

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080823\
 Data File : BM041324.D
 Acq On : 08 Aug 2023 10:47
 Operator : MA/JU
 Sample : PB154586BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154586BS

Quant Time: Aug 09 01:12:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 17:25:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	159238	20.000	ng	0.00
21) Naphthalene-d8	10.586	136	613069	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	343483	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	710567	20.000	ng	0.00
76) Chrysene-d12	21.421	240	699380	20.000	ng	0.00
86) Perylene-d12	23.786	264	785136	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1144128	107.386	ng	0.00
7) Phenol-d6	6.969	99	1400162	101.383	ng	0.00
23) Nitrobenzene-d5	8.963	82	913834	69.319	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	541140	111.383	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	1884439	69.305	ng	0.00
79) Terphenyl-d14	19.851	244	2932079	75.801	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.252	88	123421	27.079	ng	97
3) Pyridine	3.657	79	318558	26.582	ng	97
4) n-Nitrosodimethylamine	3.575	42	187305	33.794	ng	96
6) Aniline	7.116	93	514772	31.850	ng	99
8) 2-Chlorophenol	7.345	128	411100	39.524	ng	98
9) Benzaldehyde	6.934	77	244533	33.556	ng	98
10) Phenol	6.993	94	510977	38.308	ng	96
11) bis(2-Chloroethyl)ether	7.216	93	405224	37.530	ng	98
12) 1,3-Dichlorobenzene	7.669	146	455485	40.230	ng	99
13) 1,4-Dichlorobenzene	7.816	146	464815	40.845	ng	99
14) 1,2-Dichlorobenzene	8.134	146	442939	40.594	ng	99
15) Benzyl Alcohol	8.040	79	374271	42.913	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.322	45	495607	34.451	ng	97
17) 2-Methylphenol	8.245	107	332527	36.490	ng	98
18) Hexachloroethane	8.851	117	174444	41.175	ng	90
19) n-Nitroso-di-n-propyla...	8.604	70	317398	37.838	ng	97
20) 3+4-Methylphenols	8.575	107	443577	36.405	ng	96
22) Acetophenone	8.622	105	606848	37.375	ng	99
24) Nitrobenzene	9.004	77	483152	36.241	ng	100
25) Isophorone	9.528	82	830308	37.103	ng	99
26) 2-Nitrophenol	9.710	139	218456	41.917	ng	95
27) 2,4-Dimethylphenol	9.775	122	326071	35.555	ng	96
28) bis(2-Chloroethoxy)met...	10.010	93	497130	35.464	ng	99
29) 2,4-Dichlorophenol	10.245	162	365573	39.529	ng	99
30) 1,2,4-Trichlorobenzene	10.451	180	415923	40.705	ng	98
31) Naphthalene	10.639	128	1203544	36.177	ng	99
32) Benzoic acid	9.951	122	255475	38.717	ng	97
33) 4-Chloroaniline	10.769	127	357256	26.871	ng	100
34) Hexachlorobutadiene	10.904	225	264683	43.070	ng	99
35) Caprolactam	11.586	113	77640	29.020	ng	# 88
36) 4-Chloro-3-methylphenol	11.904	107	367476	37.752	ng	99
37) 2-Methylnaphthalene	12.257	142	791819	35.303	ng	98
38) 1-Methylnaphthalene	12.480	142	755800	36.004	ng	100
40) 1,2,4,5-Tetrachloroben...	12.627	216	441498	39.585	ng	98
41) Hexachlorocyclopentadiene	12.592	237	488334	82.760	ng	99
43) 2,4,6-Trichlorophenol	12.880	196	285961	40.002	ng	99

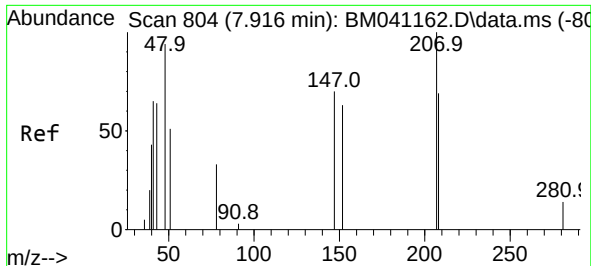
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	308408	37.274	ng	98
46) 1,1'-Biphenyl	13.280	154	1017394	36.537	ng	99
47) 2-Chloronaