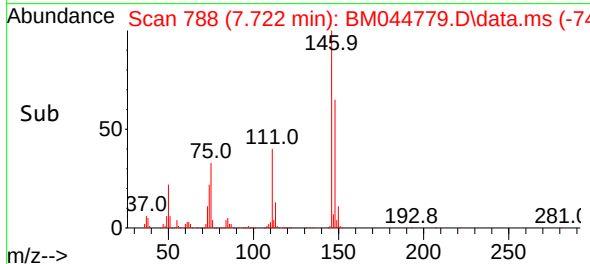
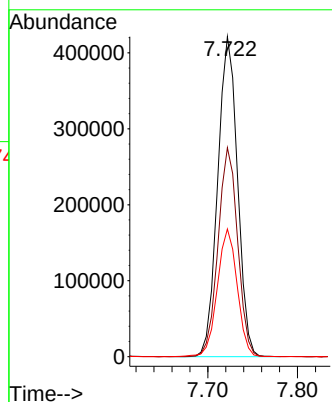
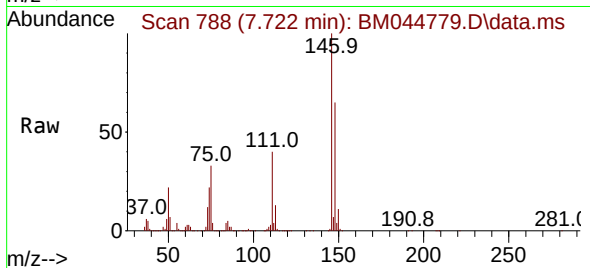




#13
1,4-Dichlorobenzene
Concen: 47.835 ng
RT: 7.722 min Scan# 791
Delta R.T. -0.018 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

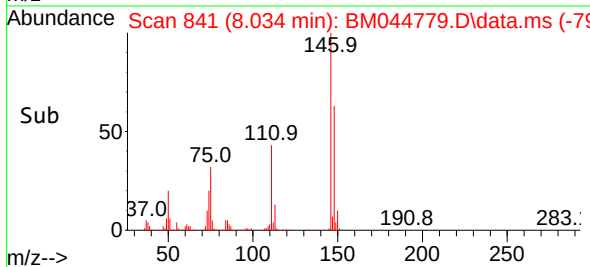
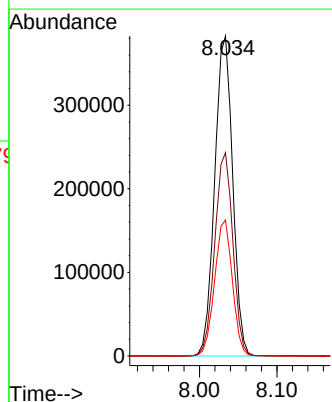
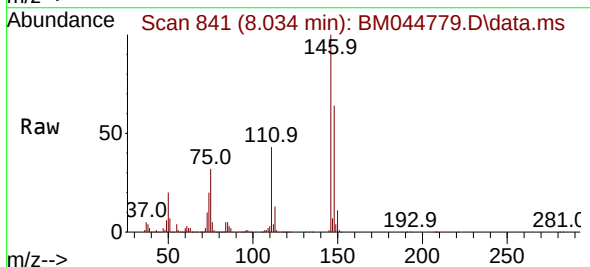
Instrument :
BNA_M
ClientSampleId :
PB159793BS

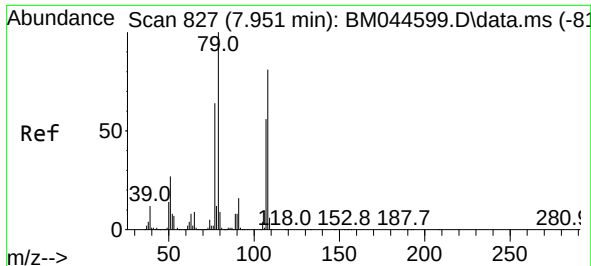
Tgt Ion:146 Resp: 645624
Ion Ratio Lower Upper
146 100
148 65.3 51.5 77.3
111 39.9 31.4 47.2



#14
1,2-Dichlorobenzene
Concen: 47.917 ng
RT: 8.034 min Scan# 841
Delta R.T. -0.018 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

Tgt Ion:146 Resp: 616754
Ion Ratio Lower Upper
146 100
148 63.5 51.8 77.8
111 42.5 33.4 50.2

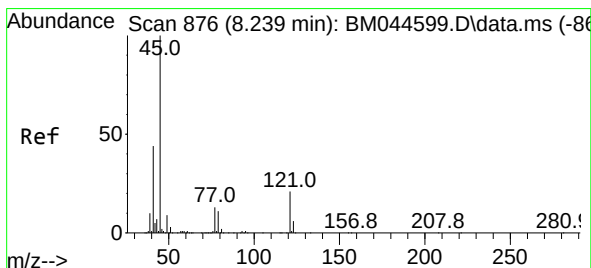
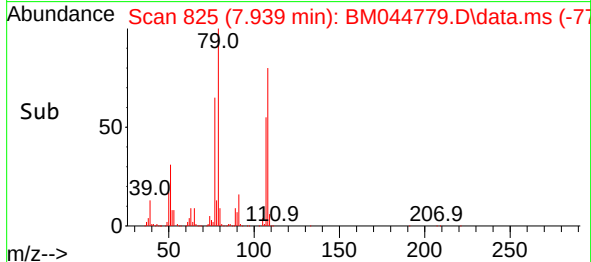
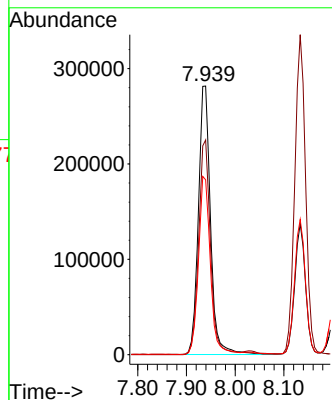
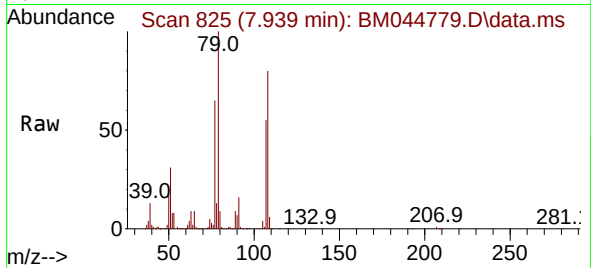




#15
Benzyl Alcohol
Concen: 46.355 ng
RT: 7.939 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

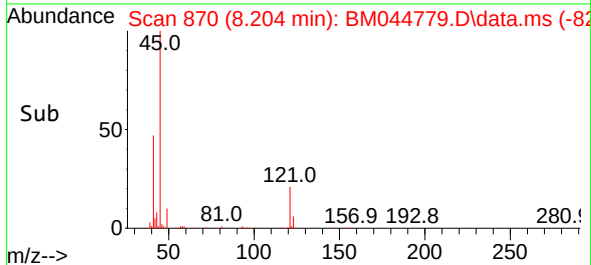
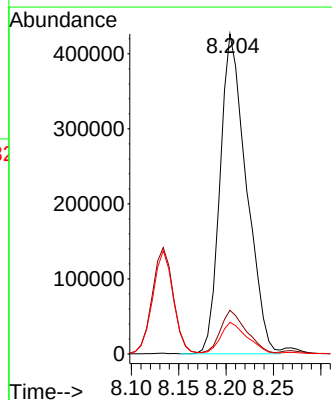
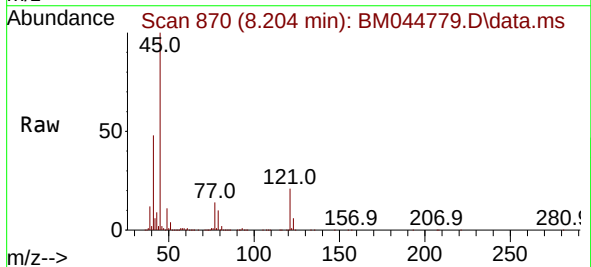
Instrument :
BNA_M
ClientSampleId :
PB159793BS

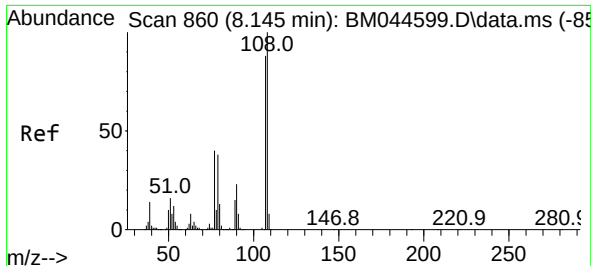
Tgt Ion: 79 Resp: 490246
Ion Ratio Lower Upper
79 100
108 79.9 65.0 97.6
77 65.1 51.7 77.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.350 ng
RT: 8.204 min Scan# 870
Delta R.T. -0.035 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

Tgt Ion: 45 Resp: 824750
Ion Ratio Lower Upper
45 100
77 13.6 0.0 33.7
79 9.9 0.0 31.2

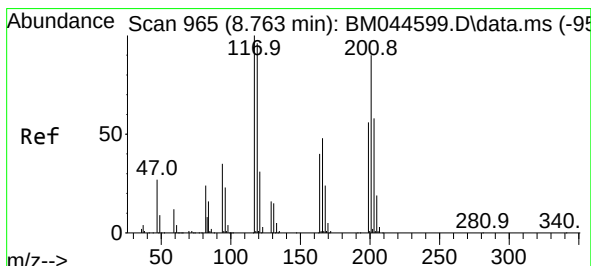
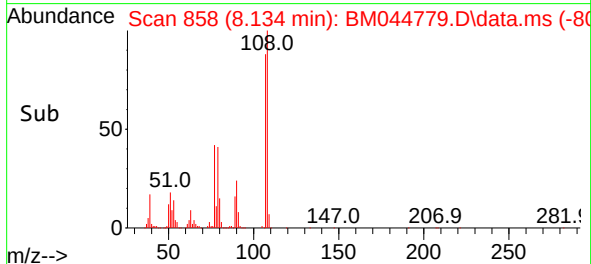
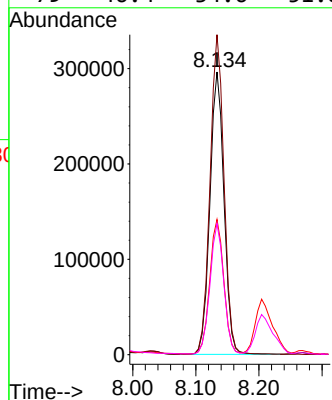
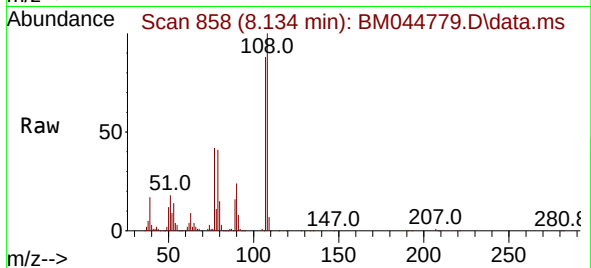




#17
2-Methylphenol
Concen: 41.900 ng
RT: 8.134 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

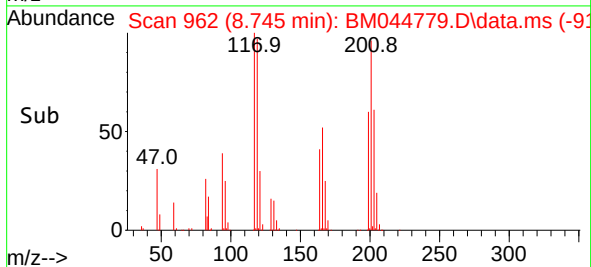
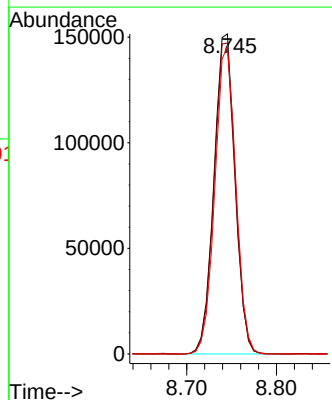
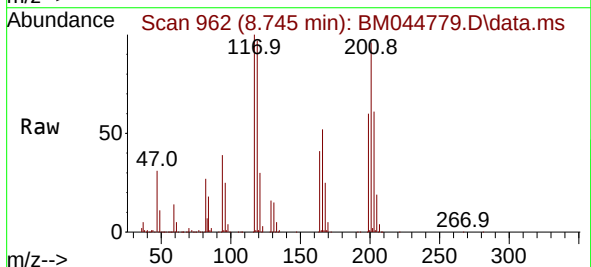
Instrument :
BNA_M
ClientSampleId :
PB159793BS

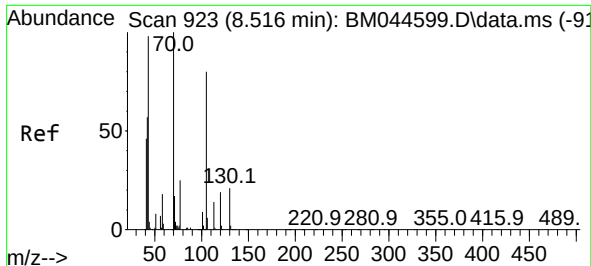
Tgt Ion:107 Resp: 459081
Ion Ratio Lower Upper
107 100
108 113.2 90.7 136.1
77 47.9 36.2 54.2
79 46.4 34.6 51.8



#18
Hexachloroethane
Concen: 49.821 ng
RT: 8.745 min Scan# 962
Delta R.T. -0.018 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

Tgt Ion:117 Resp: 248589
Ion Ratio Lower Upper
117 100
119 97.1 76.8 115.2
201 96.1 72.3 108.5





#19

n-Nitroso-di-n-propylamine

Concen: 41.027 ng

RT: 8.498 min Scan# 91

Delta R.T. -0.018 min

Lab File: BM044779.D

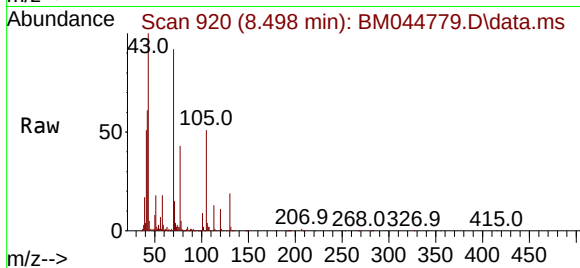
Acq: 27 Mar 2024 15:05

Instrument :

BNA_M

ClientSampleId :

PB159793BS



Tgt Ion: 70 Resp: 403050

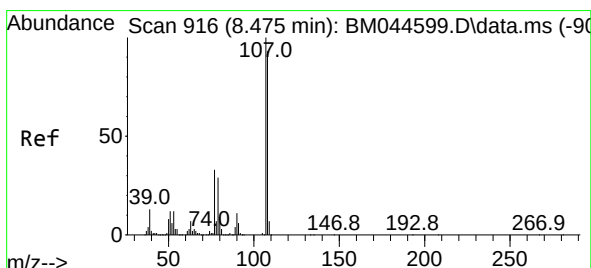
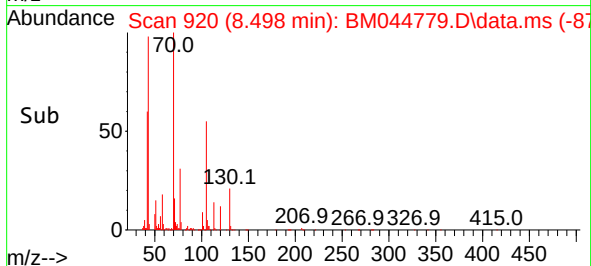
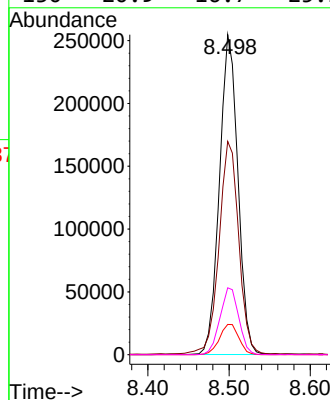
Ion Ratio Lower Upper

70 100

42 66.6 46.6 69.8

101 9.4 7.6 11.4

130 20.9 16.7 25.1



#20

3+4-Methylphenols

Concen: 41.271 ng

RT: 8.463 min Scan# 914

Delta R.T. -0.012 min

Lab File: BM044779.D

Acq: 27 Mar 2024 15:05

Tgt Ion: 107 Resp: 610229

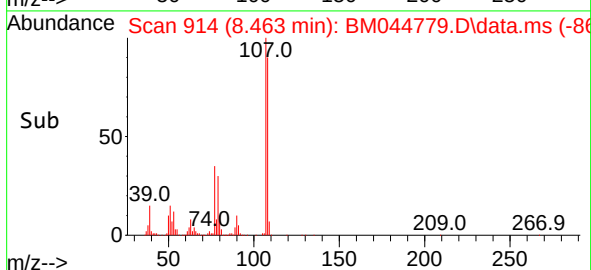
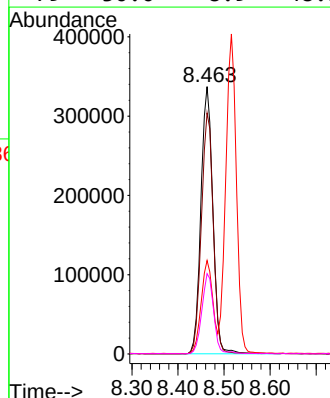
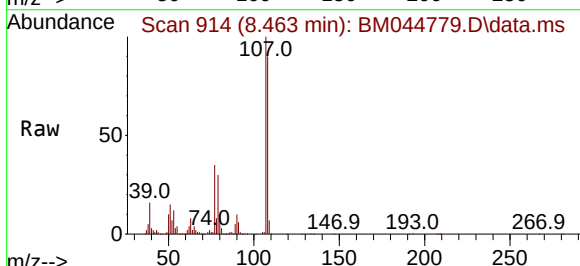
Ion Ratio Lower Upper

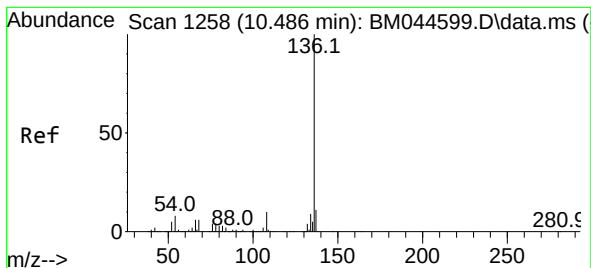
107 100

108 90.2 72.7 112.7

77 34.9 13.3 53.3

79 30.0 8.9 48.9

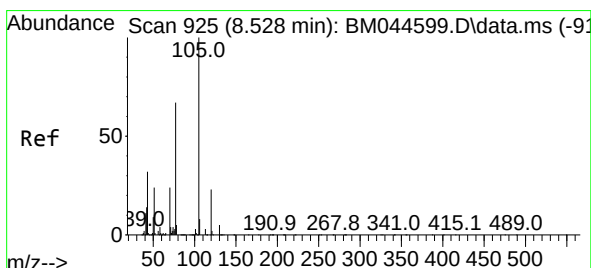
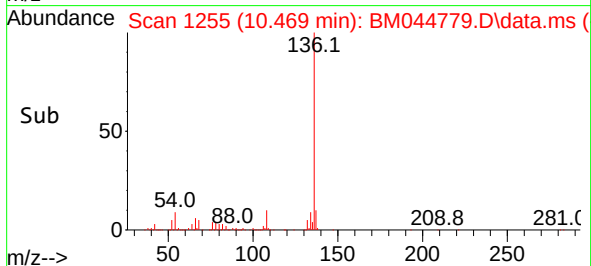
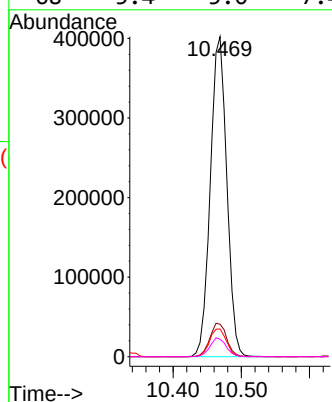
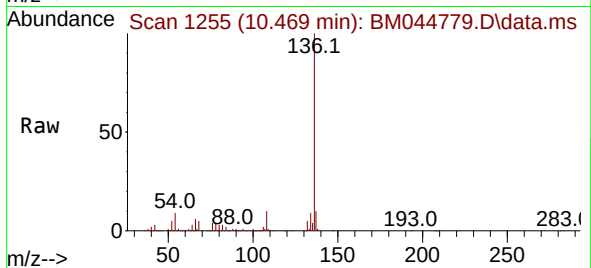




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.469 min Scan# 1255
Delta R.T. -0.018 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

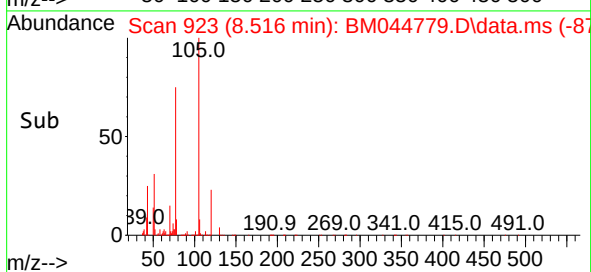
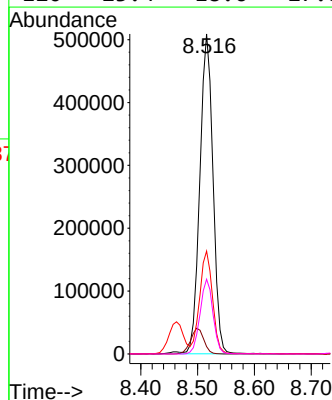
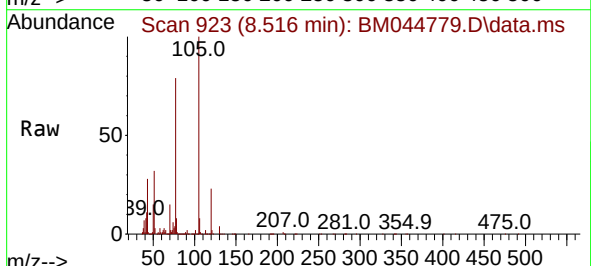
Instrument :
BNA_M
ClientSampleId :
PB159793BS

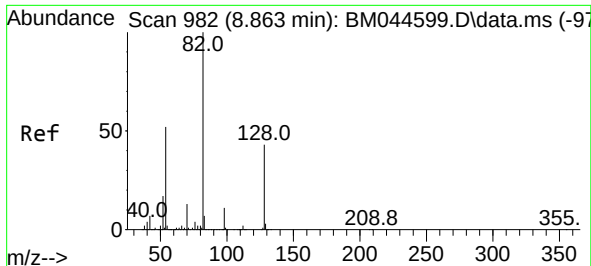
Tgt Ion:	136	Resp:	675482
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.9	13.3
54	8.7	6.6	10.0
68	5.4	5.0	7.4



#22
Acetophenone
Concen: 46.071 ng
RT: 8.516 min Scan# 923
Delta R.T. -0.012 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

Tgt Ion:	105	Resp:	817588
Ion	Ratio	Lower	Upper
105	100		
71	2.3	3.4	5.2
51	32.2	22.2	33.4
120	23.4	18.6	27.8

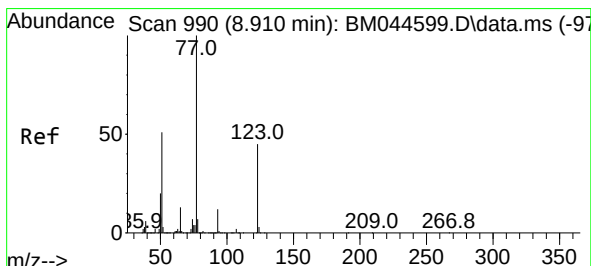
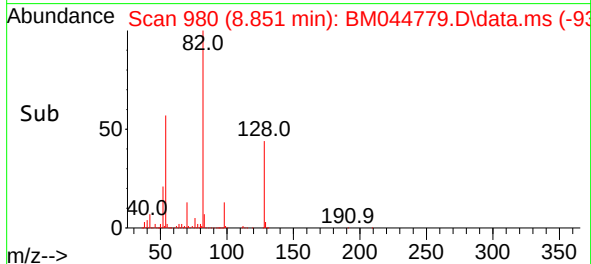
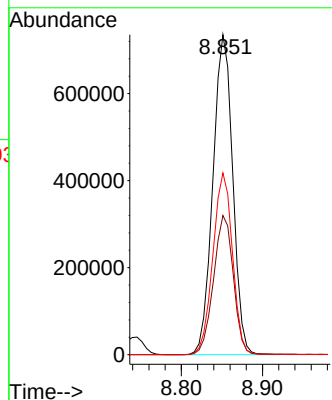
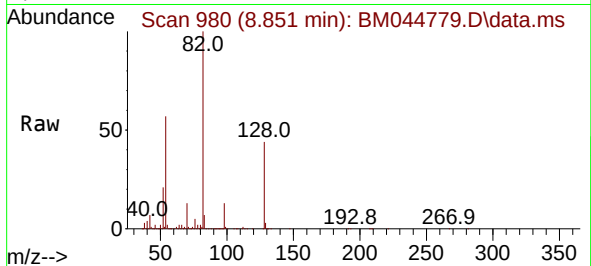




#23
Nitrobenzene-d5
Concen: 88.981 ng
RT: 8.851 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

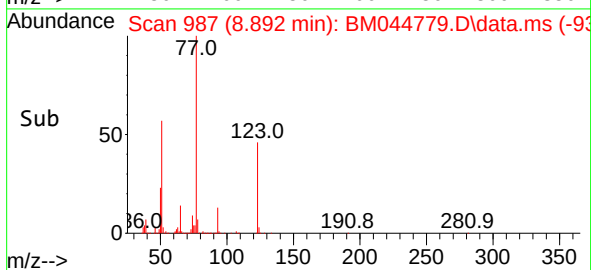
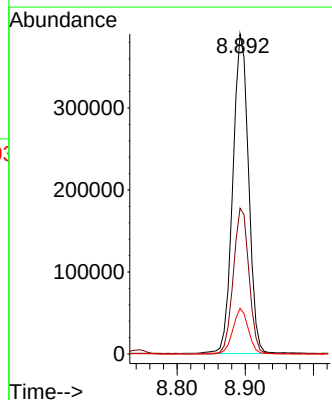
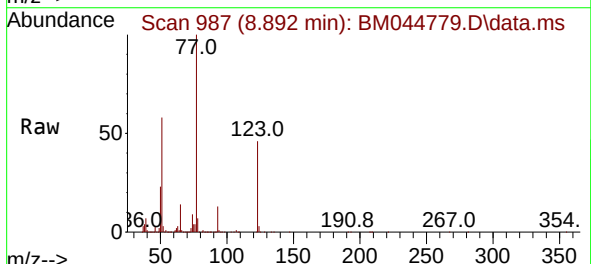
Instrument :
BNA_M
ClientSampleId :
PB159793BS

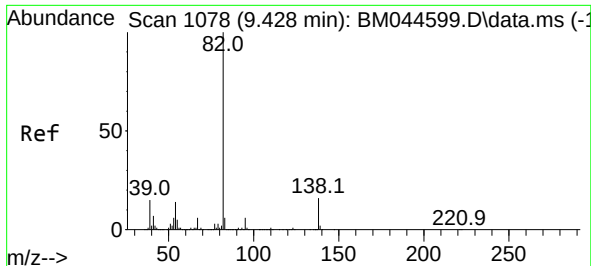
Tgt Ion: 82 Resp: 1247618
Ion Ratio Lower Upper
82 100
128 43.5 34.2 51.4
54 56.8 41.3 61.9



#24
Nitrobenzene
Concen: 45.193 ng
RT: 8.892 min Scan# 987
Delta R.T. -0.018 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

Tgt Ion: 77 Resp: 626374
Ion Ratio Lower Upper
77 100
123 45.5 35.9 53.9
65 14.3 10.7 16.1

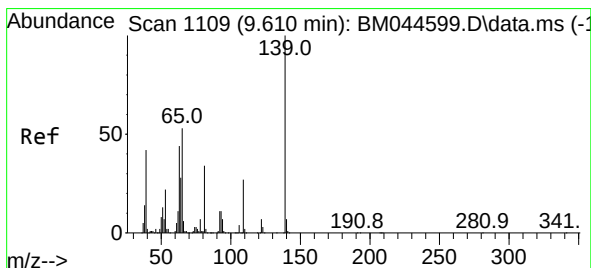
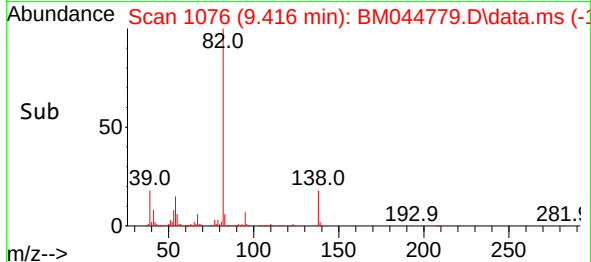
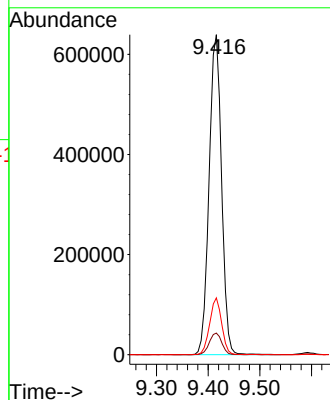
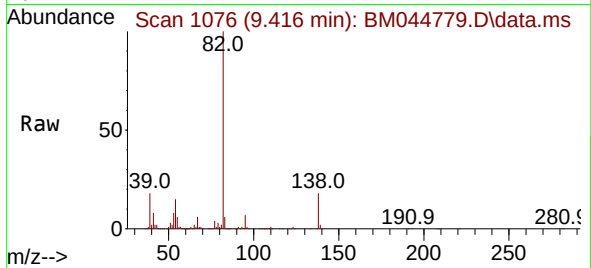




#25
Isophorone
Concen: 44.221 ng
RT: 9.416 min Scan# 1076
Delta R.T. -0.012 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

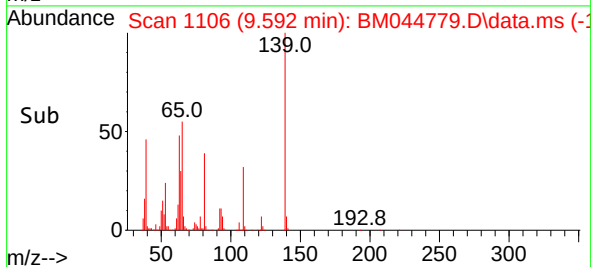
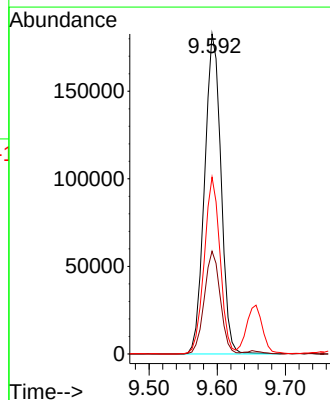
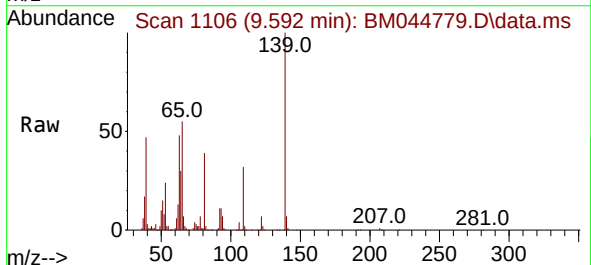
Instrument :
BNA_M
ClientSampleId :
PB159793BS

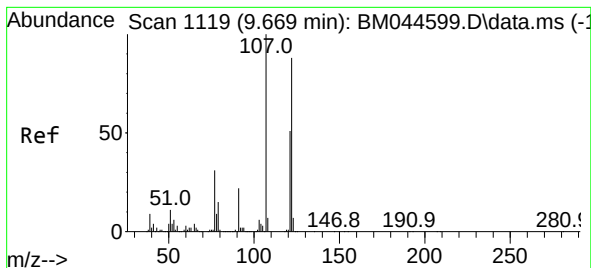
Tgt Ion: 82 Resp: 1069784
Ion Ratio Lower Upper
82 100
95 6.8 4.9 7.3
138 17.7 12.9 19.3



#26
2-Nitrophenol
Concen: 51.129 ng
RT: 9.592 min Scan# 1106
Delta R.T. -0.018 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

Tgt Ion: 139 Resp: 305790
Ion Ratio Lower Upper
139 100
109 32.1 21.2 31.8#
65 55.3 42.4 63.6

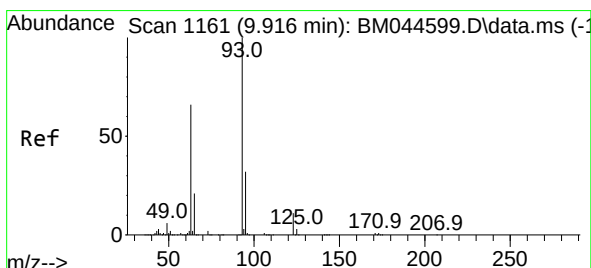
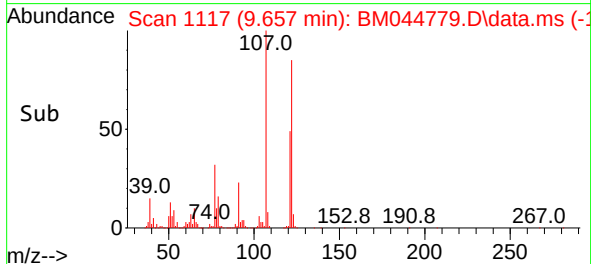
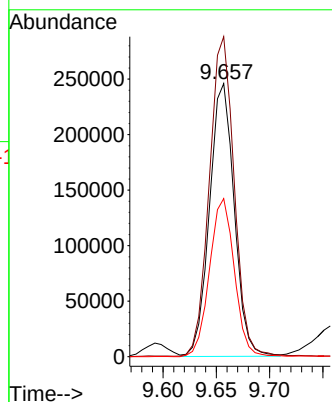
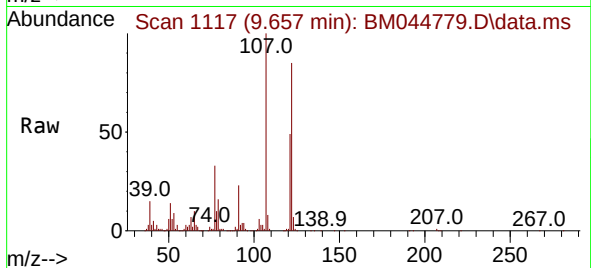




#27
2,4-Dimethylphenol
Concen: 37.745 ng
RT: 9.657 min Scan# 1117
Delta R.T. -0.012 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

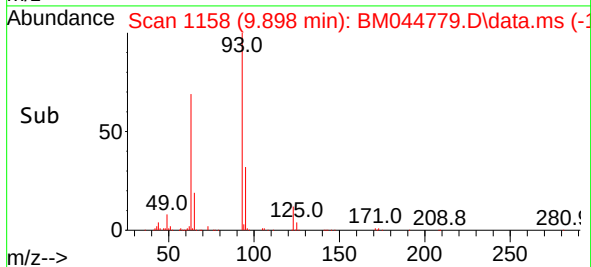
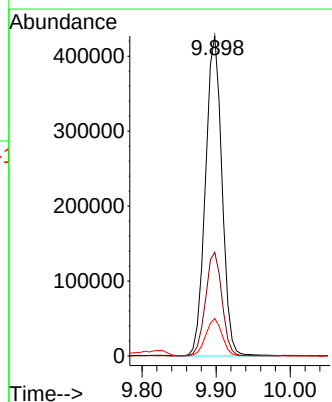
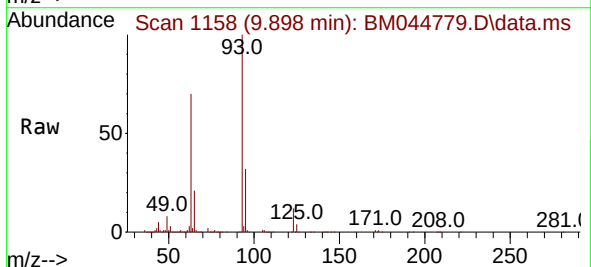
Instrument :
BNA_M
ClientSampleId :
PB159793BS

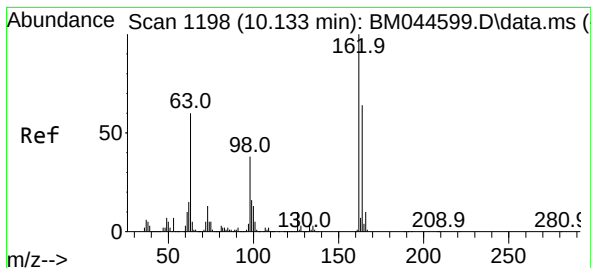
Tgt Ion:122 Resp: 396986
Ion Ratio Lower Upper
122 100
107 117.1 90.5 135.7
121 57.8 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 41.192 ng
RT: 9.898 min Scan# 1158
Delta R.T. -0.018 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

Tgt Ion: 93 Resp: 661744
Ion Ratio Lower Upper
93 100
95 32.3 25.8 38.6
123 11.7 9.0 13.4

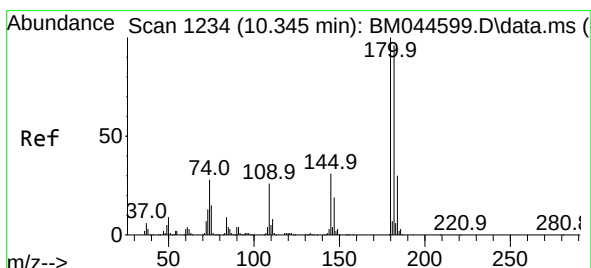
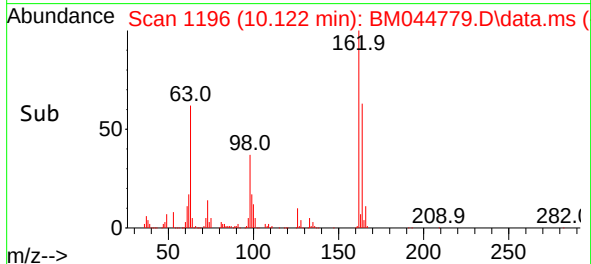
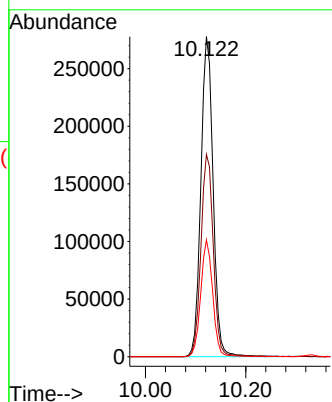
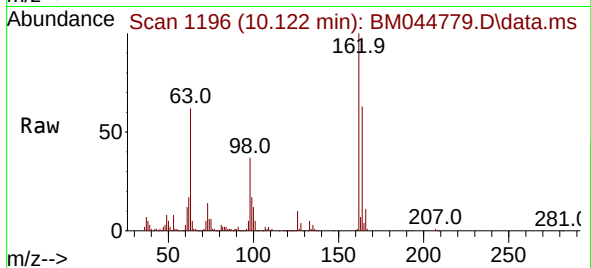




#29
2,4-Dichlorophenol
Concen: 46.983 ng
RT: 10.122 min Scan# 1196
Delta R.T. -0.012 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

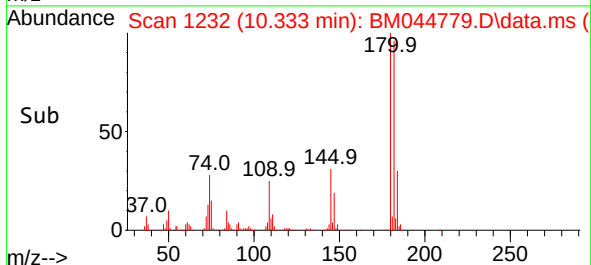
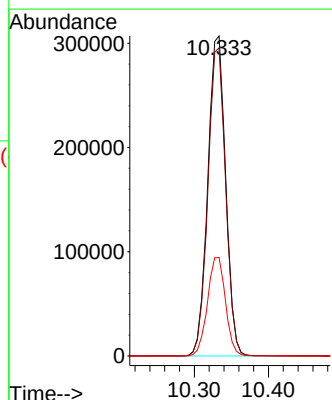
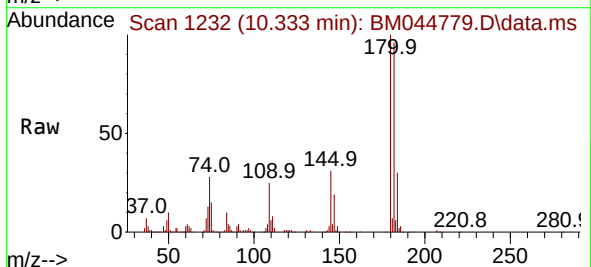
Instrument :
BNA_M
ClientSampleId :
PB159793BS

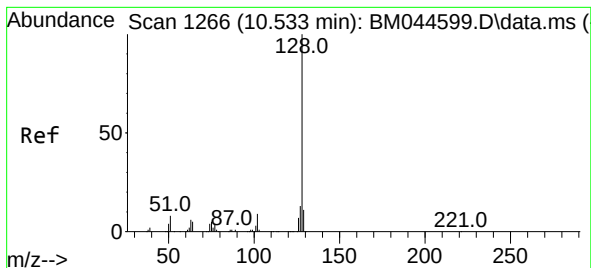
Tgt Ion:162 Resp: 470964
Ion Ratio Lower Upper
162 100
164 63.2 44.1 84.1
98 36.5 18.0 58.0



#30
1,2,4-Trichlorobenzene
Concen: 48.142 ng
RT: 10.333 min Scan# 1232
Delta R.T. -0.012 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

Tgt Ion:180 Resp: 513392
Ion Ratio Lower Upper
180 100
182 96.2 76.6 115.0
145 30.7 24.6 36.8

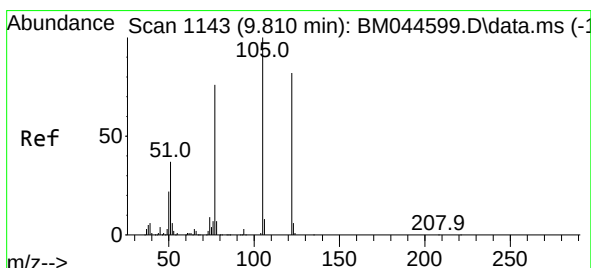
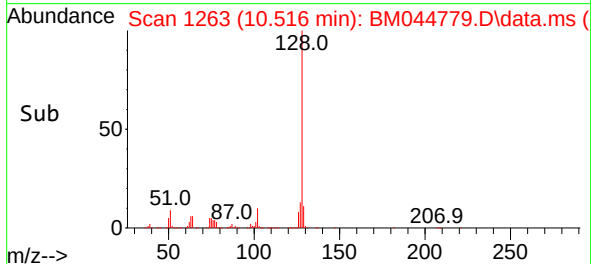
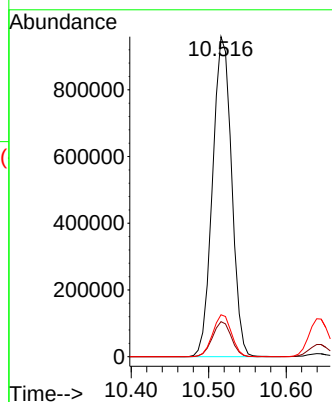
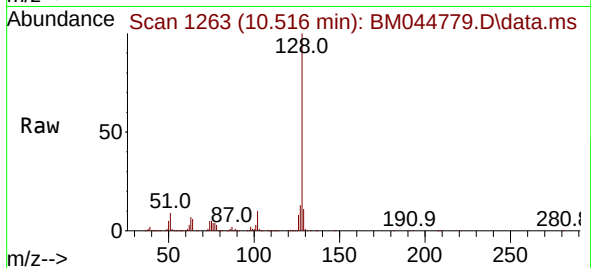




#31
Naphthalene
Concen: 44.150 ng
RT: 10.516 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

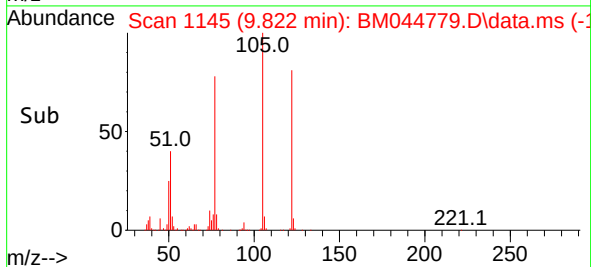
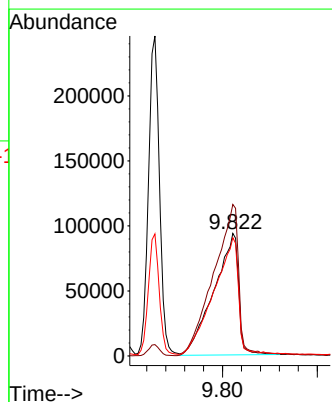
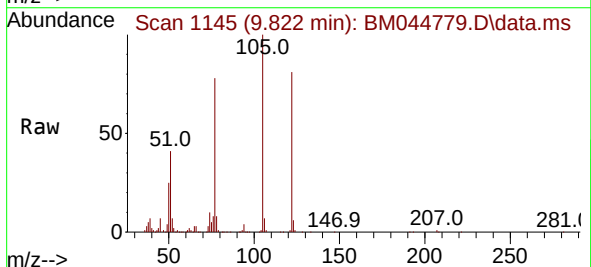
Instrument :
BNA_M
ClientSampleId :
PB159793BS

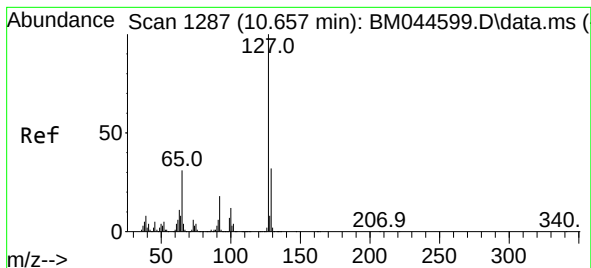
Tgt Ion:128 Resp: 1636681
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.1 10.2 15.4



#32
Benzoic acid
Concen: 40.975 ng
RT: 9.822 min Scan# 1145
Delta R.T. 0.012 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

Tgt Ion:122 Resp: 339126
Ion Ratio Lower Upper
122 100
105 123.7 100.0 140.0
77 96.5 72.5 112.5



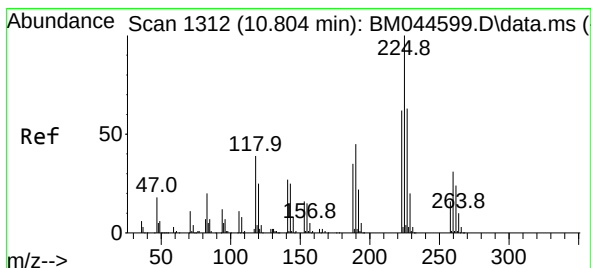
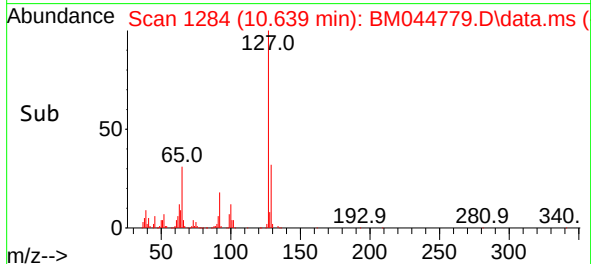
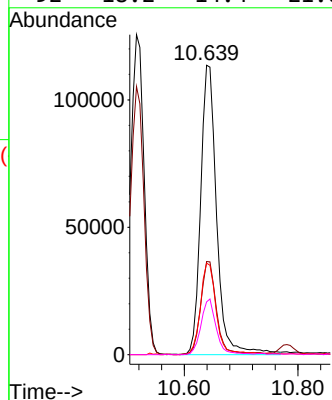
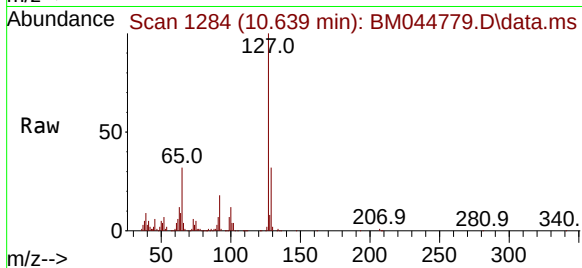


#33
4-Chloroaniline
Concen: 14.313 ng
RT: 10.639 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

Instrument :
BNA_M
ClientSampleId :
PB159793BS

Tgt Ion:127 Resp: 222592

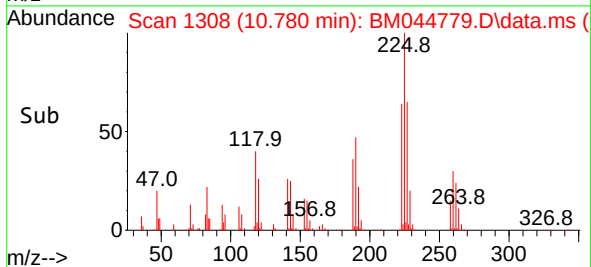
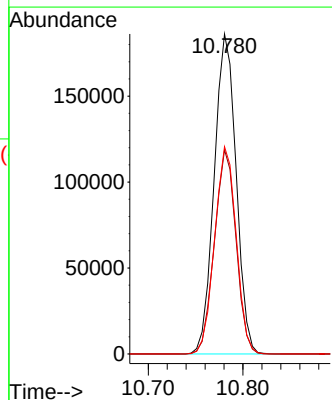
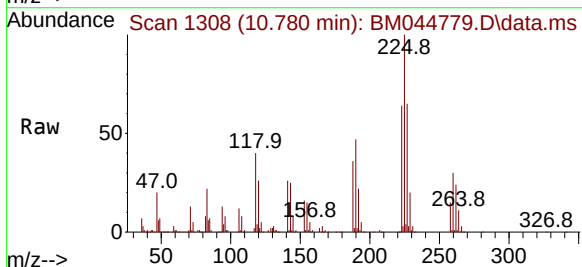
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.6	38.4
65	31.6	25.1	37.7
92	18.2	14.4	21.6

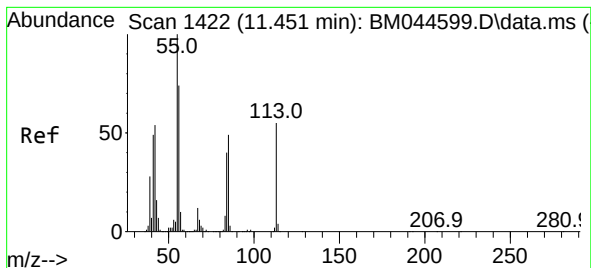


#34
Hexachlorobutadiene
Concen: 50.402 ng
RT: 10.780 min Scan# 1308
Delta R.T. -0.024 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

Tgt Ion:225 Resp: 299685

Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.9	74.9
227	64.8	50.6	75.8

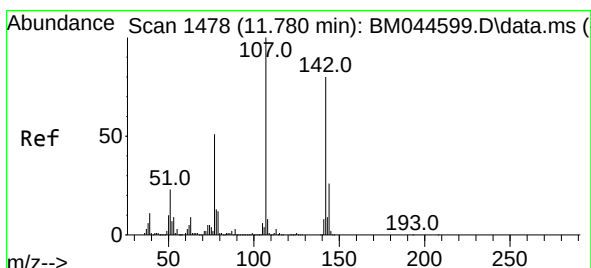
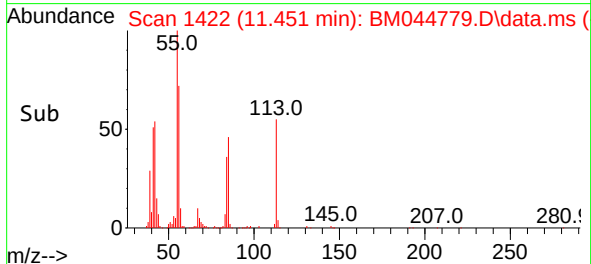
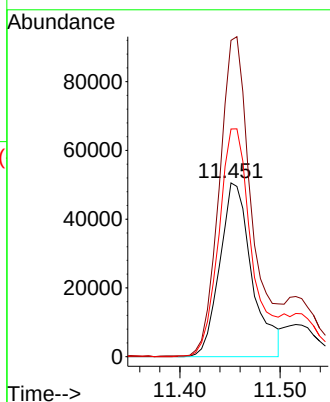
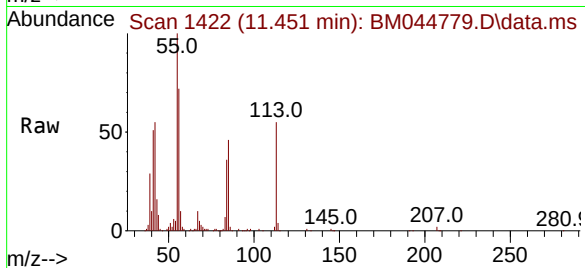




#35
Caprolactam
Concen: 34.848 ng
RT: 11.451 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

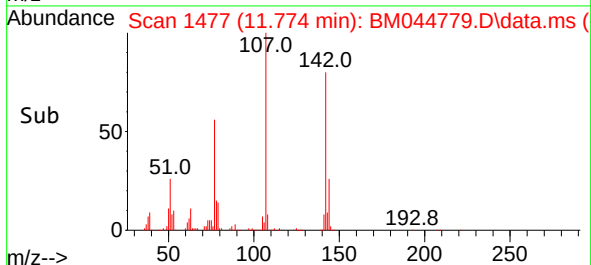
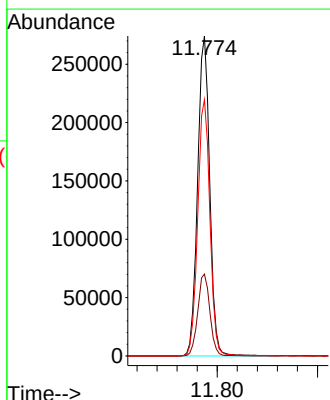
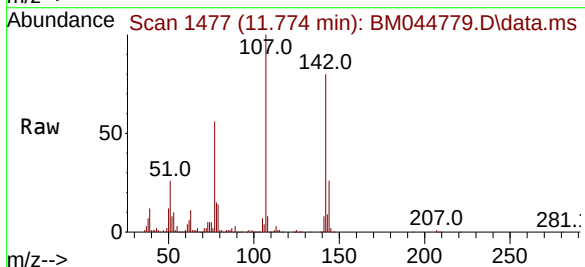
Instrument :
BNA_M
ClientSampleId :
PB159793BS

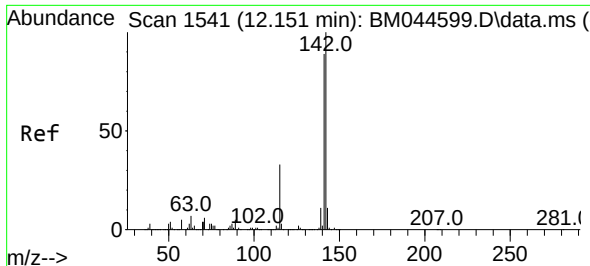
Tgt Ion:113 Resp: 112683
Ion Ratio Lower Upper
113 100
55 182.1 161.1 201.1
56 131.1 113.2 153.2



#36
4-Chloro-3-methylphenol
Concen: 41.732 ng
RT: 11.774 min Scan# 1477
Delta R.T. -0.006 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

Tgt Ion:107 Resp: 459047
Ion Ratio Lower Upper
107 100
144 25.6 20.8 31.2
142 80.1 63.8 95.8

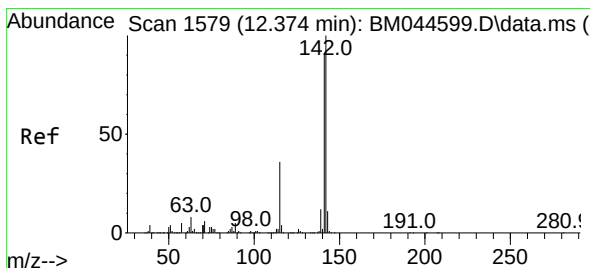
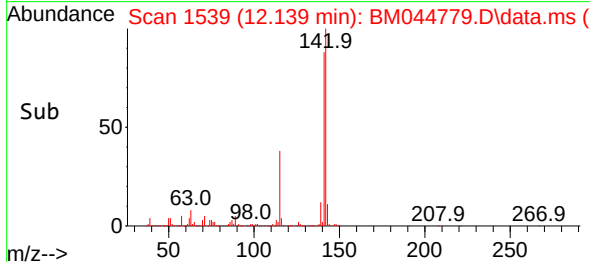
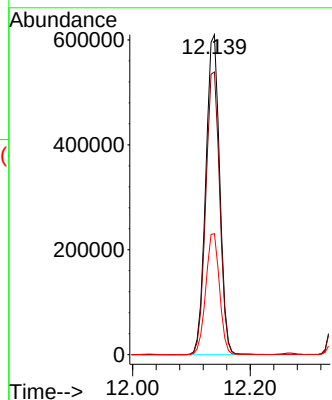
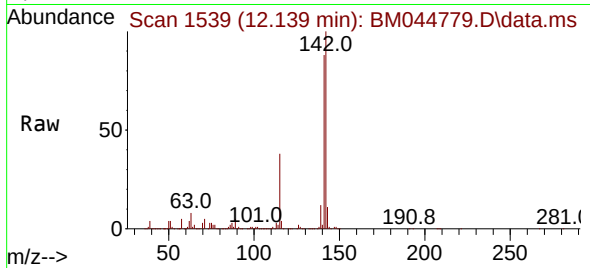




#37
2-Methylnaphthalene
Concen: 39.680 ng
RT: 12.139 min Scan# 1539
Delta R.T. -0.012 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

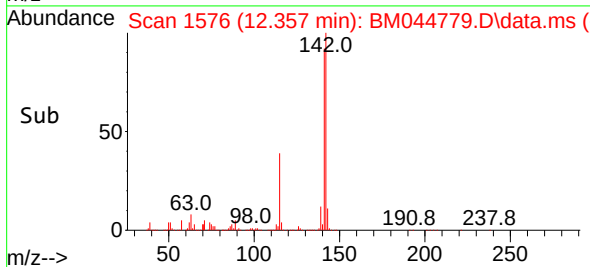
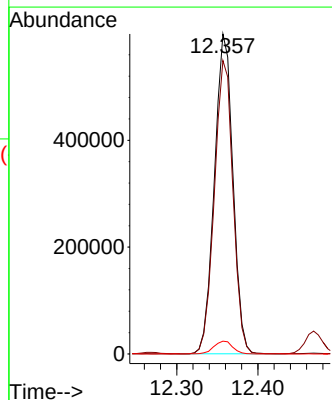
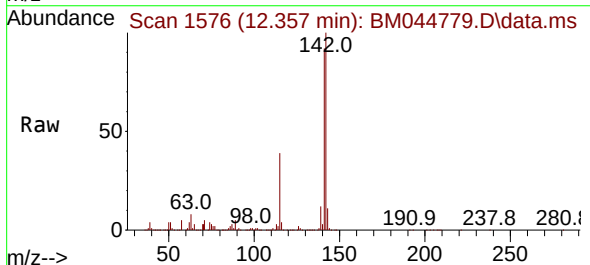
Instrument :
BNA_M
ClientSampleId :
PB159793BS

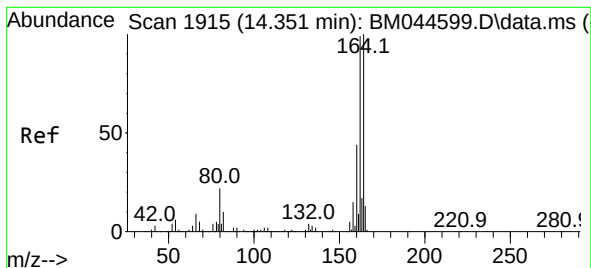
Tgt Ion:142 Resp: 998406
Ion Ratio Lower Upper
142 100
141 88.4 71.0 106.6
115 37.8 26.6 40.0



#38
1-Methylnaphthalene
Concen: 40.524 ng
RT: 12.357 min Scan# 1576
Delta R.T. -0.018 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

Tgt Ion:142 Resp: 950288
Ion Ratio Lower Upper
142 100
141 91.7 72.9 109.3
116 4.0 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.333 min Scan# 1915

Delta R.T. -0.018 min

Lab File: BM044779.D

Acq: 27 Mar 2024 15:05

Instrument :

BNA_M

ClientSampleId :

PB159793BS

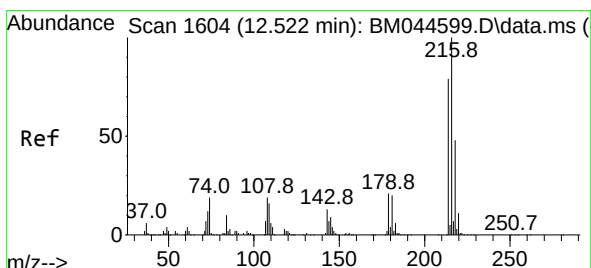
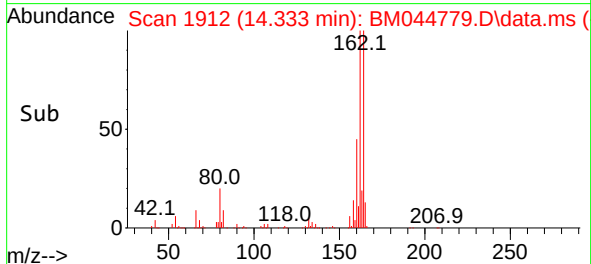
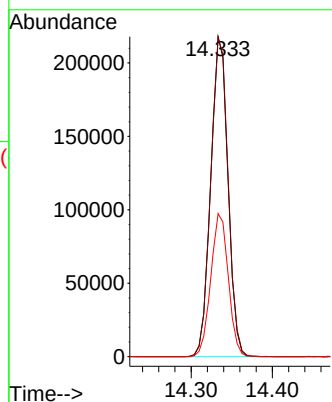
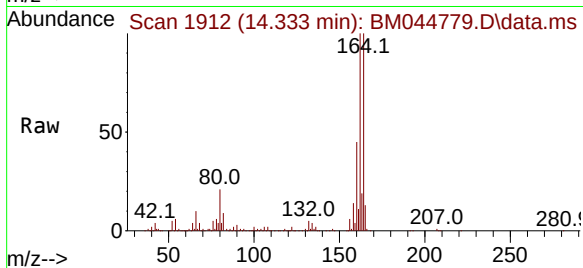
Tgt Ion:164 Resp: 319866

Ion Ratio Lower Upper

164 100

162 99.7 79.3 118.9

160 44.7 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 53.827 ng

RT: 12.510 min Scan# 1602

Delta R.T. -0.012 min

Lab File: BM044779.D

Acq: 27 Mar 2024 15:05

Tgt Ion:216 Resp: 488593

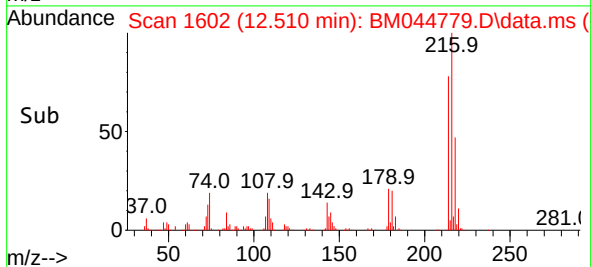
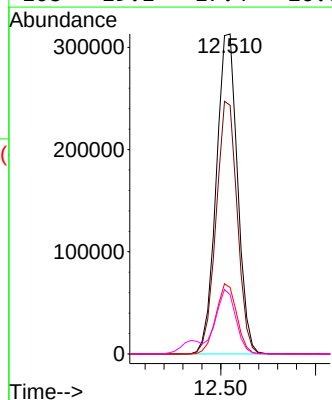
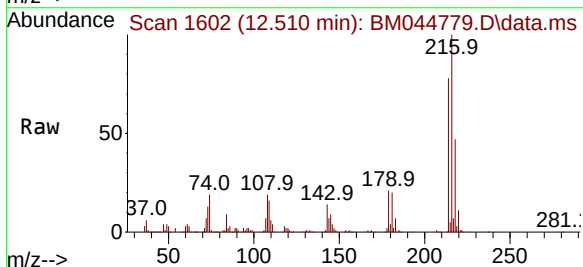
Ion Ratio Lower Upper

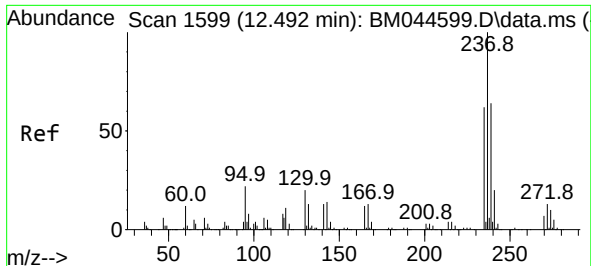
216 100

214 78.2 62.9 94.3

179 21.5 16.9 25.3

108 19.1 17.4 26.0

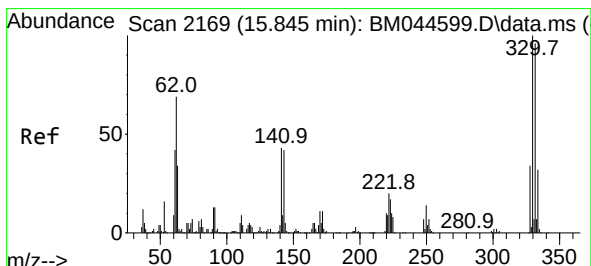
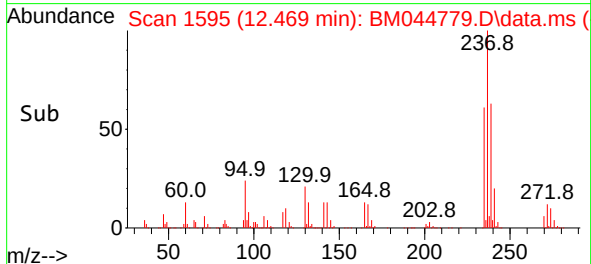
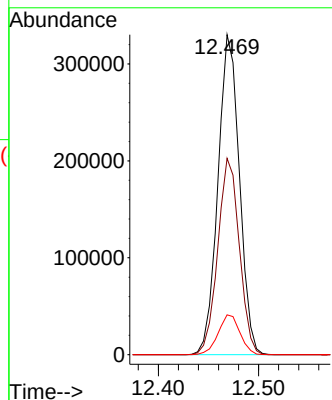
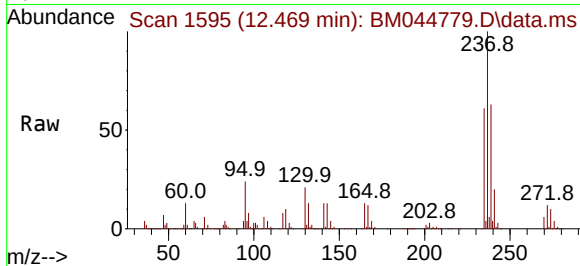




#41
Hexachlorocyclopentadiene
Concen: 94.777 ng
RT: 12.469 min Scan# 11
Delta R.T. -0.024 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

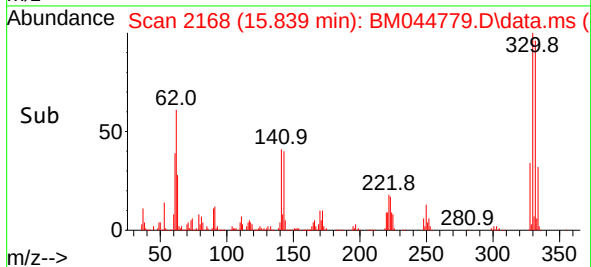
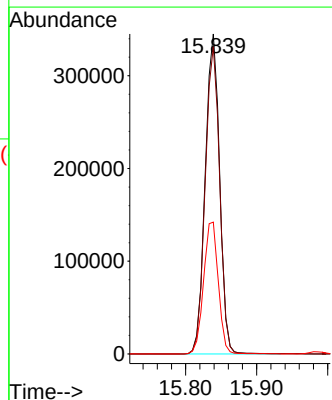
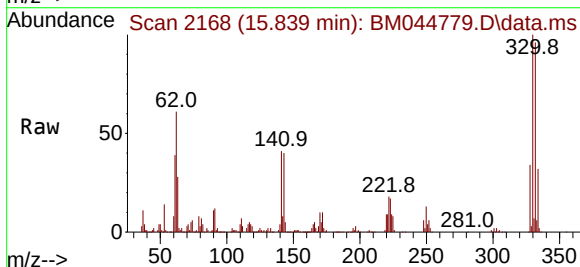
Instrument :
BNA_M
ClientSampleId :
PB159793BS

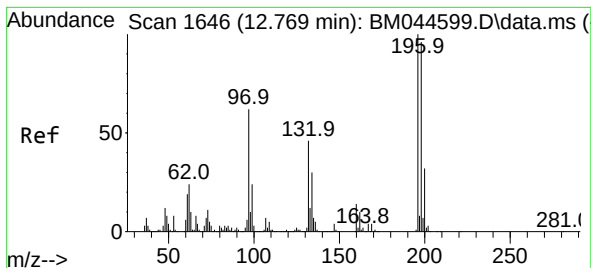
Tgt Ion:237 Resp: 490103
Ion Ratio Lower Upper
237 100
235 61.3 42.1 82.1
272 12.4 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 138.454 ng
RT: 15.839 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

Tgt Ion:330 Resp: 488466
Ion Ratio Lower Upper
330 100
332 96.3 77.8 116.8
141 42.2 33.4 50.0





#43

2,4,6-Trichlorophenol

Concen: 52.104 ng

RT: 12.757 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM044779.D

Acq: 27 Mar 2024 15:05

Instrument :

BNA_M

ClientSampleId :

PB159793BS

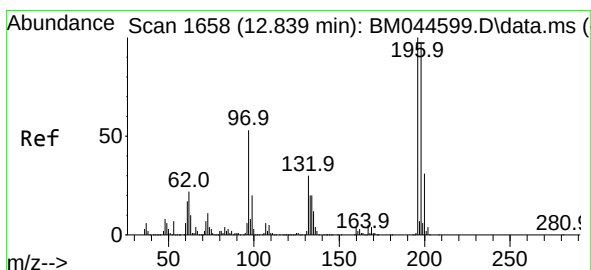
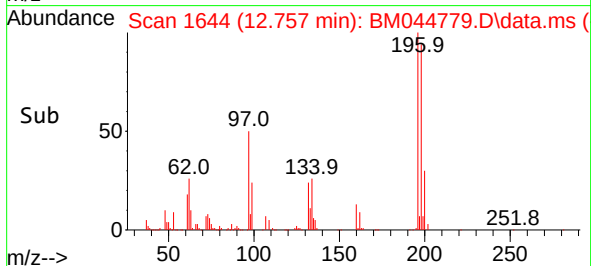
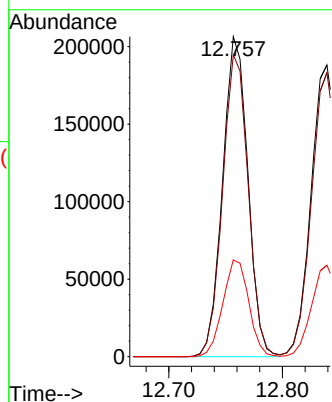
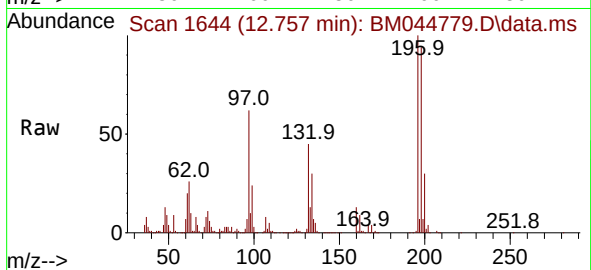
Tgt Ion:196 Resp: 319354

Ion Ratio Lower Upper

196 100

198 94.4 76.9 115.3

200 30.2 25.4 38.0



#44

2,4,5-Trichlorophenol

Concen: 45.577 ng

RT: 12.839 min Scan# 1658

Delta R.T. 0.000 min

Lab File: BM044779.D

Acq: 27 Mar 2024 15:05

Tgt Ion:196 Resp: 331003

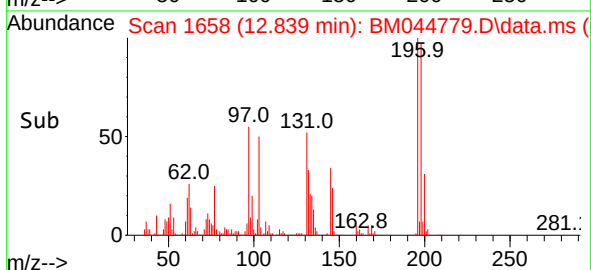
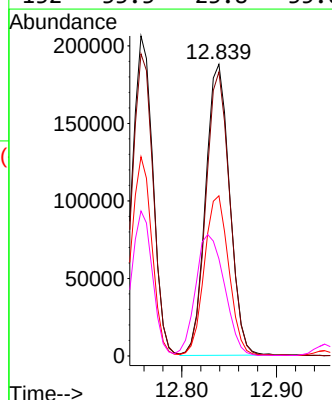
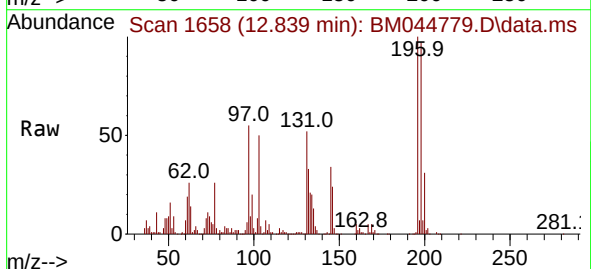
Ion Ratio Lower Upper

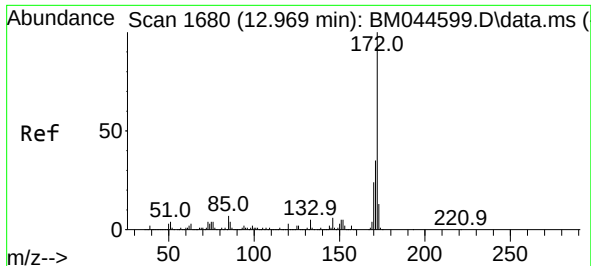
196 100

198 97.4 77.7 116.5

97 54.9 42.8 64.2

132 33.3 23.8 35.6

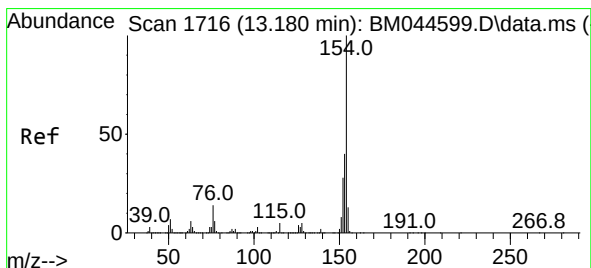
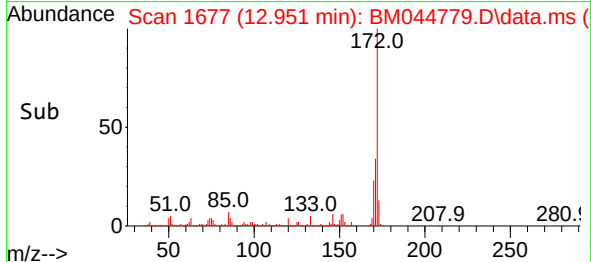
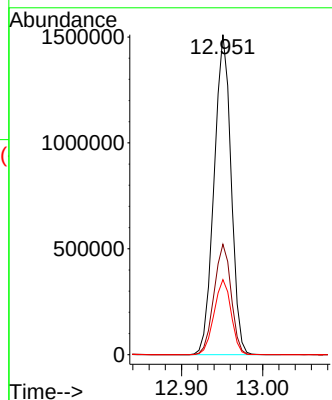
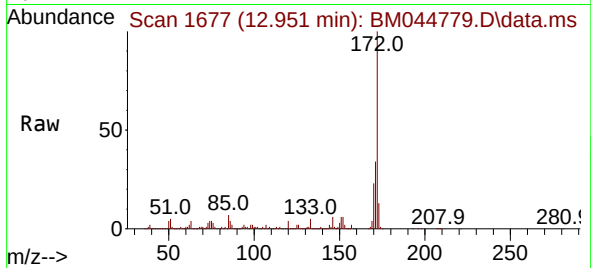




#45
2-Fluorobiphenyl
Concen: 94.535 ng
RT: 12.951 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

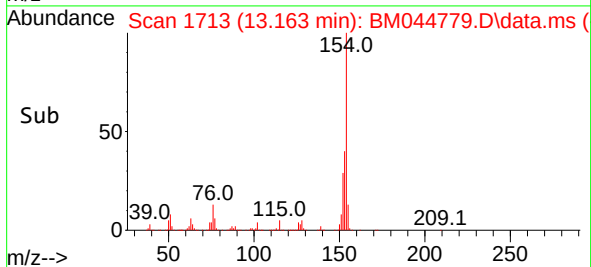
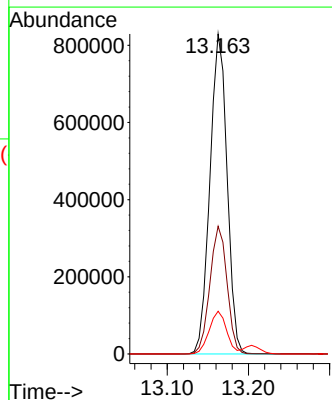
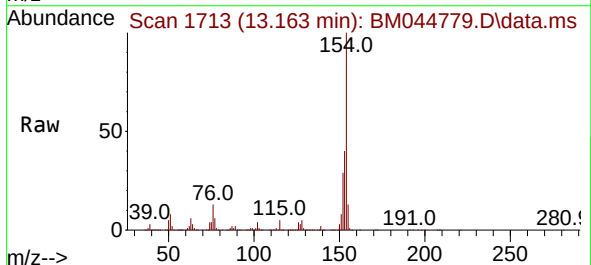
Instrument :
BNA_M
ClientSampleId :
PB159793BS

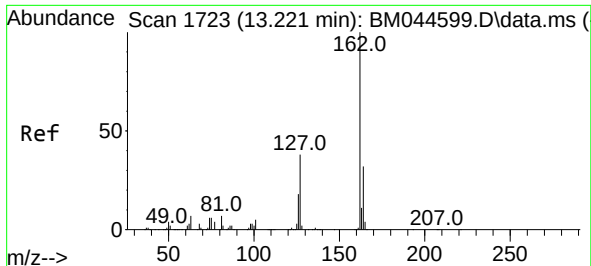
Tgt Ion:172 Resp: 2195632
Ion Ratio Lower Upper
172 100
171 34.5 28.2 42.2
170 23.5 19.0 28.6



#46
1,1'-Biphenyl
Concen: 48.593 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.018 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

Tgt Ion:154 Resp: 1215655
Ion Ratio Lower Upper
154 100
153 39.9 19.9 59.9
76 13.3 0.0 34.0





#47

2-Chloronaphthalene

Concen: 50.992 ng

RT: 13.204 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM044779.D

Acq: 27 Mar 2024 15:05

Instrument :

BNA_M

ClientSampleId :

PB159793BS

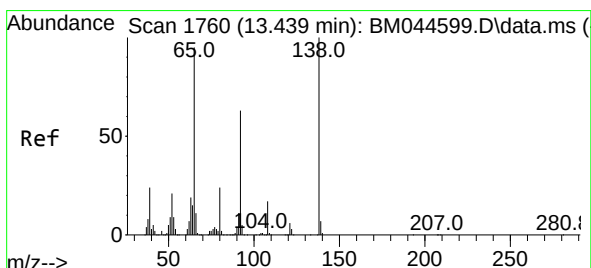
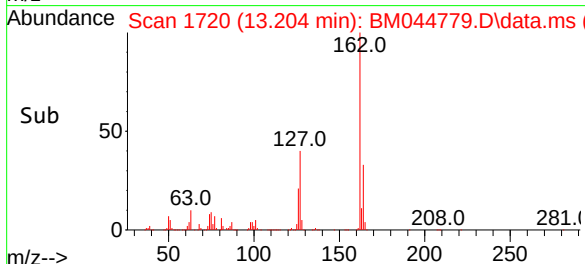
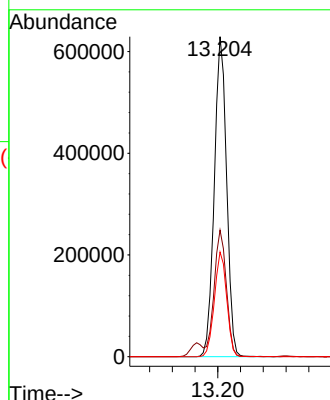
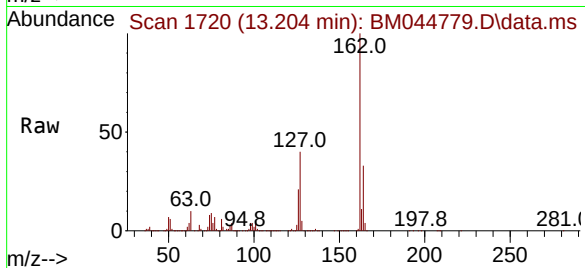
Tgt Ion:162 Resp: 943333

Ion Ratio Lower Upper

162 100

127 39.6 31.4 47.0

164 32.7 25.8 38.8



#48

2-Nitroaniline

Concen: 48.475 ng

RT: 13.427 min Scan# 1758

Delta R.T. -0.012 min

Lab File: BM044779.D

Acq: 27 Mar 2024 15:05

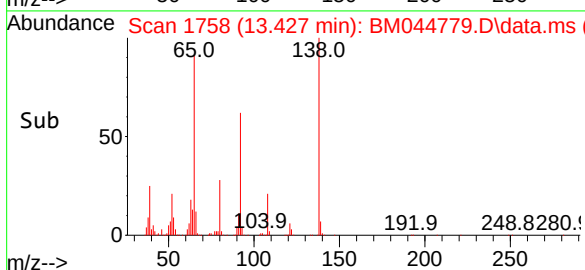
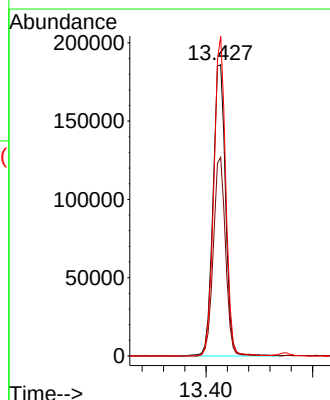
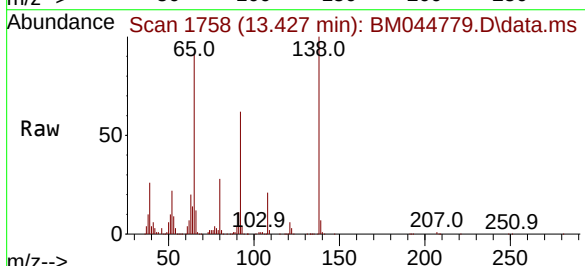
Tgt Ion: 65 Resp: 304276

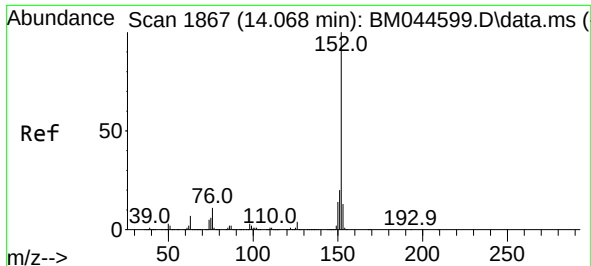
Ion Ratio Lower Upper

65 100

92 68.2 53.3 79.9

138 109.9 84.3 126.5

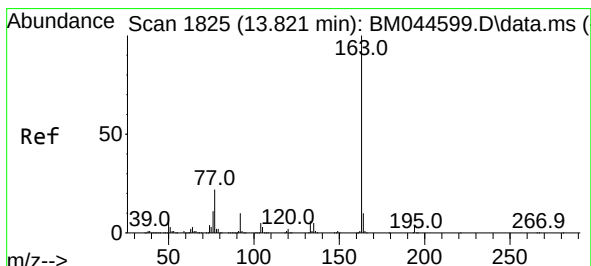
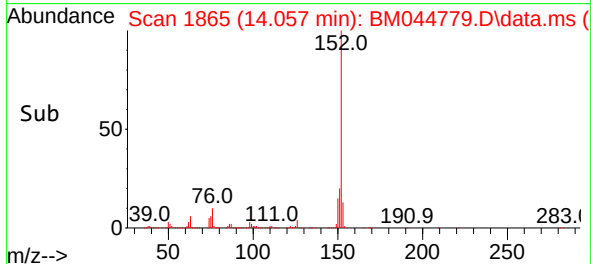
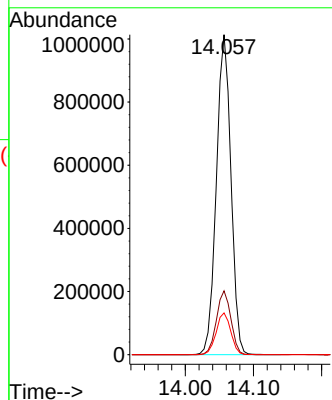
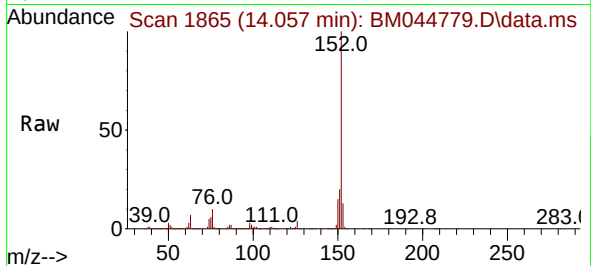




#49
Acenaphthylene
Concen: 50.007 ng
RT: 14.057 min Scan# 1865
Delta R.T. -0.012 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

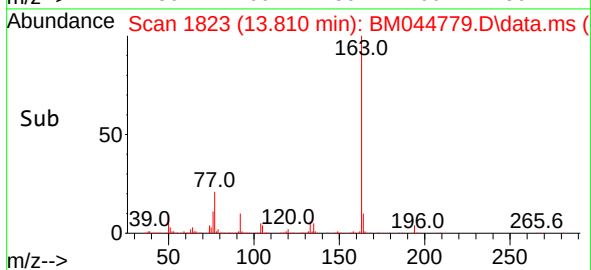
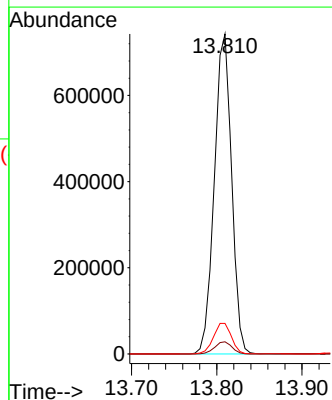
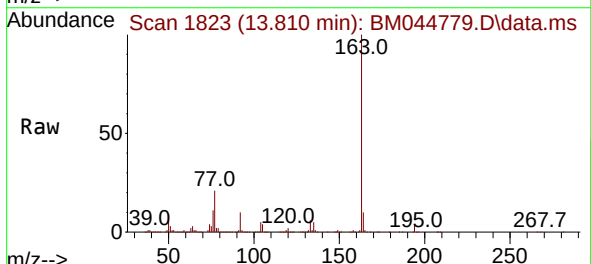
Instrument :
BNA_M
ClientSampleId :
PB159793BS

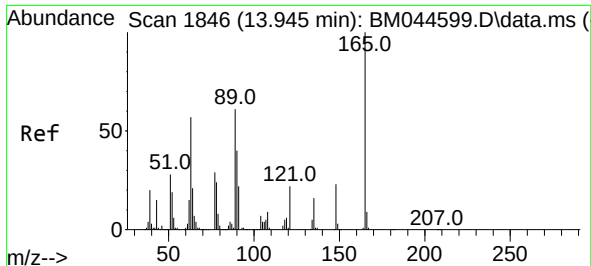
Tgt Ion:152 Resp: 1507017
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.0 10.6 15.8



#50
Dimethylphthalate
Concen: 43.806 ng
RT: 13.810 min Scan# 1823
Delta R.T. -0.011 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

Tgt Ion:163 Resp: 1048066
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 9.5 8.0 12.0

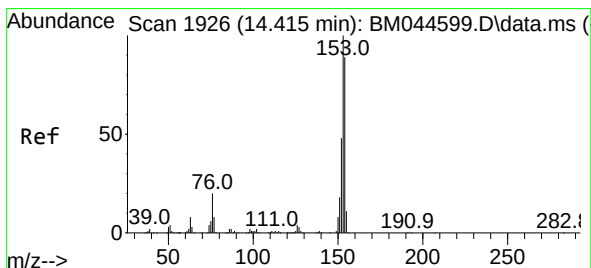
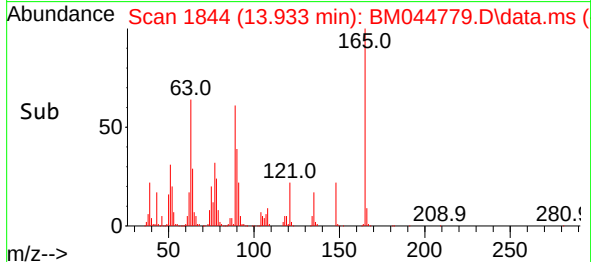
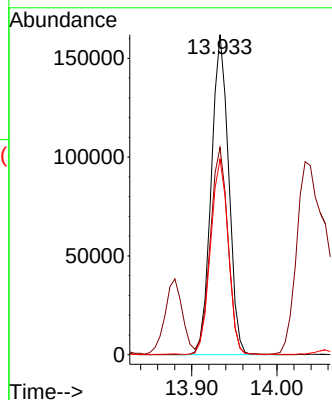
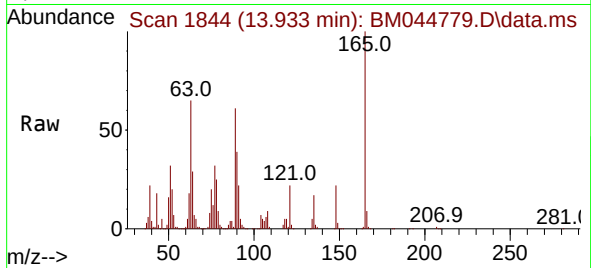




#51
2,6-Dinitrotoluene
Concen: 46.086 ng
RT: 13.933 min Scan# 1844
Delta R.T. -0.012 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

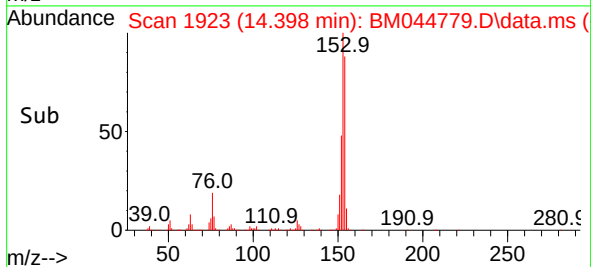
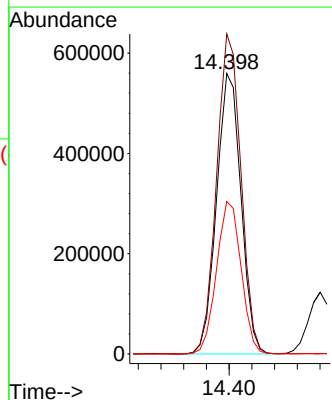
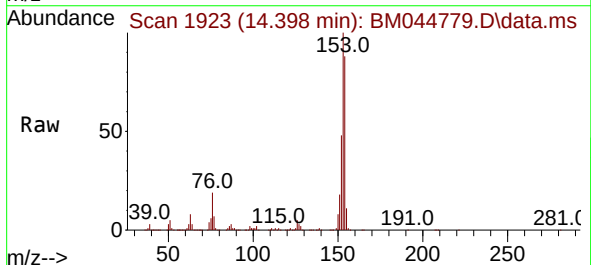
Instrument :
BNA_M
ClientSampleId :
PB159793BS

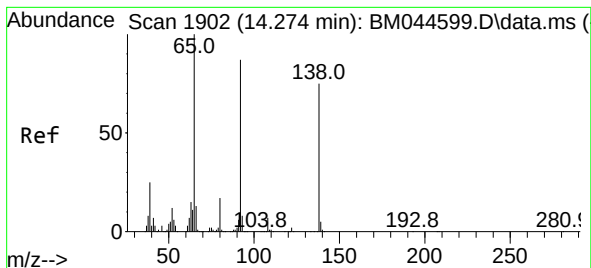
Tgt Ion:165 Resp: 229611
Ion Ratio Lower Upper
165 100
63 64.7 50.4 75.6
89 61.1 49.3 73.9



#52
Acenaphthene
Concen: 45.794 ng
RT: 14.398 min Scan# 1923
Delta R.T. -0.018 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

Tgt Ion:154 Resp: 834247
Ion Ratio Lower Upper
154 100
153 114.1 90.3 135.5
152 54.4 43.1 64.7

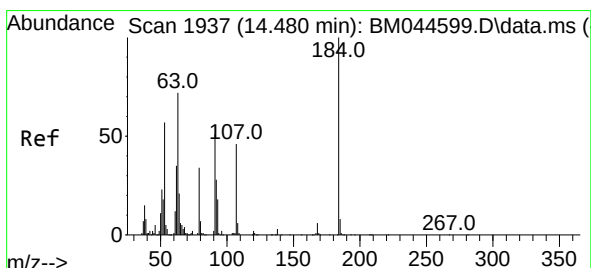
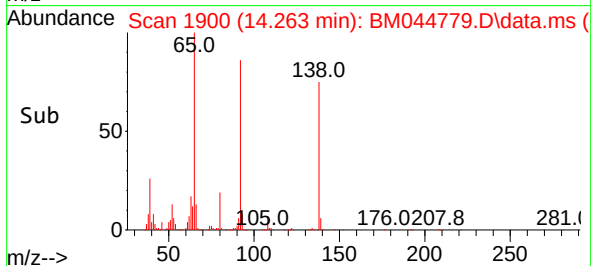
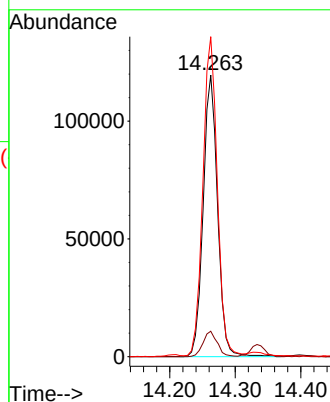
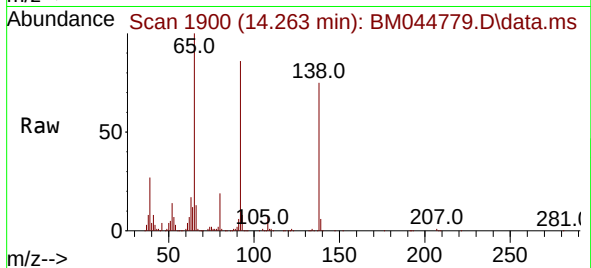




#53
3-Nitroaniline
Concen: 31.404 ng
RT: 14.263 min Scan# 1902
Delta R.T. -0.011 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

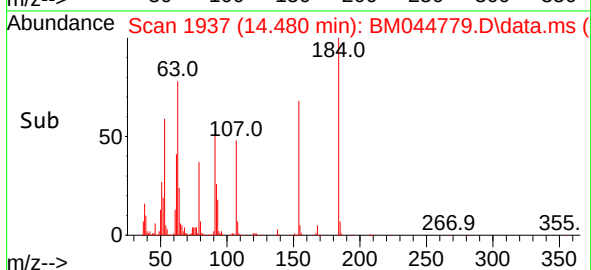
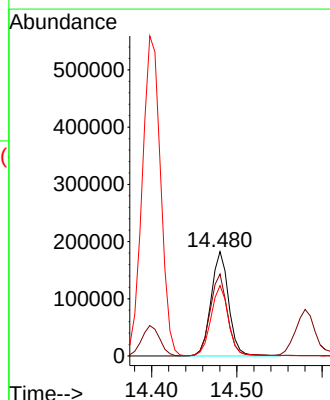
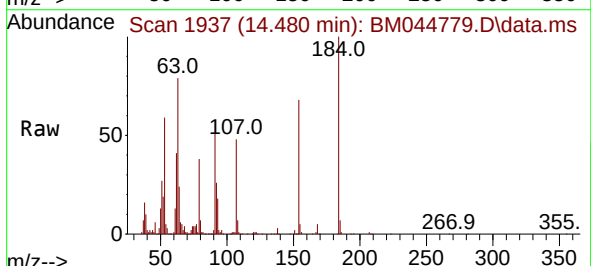
Instrument :
BNA_M
ClientSampleId :
PB159793BS

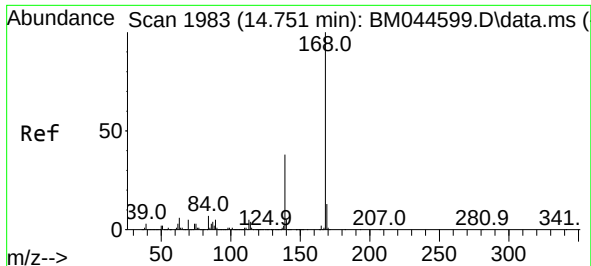
Tgt Ion:138 Resp: 183210
Ion Ratio Lower Upper
138 100
108 9.0 7.5 11.3
92 113.6 92.8 139.2



#54
2,4-Dinitrophenol
Concen: 80.151 ng
RT: 14.480 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

Tgt Ion:184 Resp: 261297
Ion Ratio Lower Upper
184 100
63 78.6 62.2 93.2
154 67.6 47.9 71.9

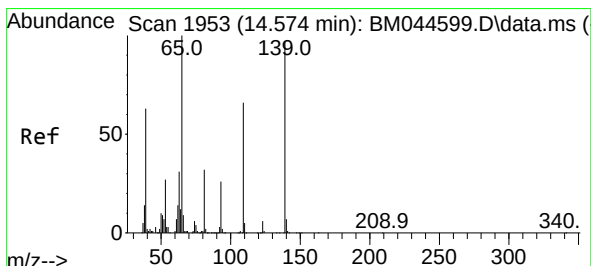
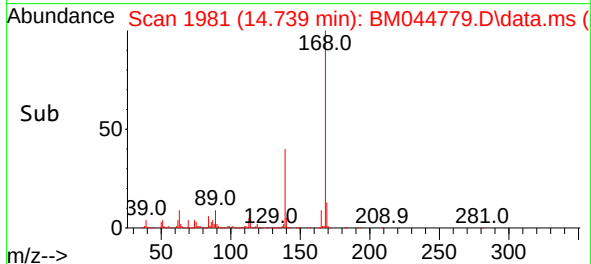
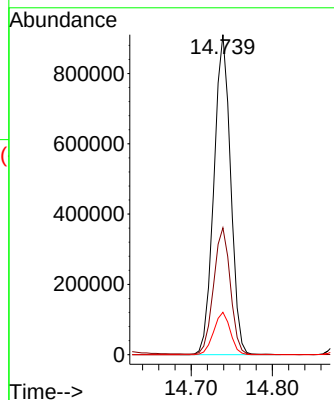
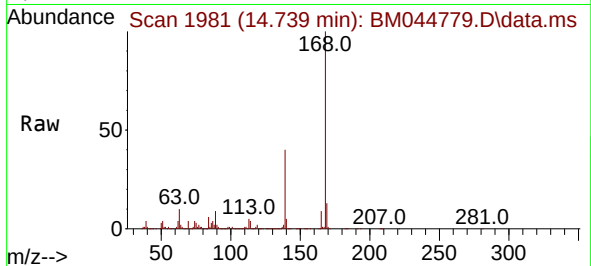




#55
Dibenzofuran
Concen: 44.930 ng
RT: 14.739 min Scan# 1983
Delta R.T. -0.012 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

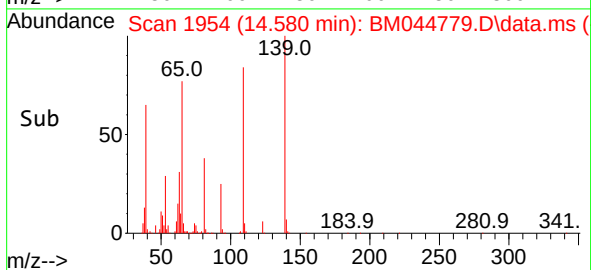
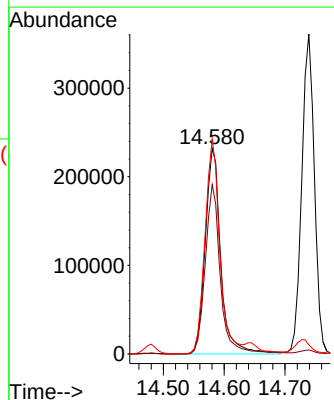
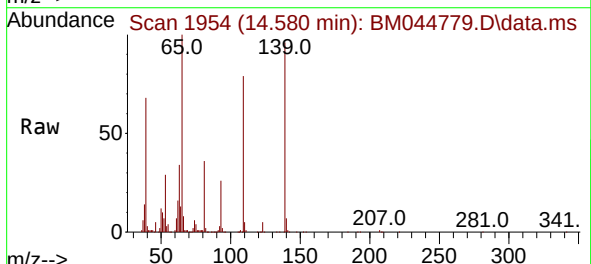
Instrument :
BNA_M
ClientSampleId :
PB159793BS

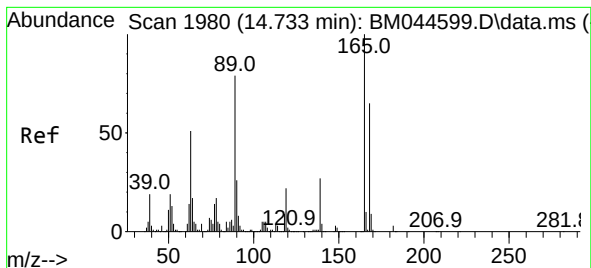
Tgt Ion:168 Resp: 1299059
Ion Ratio Lower Upper
168 100
139 39.7 30.6 46.0
169 13.2 10.6 16.0



#56
4-Nitrophenol
Concen: 85.946 ng
RT: 14.580 min Scan# 1954
Delta R.T. 0.006 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

Tgt Ion:139 Resp: 411804
Ion Ratio Lower Upper
139 100
109 82.3 48.0 88.0
65 104.6 83.5 123.5

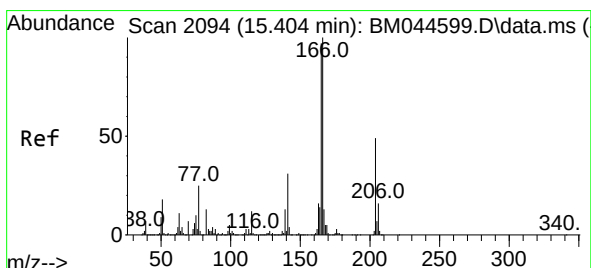
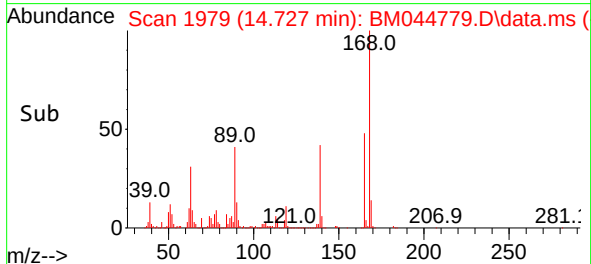
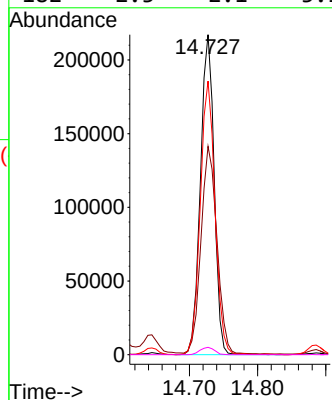
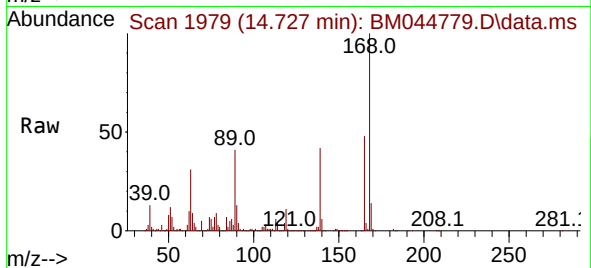




#57
2,4-Dinitrotoluene
Concen: 46.633 ng
RT: 14.727 min Scan# 1980
Delta R.T. -0.006 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

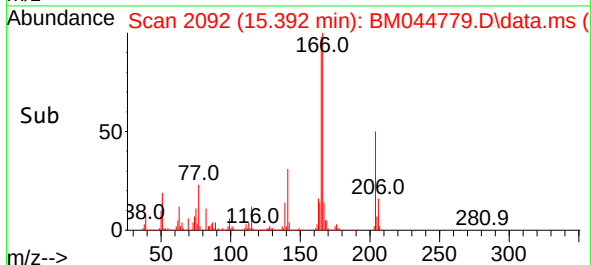
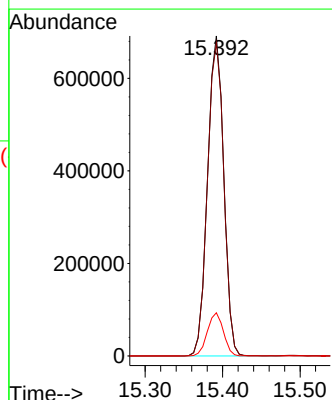
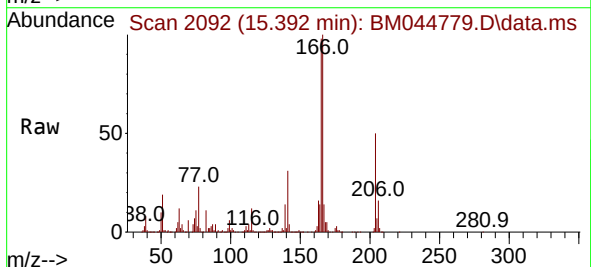
Instrument :
BNA_M
ClientSampleId :
PB159793BS

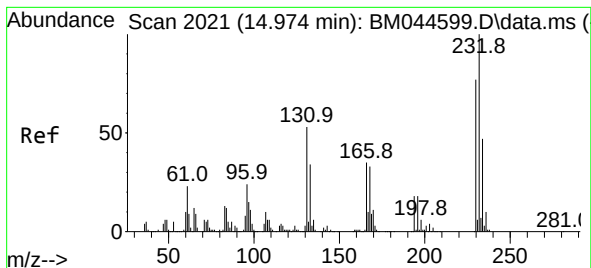
Tgt Ion:165 Resp: 303580
Ion Ratio Lower Upper
165 100
63 65.1 40.9 61.3#
89 85.5 63.4 95.0
182 2.3 2.1 3.1



#58
Fluorene
Concen: 44.561 ng
RT: 15.392 min Scan# 2092
Delta R.T. -0.012 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

Tgt Ion:166 Resp: 1003323
Ion Ratio Lower Upper
166 100
165 97.9 77.7 116.5
167 13.5 10.8 16.2



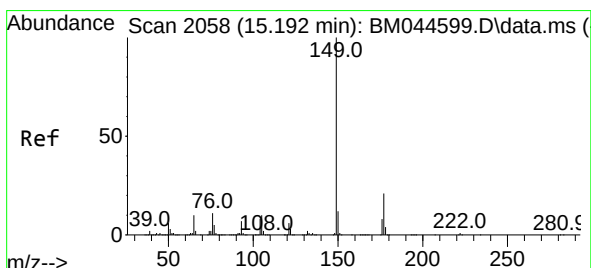
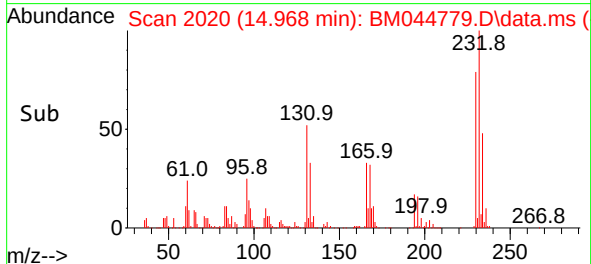
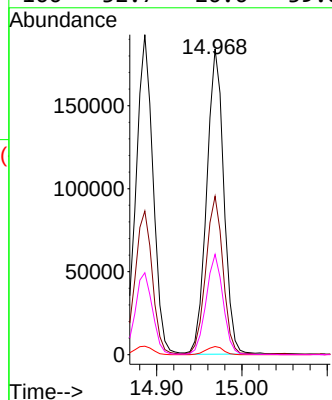
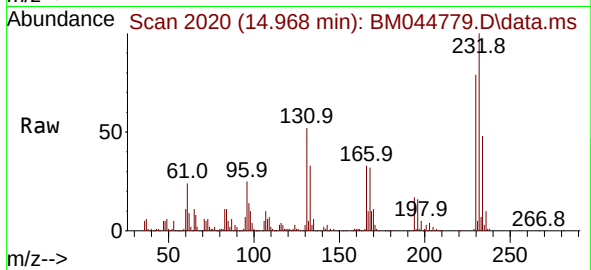


#59
2,3,4,6-Tetrachlorophenol
Concen: 45.573 ng
RT: 14.968 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

Instrument :
BNA_M
ClientSampleId :
PB159793BS

Tgt Ion:232 Resp: 256967

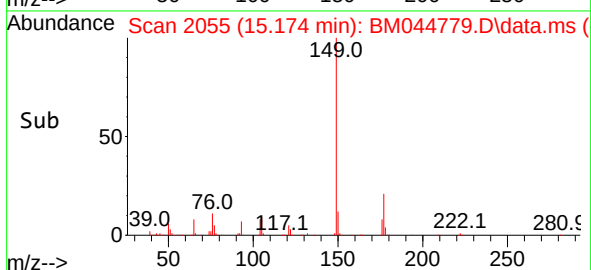
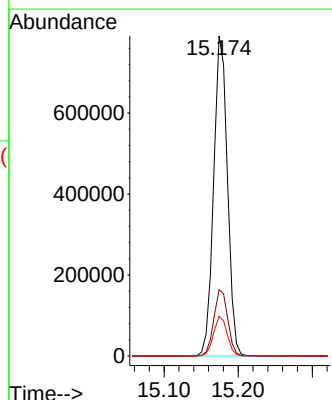
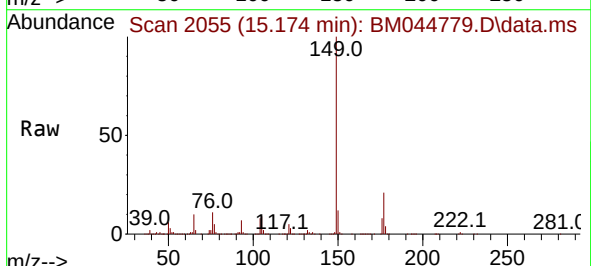
Ion	Ratio	Lower	Upper
232	100		
131	51.7	41.0	61.4
130	2.7	2.1	3.1
166	32.7	26.6	39.8

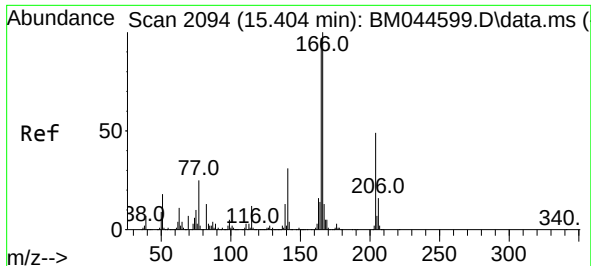


#60
Diethylphthalate
Concen: 42.069 ng
RT: 15.174 min Scan# 2055
Delta R.T. -0.018 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

Tgt Ion:149 Resp: 1018908

Ion	Ratio	Lower	Upper
149	100		
177	20.7	16.8	25.2
150	12.3	9.8	14.8





#61
4-Chlorophenyl-phenylether
Concen: 43.694 ng
RT: 15.392 min Scan# 2092
Delta R.T. -0.012 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

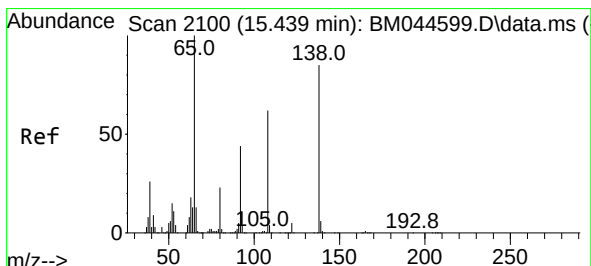
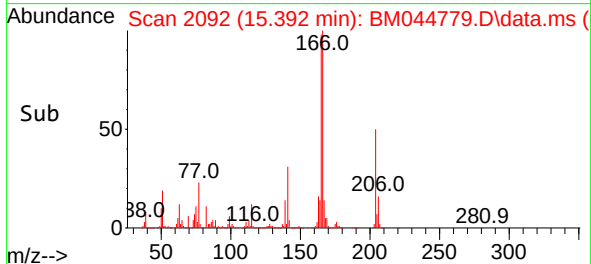
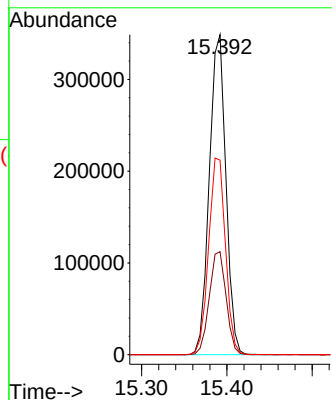
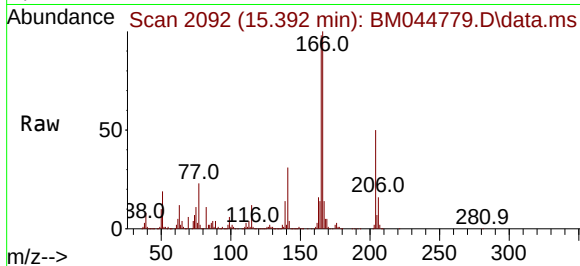
Instrument :

BNA_M

ClientSampleId :

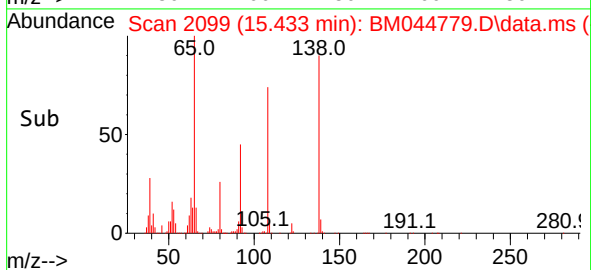
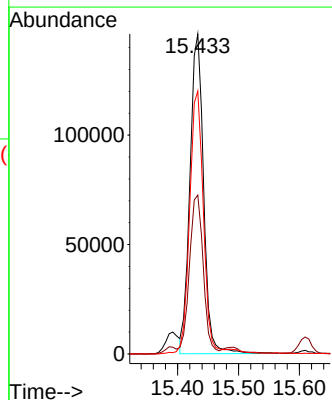
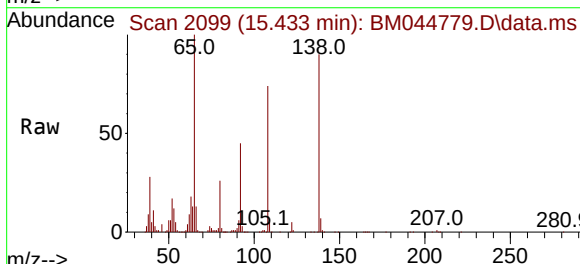
PB159793BS

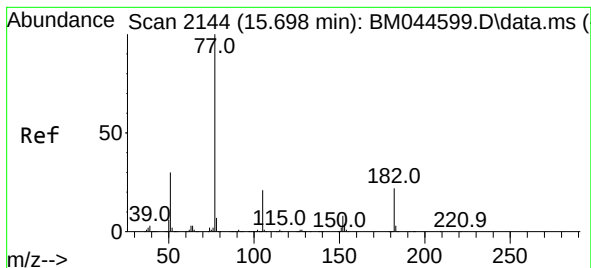
Tgt Ion:204 Resp: 472285
Ion Ratio Lower Upper
204 100
206 32.2 25.9 38.9
141 60.8 49.8 74.8



#62
4-Nitroaniline
Concen: 38.990 ng
RT: 15.433 min Scan# 2099
Delta R.T. -0.006 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

Tgt Ion:138 Resp: 227221
Ion Ratio Lower Upper
138 100
92 49.7 31.9 71.9
108 82.1 53.7 93.7





#63

Azobenzene

Concen: 42.602 ng

RT: 15.686 min Scan# 2144

Delta R.T. -0.012 min

Lab File: BM044779.D

Acq: 27 Mar 2024 15:05

Instrument :

BNA_M

ClientSampleId :

PB159793BS

Tgt Ion: 77 Resp: 1066576

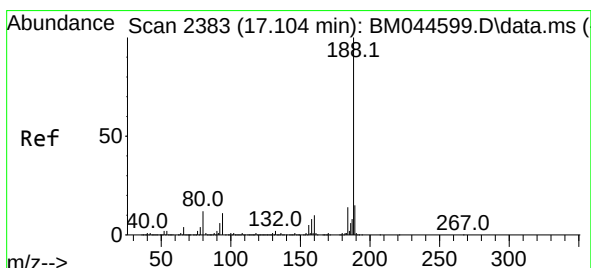
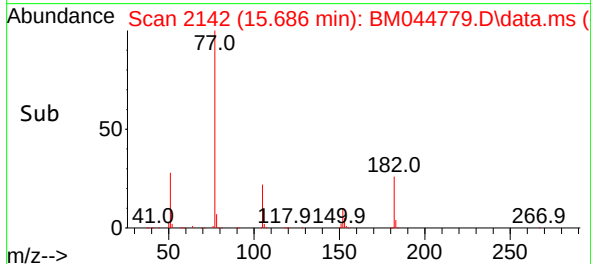
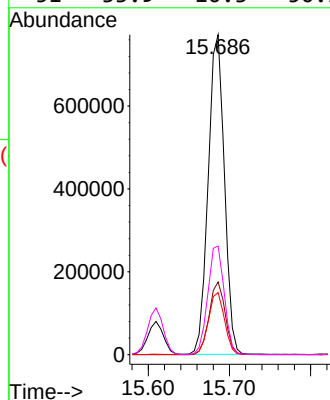
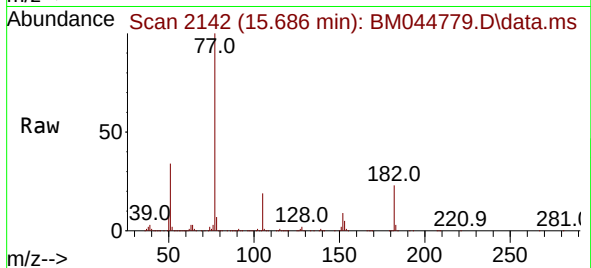
Ion Ratio Lower Upper

77 100

182 22.7 1.8 41.8

105 19.4 0.7 40.7

51 33.9 10.3 50.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.092 min Scan# 2381

Delta R.T. -0.012 min

Lab File: BM044779.D

Acq: 27 Mar 2024 15:05

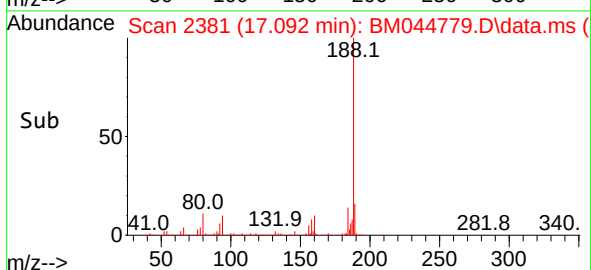
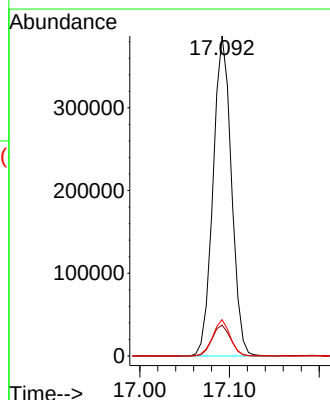
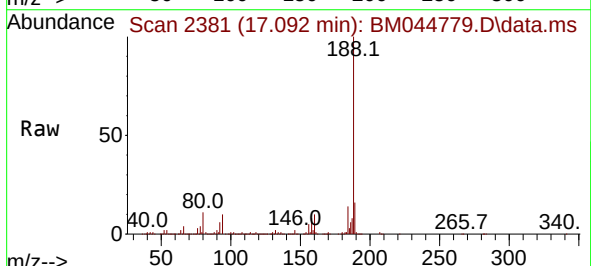
Tgt Ion:188 Resp: 549161

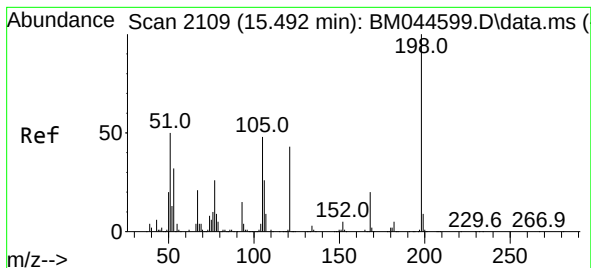
Ion Ratio Lower Upper

188 100

94 9.7 8.4 12.6

80 11.4 9.4 14.0

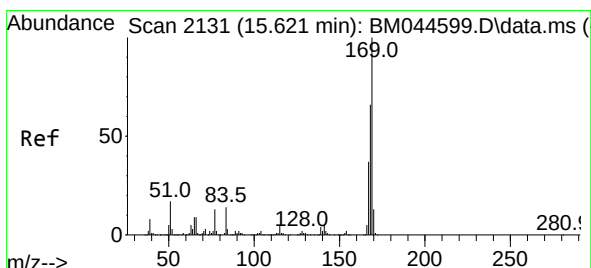
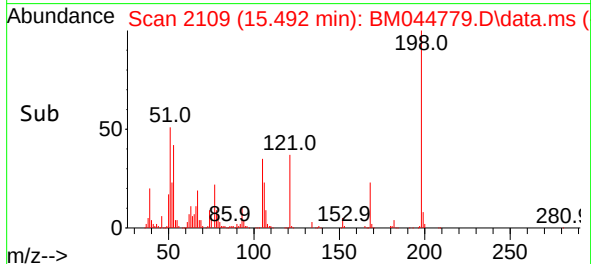
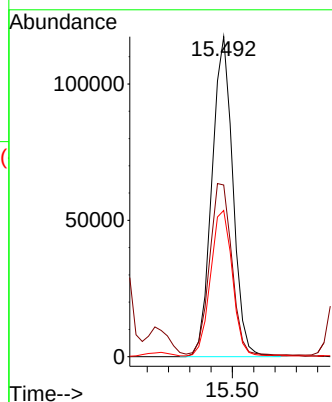
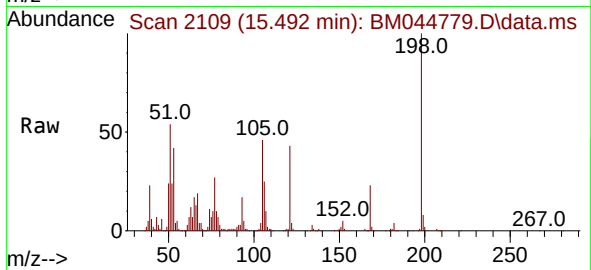




#65
4,6-Dinitro-2-methylphenol
Concen: 46.498 ng
RT: 15.492 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

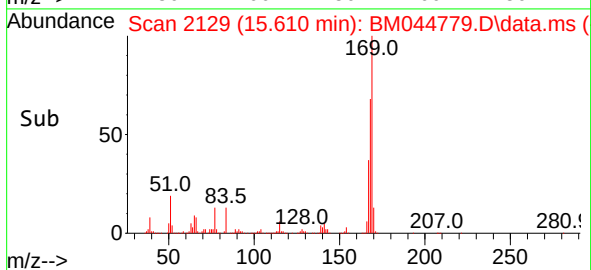
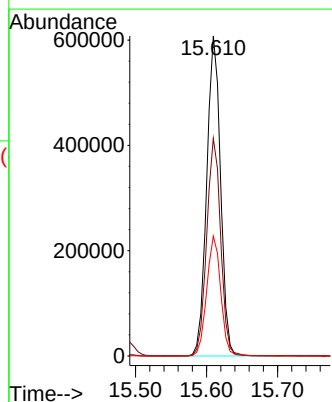
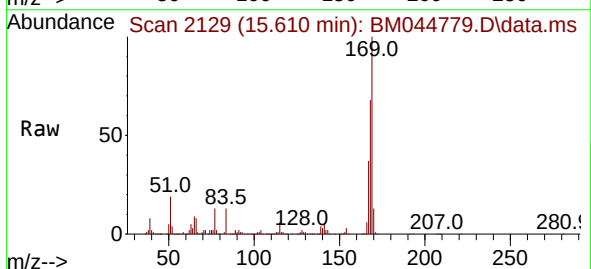
Instrument :
BNA_M
ClientSampleId :
PB159793BS

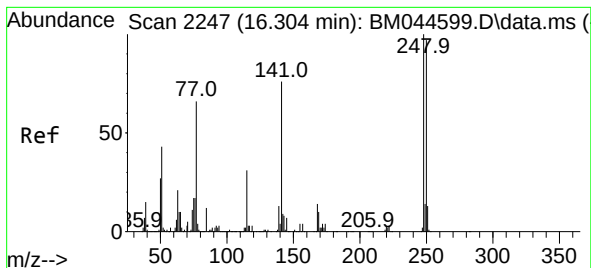
Tgt Ion:198 Resp: 160137
Ion Ratio Lower Upper
198 100
51 53.6 35.0 75.0
105 45.7 28.5 68.5



#66
n-Nitrosodiphenylamine
Concen: 48.152 ng
RT: 15.610 min Scan# 2129
Delta R.T. -0.011 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

Tgt Ion:169 Resp: 824131
Ion Ratio Lower Upper
169 100
168 68.0 53.1 79.7
167 37.5 29.5 44.3

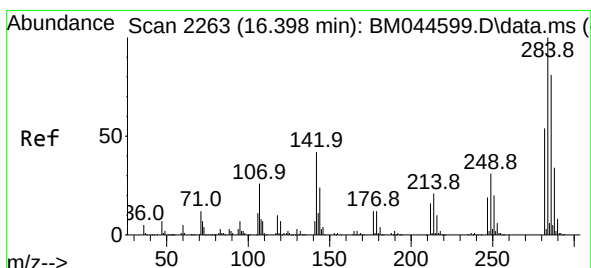
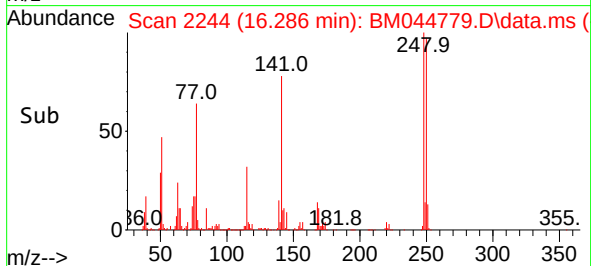
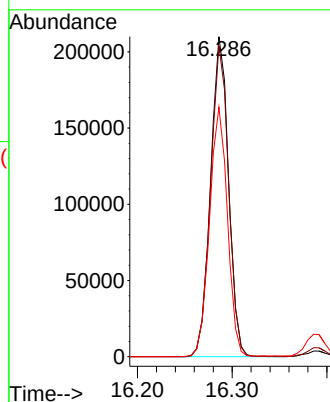
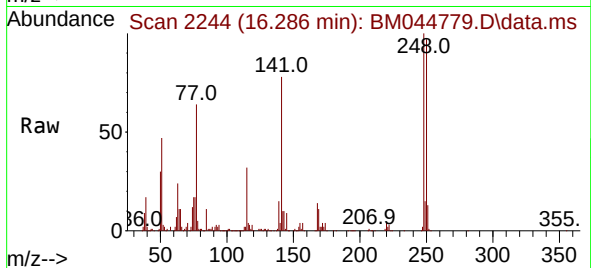




#67
4-Bromophenyl-phenylether
Concen: 48.641 ng
RT: 16.286 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

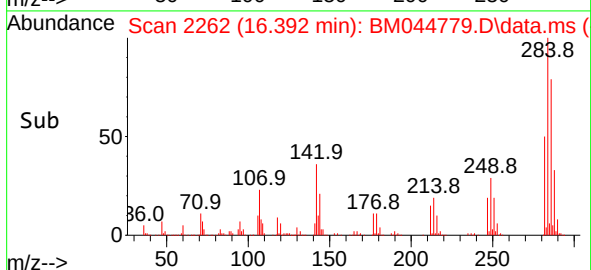
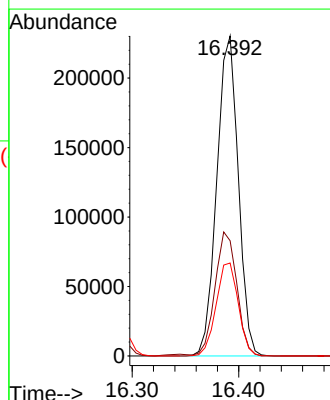
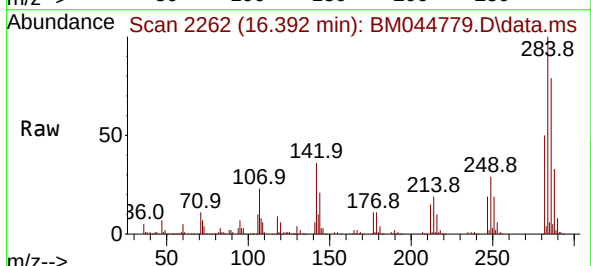
Instrument :
BNA_M
ClientSampleId :
PB159793BS

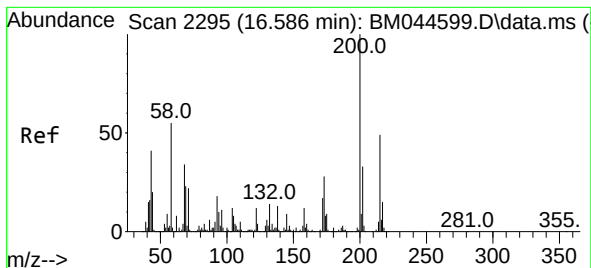
Tgt Ion:248 Resp: 276292
Ion Ratio Lower Upper
248 100
250 97.2 77.8 116.8
141 77.9 60.6 90.8



#68
Hexachlorobenzene
Concen: 53.286 ng
RT: 16.392 min Scan# 2262
Delta R.T. -0.006 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

Tgt Ion:284 Resp: 321746
Ion Ratio Lower Upper
284 100
142 36.0 33.7 50.5
249 29.0 24.8 37.2





#69

Atrazine

Concen: 38.293 ng

RT: 16.574 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM044779.D

Acq: 27 Mar 2024 15:05

Instrument :

BNA_M

ClientSampleId :

PB159793BS

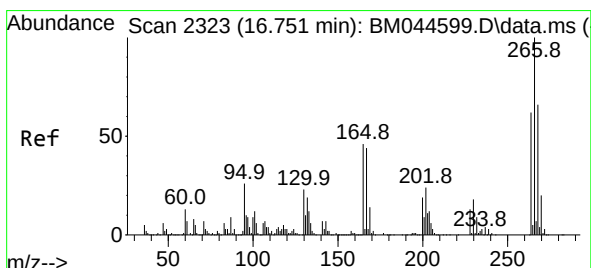
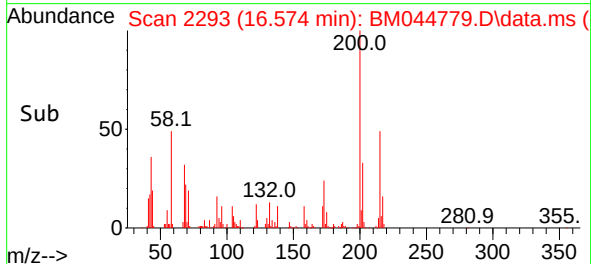
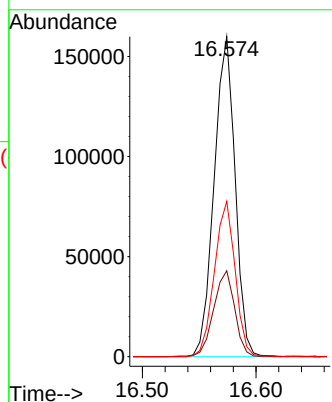
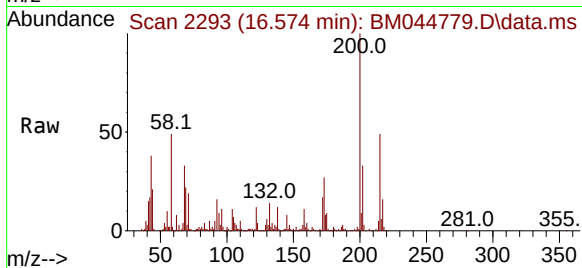
Tgt Ion:200 Resp: 204797

Ion Ratio Lower Upper

200 100

173 26.9 7.7 47.7

215 48.5 28.7 68.7



#70

Pentachlorophenol

Concen: 92.314 ng

RT: 16.745 min Scan# 2322

Delta R.T. -0.006 min

Lab File: BM044779.D

Acq: 27 Mar 2024 15:05

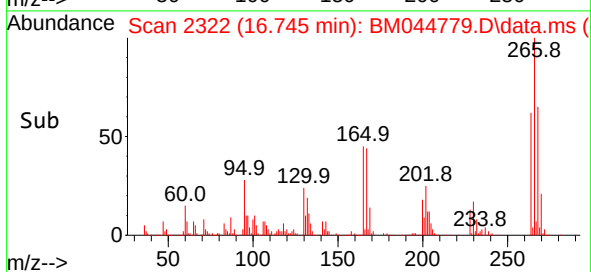
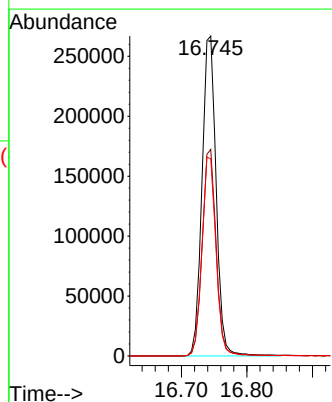
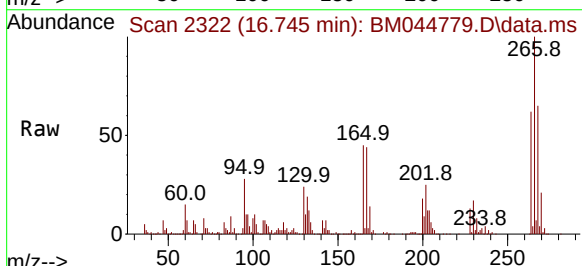
Tgt Ion:266 Resp: 400948

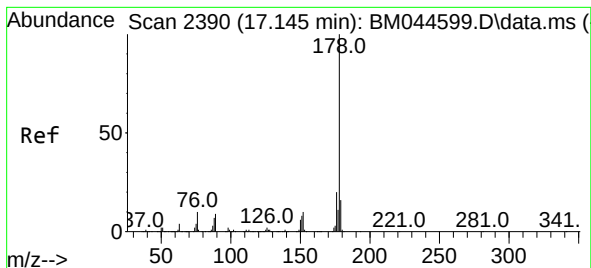
Ion Ratio Lower Upper

266 100

268 64.6 52.4 78.6

264 61.6 49.8 74.8





#71

Phenanthrene

Concen: 46.273 ng

RT: 17.133 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM044779.D

Acq: 27 Mar 2024 15:05

Instrument :

BNA_M

ClientSampleId :

PB159793BS

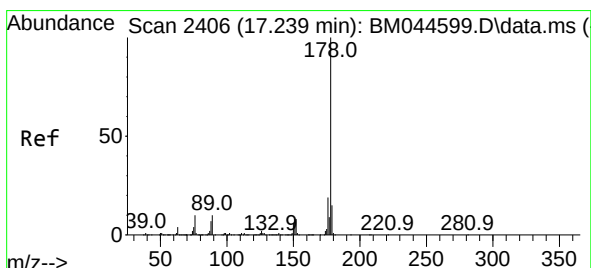
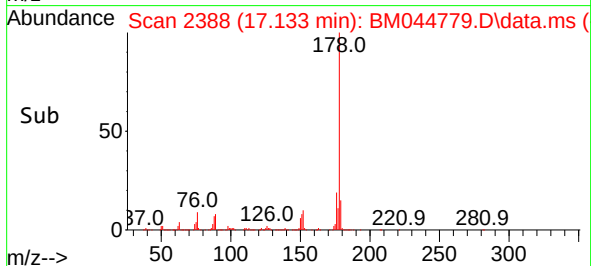
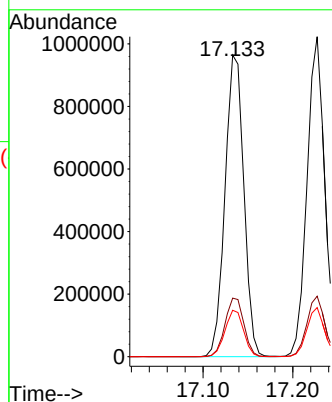
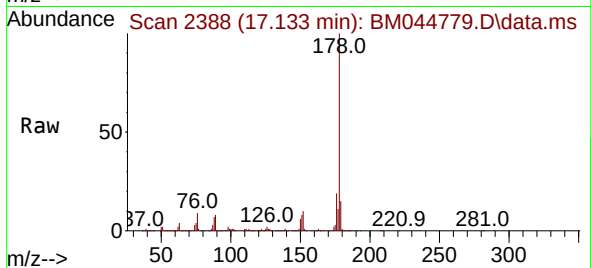
Tgt Ion:178 Resp: 1404300

Ion Ratio Lower Upper

178 100

176 19.4 15.7 23.5

179 15.4 12.4 18.6



#72

Anthracene

Concen: 46.041 ng

RT: 17.227 min Scan# 2404

Delta R.T. -0.012 min

Lab File: BM044779.D

Acq: 27 Mar 2024 15:05

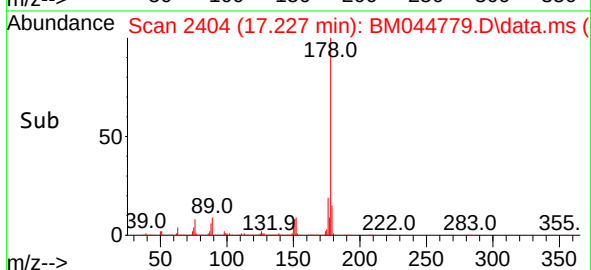
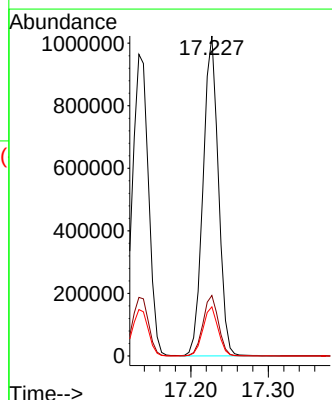
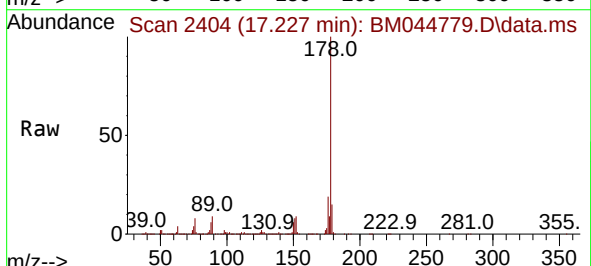
Tgt Ion:178 Resp: 1401366

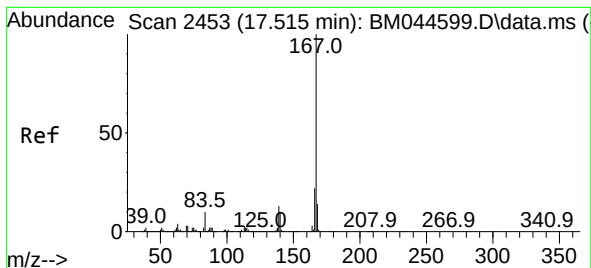
Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

179 15.3 12.2 18.4





#73

Carbazole

Concen: 45.125 ng

RT: 17.504 min Scan# 24

Delta R.T. -0.012 min

Lab File: BM044779.D

Acq: 27 Mar 2024 15:05

Instrument :

BNA_M

ClientSampleId :

PB159793BS

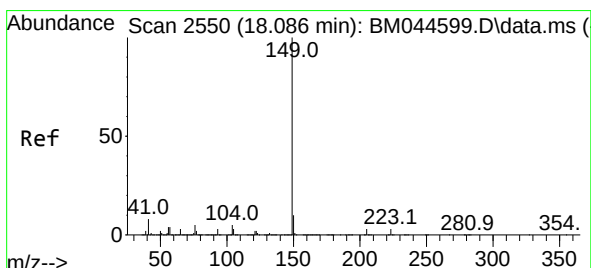
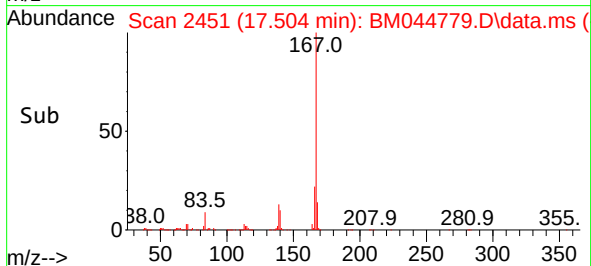
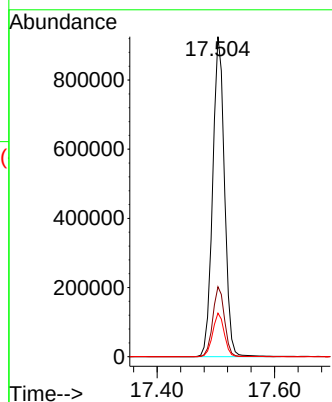
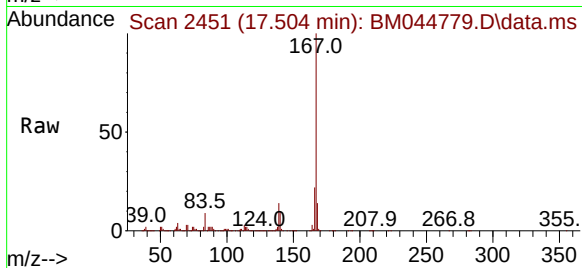
Tgt Ion:167 Resp: 1293600

Ion Ratio Lower Upper

167 100

166 21.9 17.2 25.8

139 13.6 10.6 15.8



#74

Di-n-butylphthalate

Concen: 42.090 ng

RT: 18.074 min Scan# 2548

Delta R.T. -0.012 min

Lab File: BM044779.D

Acq: 27 Mar 2024 15:05

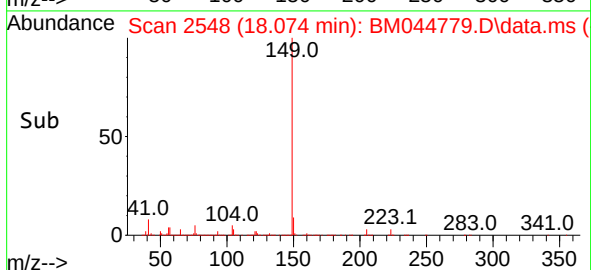
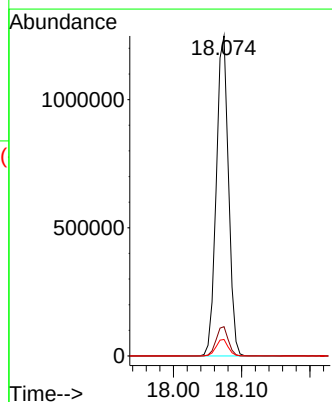
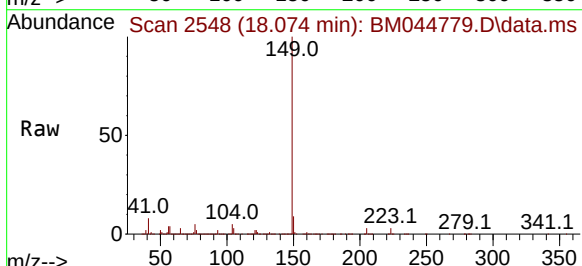
Tgt Ion:149 Resp: 1554745

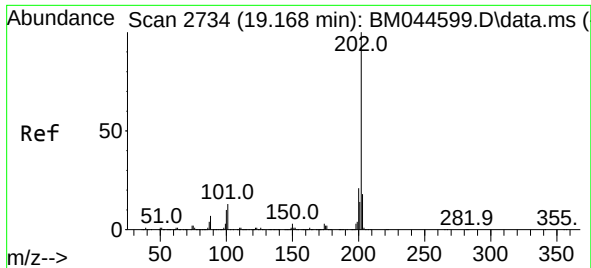
Ion Ratio Lower Upper

149 100

150 9.2 7.6 11.4

104 5.2 4.0 6.0

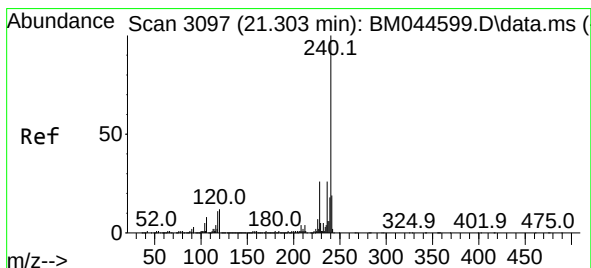
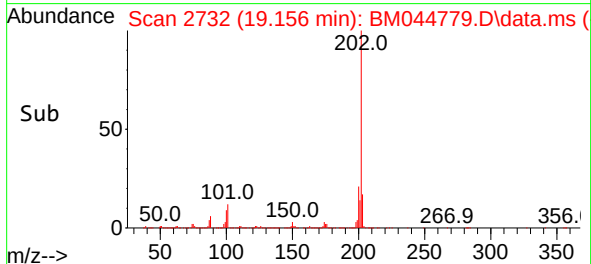
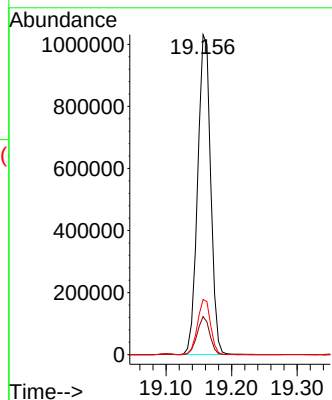
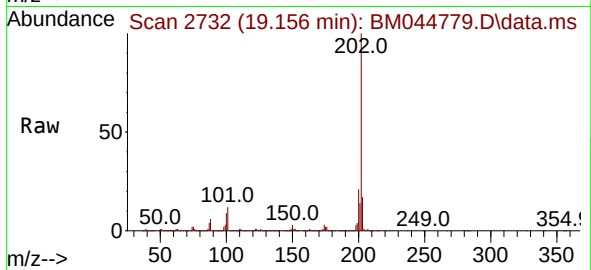




#75
Fluoranthene
Concen: 41.946 ng
RT: 19.156 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

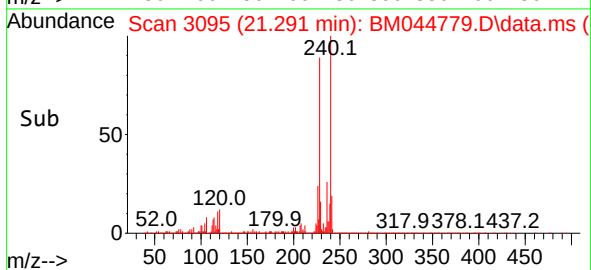
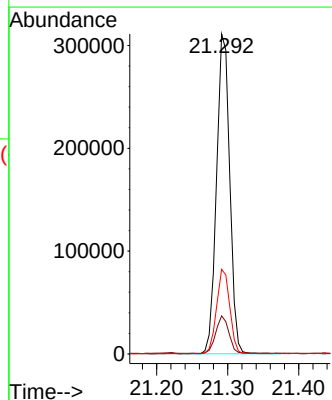
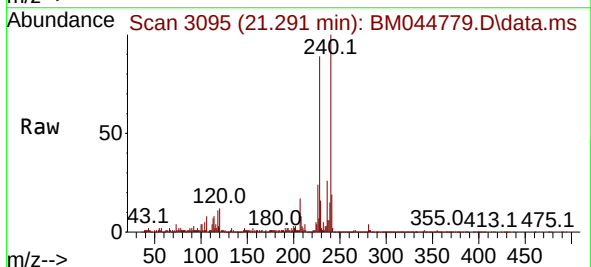
Instrument :
BNA_M
ClientSampleId :
PB159793BS

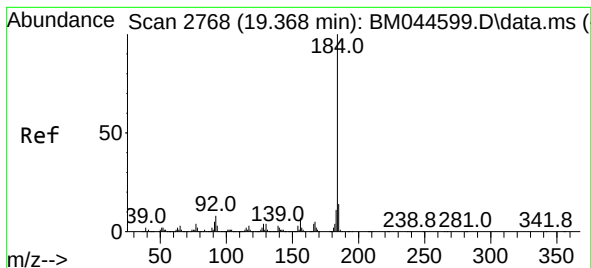
Tgt Ion:202 Resp: 1422989
Ion Ratio Lower Upper
202 100
101 11.9 0.0 33.3
203 17.3 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.291 min Scan# 3095
Delta R.T. -0.012 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

Tgt Ion:240 Resp: 399560
Ion Ratio Lower Upper
240 100
120 11.9 9.7 14.5
236 26.5 21.0 31.4





#77

Benzidine

Concen: 40.467 ng

RT: 19.356 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM044779.D

Acq: 27 Mar 2024 15:05

Instrument :

BNA_M

ClientSampleId :

PB159793BS

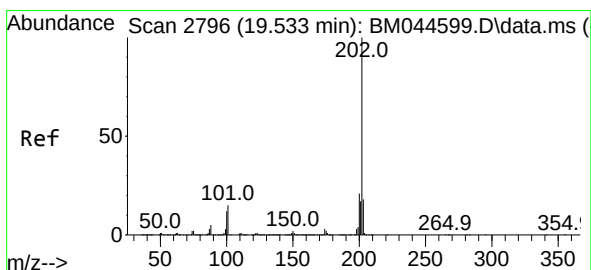
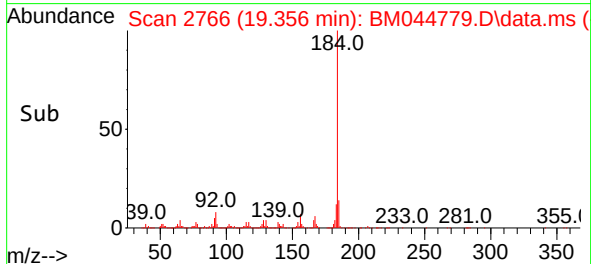
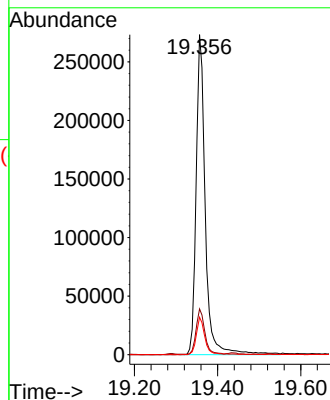
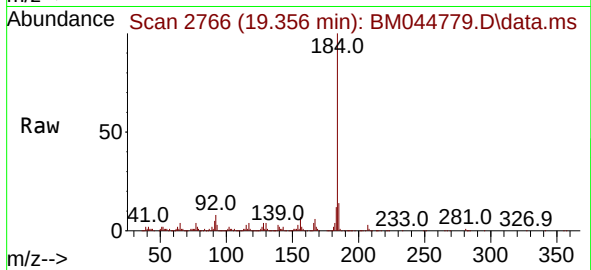
Tgt Ion:184 Resp: 417891

Ion Ratio Lower Upper

184 100

185 14.3 11.0 16.6

183 11.7 8.7 13.1



#78

Pyrene

Concen: 50.531 ng

RT: 19.521 min Scan# 2794

Delta R.T. -0.012 min

Lab File: BM044779.D

Acq: 27 Mar 2024 15:05

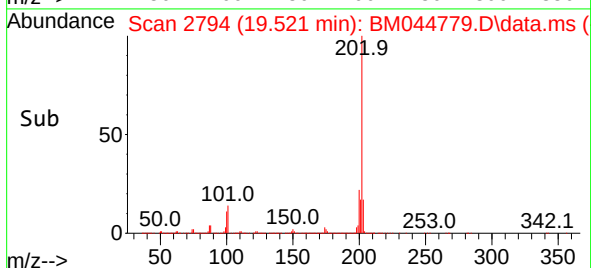
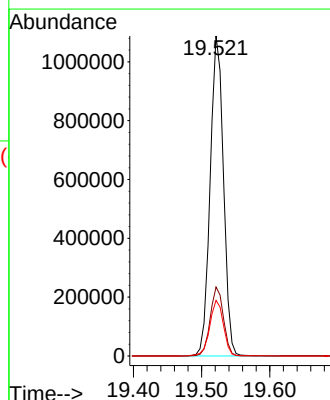
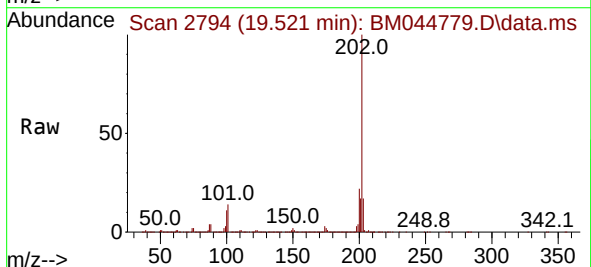
Tgt Ion:202 Resp: 1479783

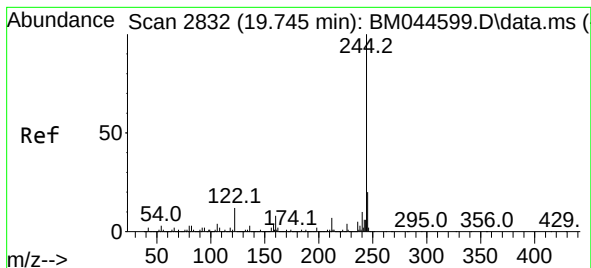
Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.4

203 17.4 14.1 21.1





#79

Terphenyl-d14

Concen: 94.804 ng

RT: 19.733 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM044779.D

Acq: 27 Mar 2024 15:05

Instrument :

BNA_M

ClientSampleId :

PB159793BS

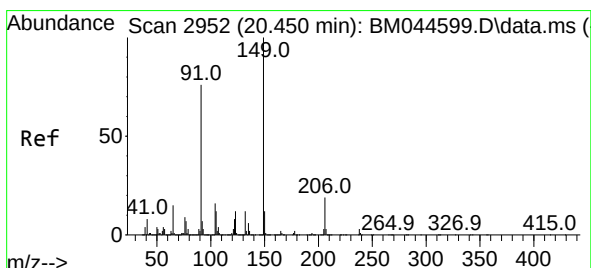
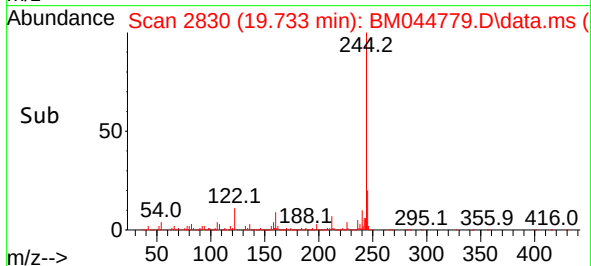
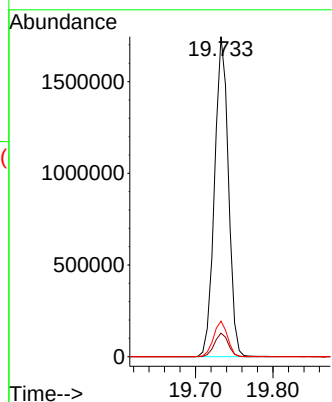
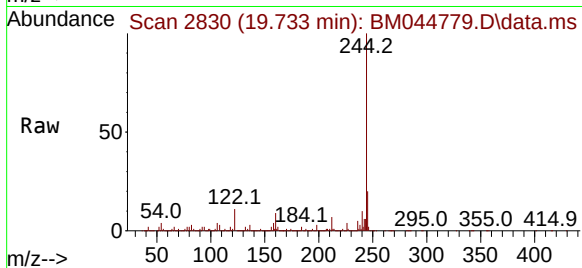
Tgt Ion:244 Resp: 2165361

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

122 11.1 9.7 14.5



#80

Butylbenzylphthalate

Concen: 47.305 ng

RT: 20.439 min Scan# 2950

Delta R.T. -0.012 min

Lab File: BM044779.D

Acq: 27 Mar 2024 15:05

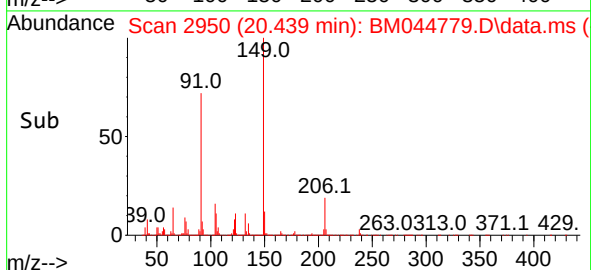
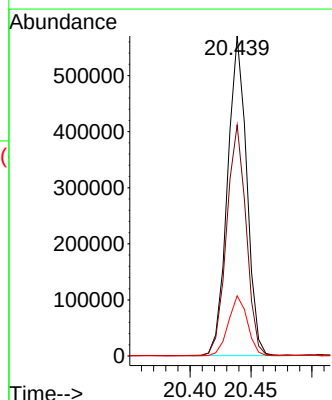
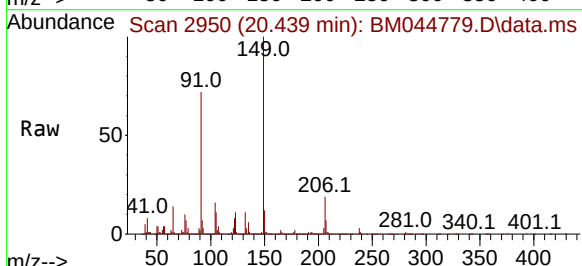
Tgt Ion:149 Resp: 624329

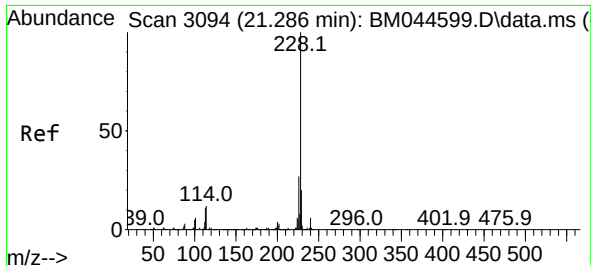
Ion Ratio Lower Upper

149 100

91 72.2 61.0 91.6

206 18.8 15.0 22.6

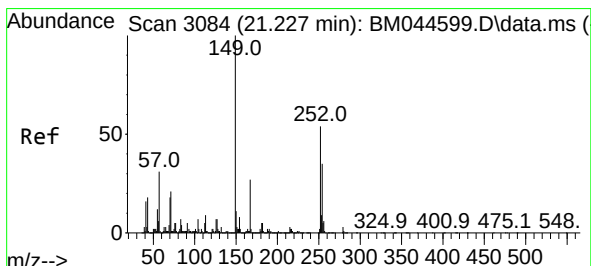
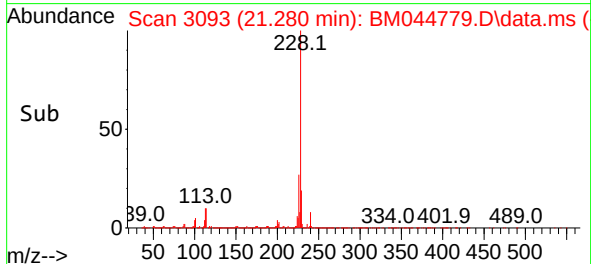
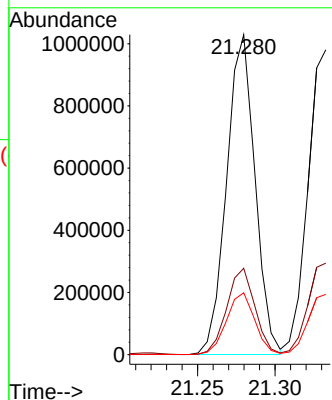
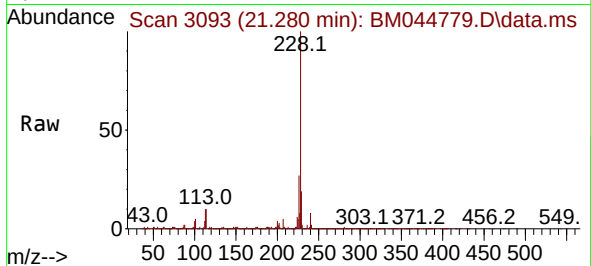




#81
Benzo(a)anthracene
Concen: 47.153 ng
RT: 21.280 min Scan# 3094
Delta R.T. -0.006 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

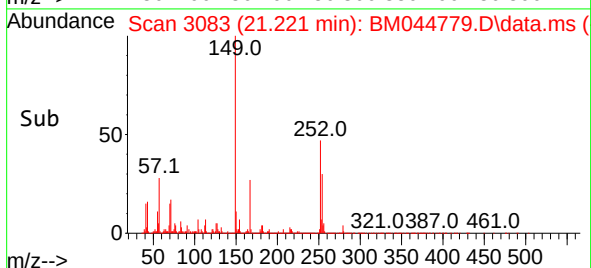
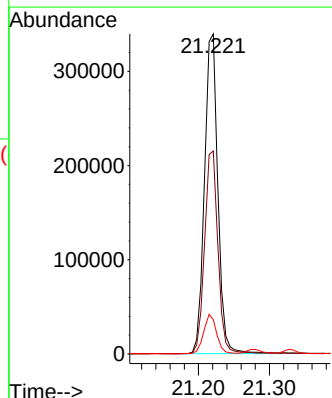
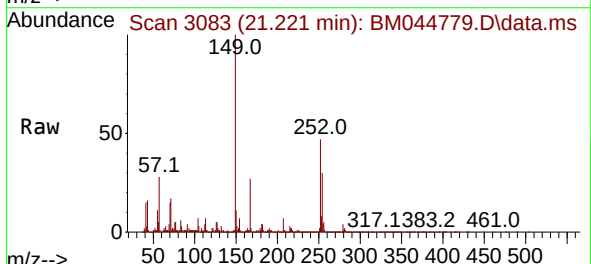
Instrument :
BNA_M
ClientSampleId :
PB159793BS

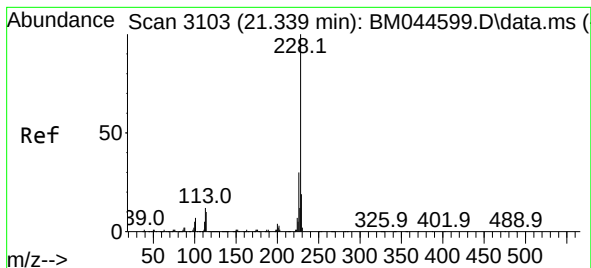
Tgt Ion:228 Resp: 1310932
Ion Ratio Lower Upper
228 100
226 27.0 21.9 32.9
229 19.3 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 46.564 ng
RT: 21.221 min Scan# 3083
Delta R.T. -0.006 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

Tgt Ion:252 Resp: 445853
Ion Ratio Lower Upper
252 100
254 63.4 51.4 77.0
126 10.7 9.8 14.6





#83

Chrysene

Concen: 45.824 ng

RT: 21.333 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM044779.D

Acq: 27 Mar 2024 15:05

Instrument :

BNA_M

ClientSampleId :

PB159793BS

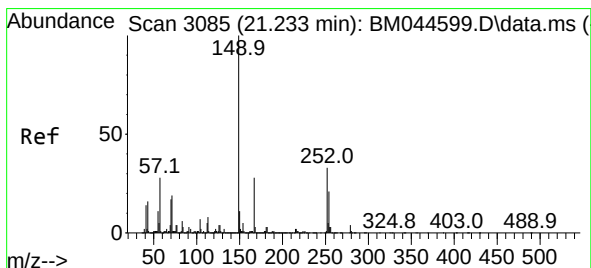
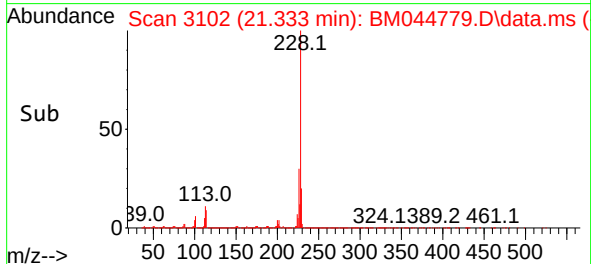
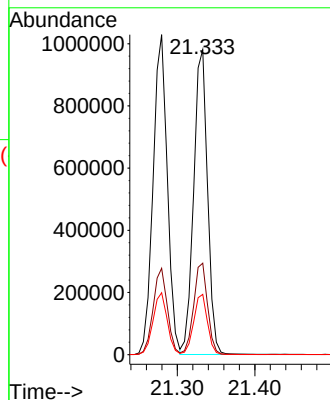
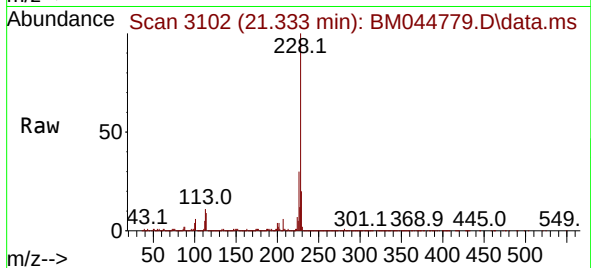
Tgt Ion:228 Resp: 1217353

Ion Ratio Lower Upper

228 100

226 30.0 23.6 35.4

229 19.8 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.319 ng

RT: 21.215 min Scan# 3082

Delta R.T. -0.018 min

Lab File: BM044779.D

Acq: 27 Mar 2024 15:05

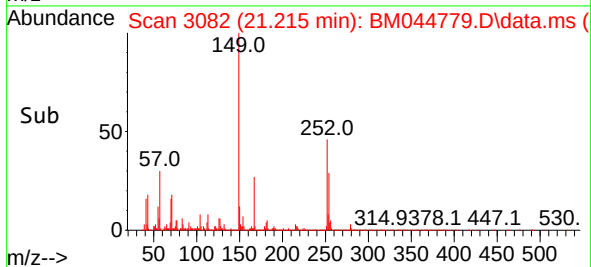
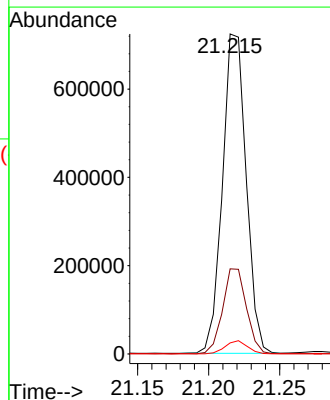
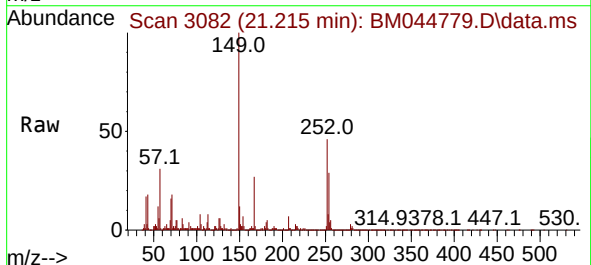
Tgt Ion:149 Resp: 841439

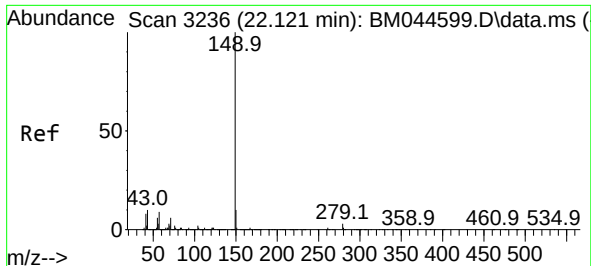
Ion Ratio Lower Upper

149 100

167 26.6 22.1 33.1

279 3.5 3.0 4.4

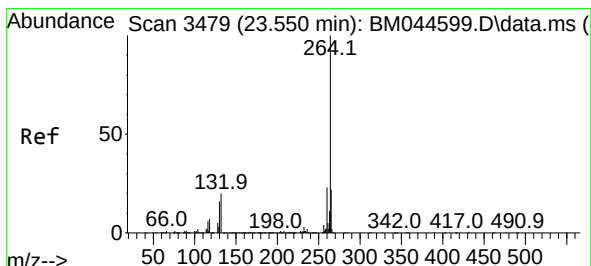
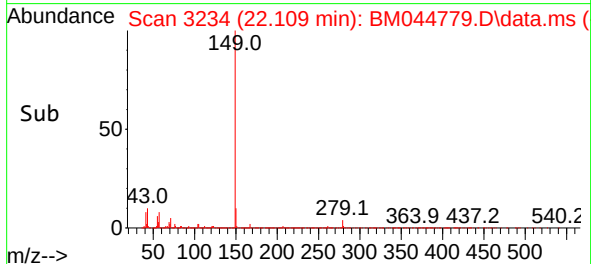
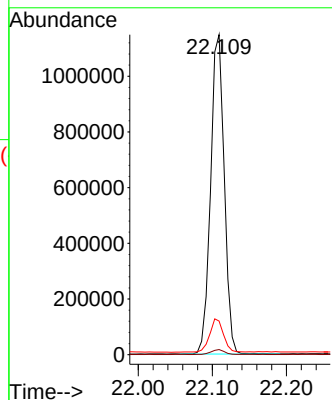
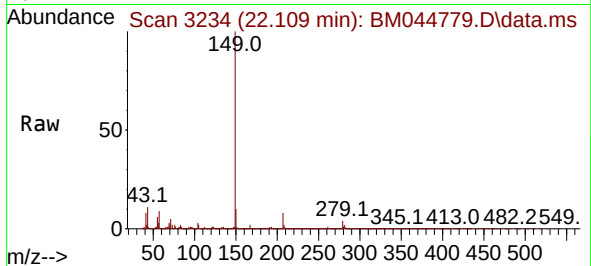




#85
Di-n-octyl phthalate
Concen: 42.410 ng
RT: 22.109 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

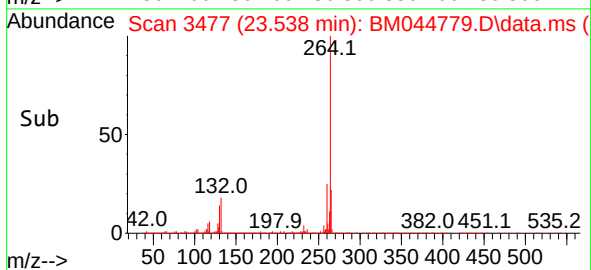
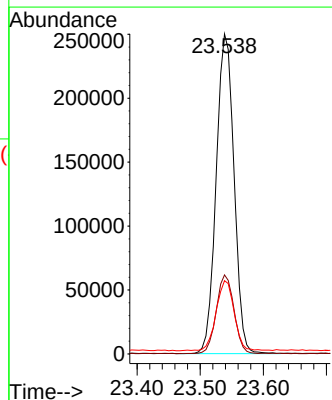
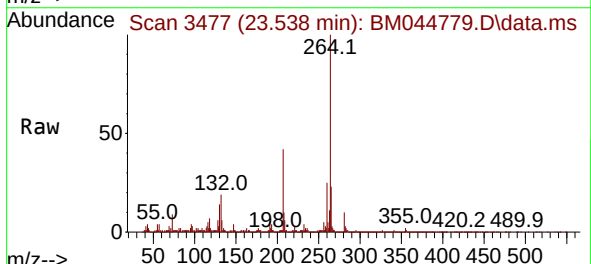
Instrument :
BNA_M
ClientSampleId :
PB159793BS

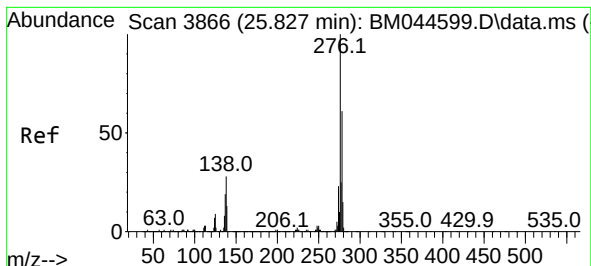
Tgt Ion:149 Resp: 1462692
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.6 7.9 11.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.538 min Scan# 3477
Delta R.T. -0.012 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

Tgt Ion:264 Resp: 489904
Ion Ratio Lower Upper
264 100
260 24.7 18.3 27.5
265 22.9 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 58.080 ng

RT: 25.821 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM044779.D

Acq: 27 Mar 2024 15:05

Instrument :

BNA_M

ClientSampleId :

PB159793BS

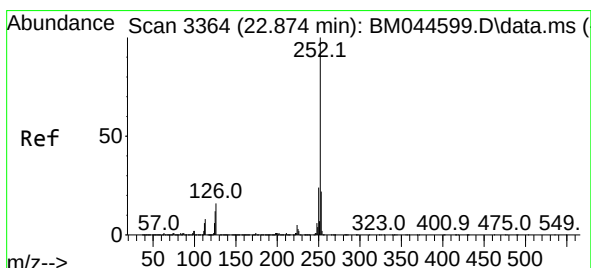
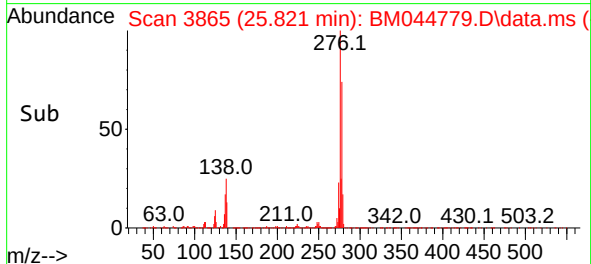
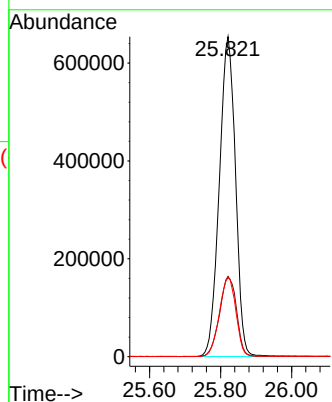
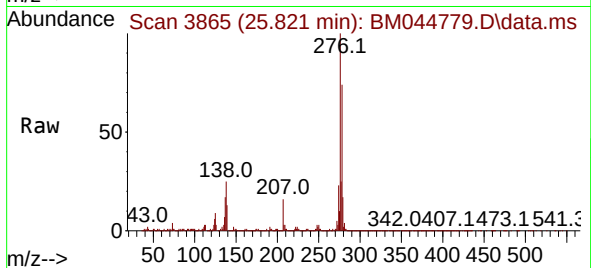
Tgt Ion:276 Resp: 2056958

Ion Ratio Lower Upper

276 100

138 26.1 23.6 35.4

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 50.715 ng

RT: 22.868 min Scan# 3363

Delta R.T. -0.006 min

Lab File: BM044779.D

Acq: 27 Mar 2024 15:05

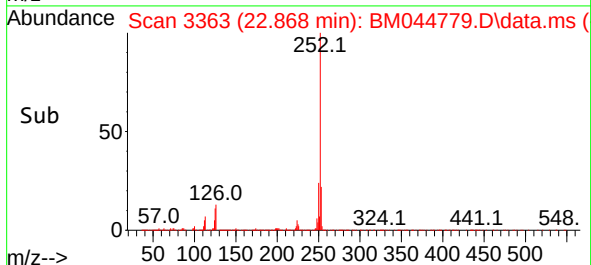
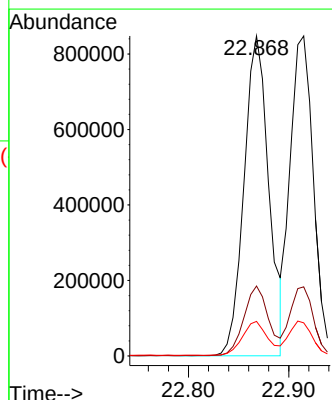
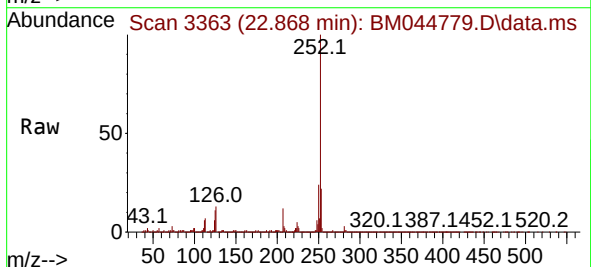
Tgt Ion:252 Resp: 1460114

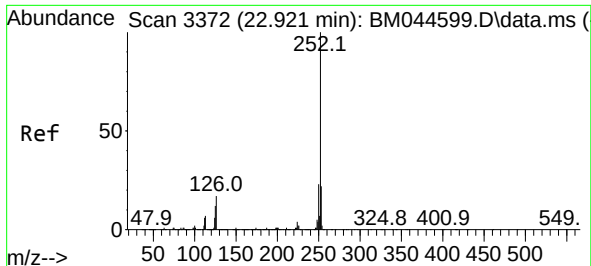
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

125 10.8 9.6 14.4

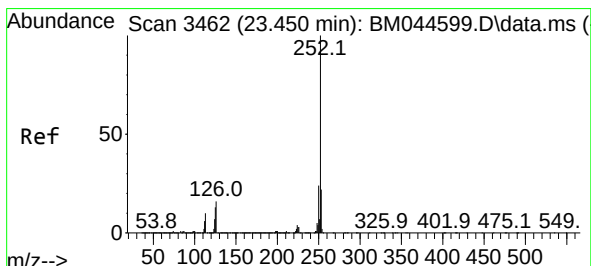
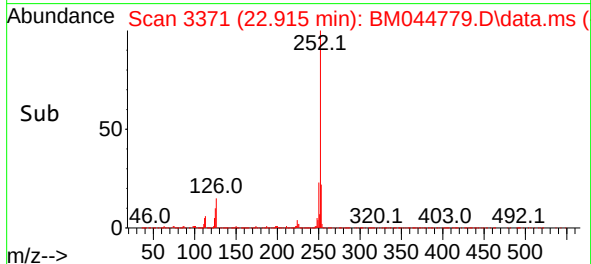
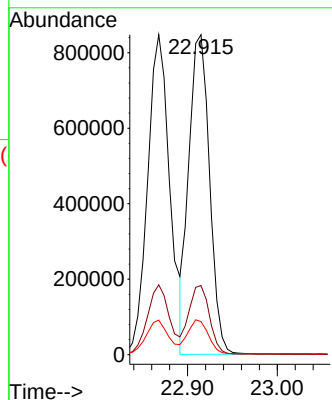
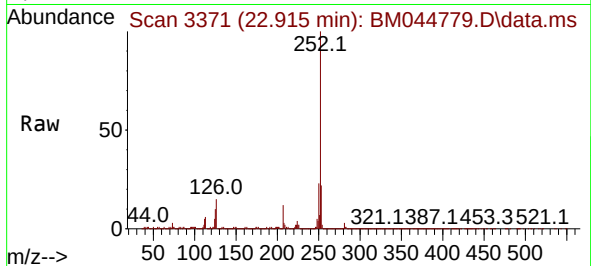




#89
Benzo(k)fluoranthene
Concen: 45.834 ng
RT: 22.915 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

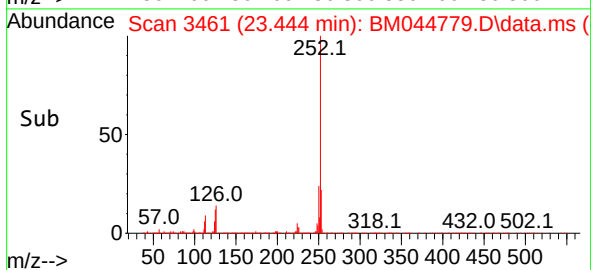
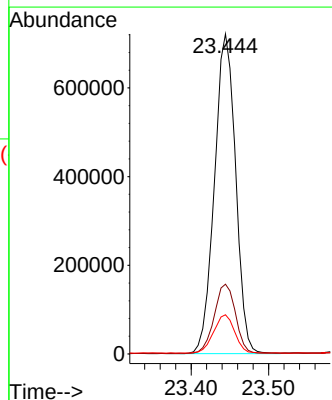
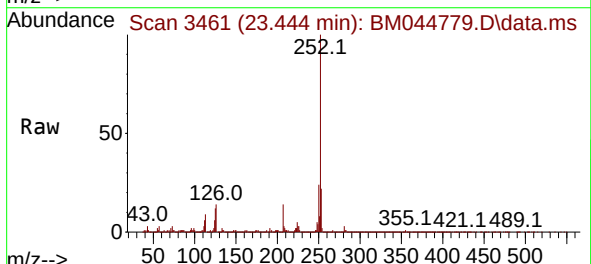
Instrument :
BNA_M
ClientSampleId :
PB159793BS

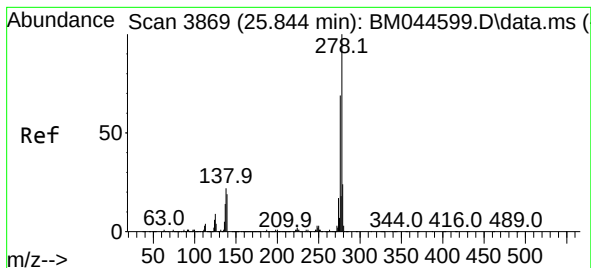
Tgt Ion:252 Resp: 1356544
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 10.3 9.4 14.0



#90
Benzo(a)pyrene
Concen: 48.817 ng
RT: 23.444 min Scan# 3461
Delta R.T. -0.006 min
Lab File: BM044779.D
Acq: 27 Mar 2024 15:05

Tgt Ion:252 Resp: 1370844
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 12.3 10.5 15.7





#91

Dibenzo(a,h)anthracene

Concen: 57.269 ng

RT: 25.838 min Scan# 391

Delta R.T. -0.006 min

Lab File: BM044779.D

Acq: 27 Mar 2024 15:05

Instrument :

BNA_M

ClientSampleId :

PB159793BS

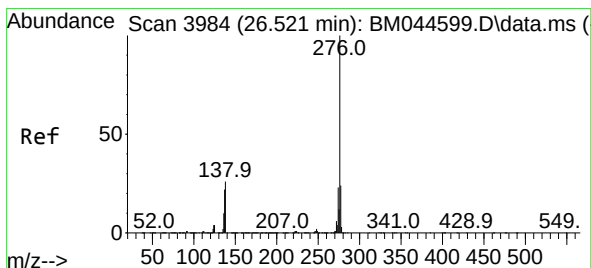
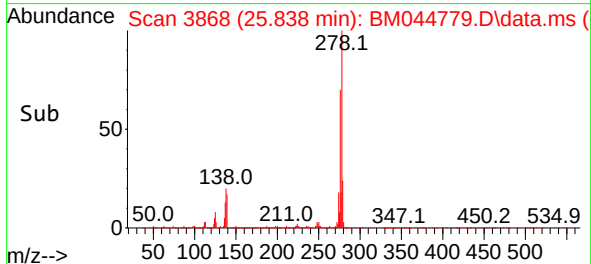
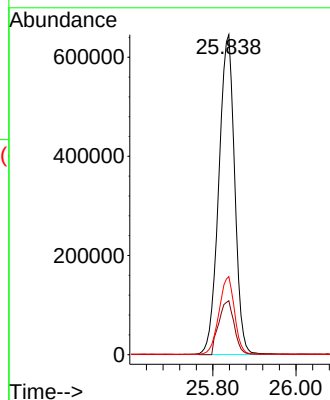
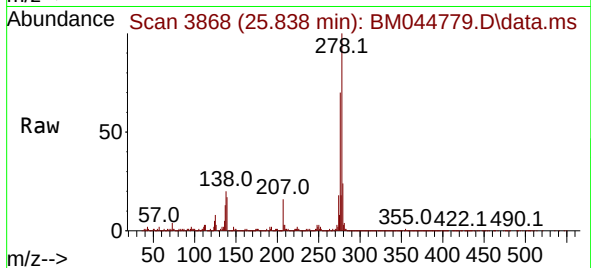
Tgt Ion:278 Resp: 1709884

Ion Ratio Lower Upper

278 100

139 16.8 15.0 22.6

279 24.4 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 58.148 ng

RT: 26.515 min Scan# 3983

Delta R.T. -0.006 min

Lab File: BM044779.D

Acq: 27 Mar 2024 15:05

Tgt Ion:276 Resp: 1709036

Ion Ratio Lower Upper

276 100

277 24.1 19.3 28.9

138 22.9 20.7 31.1

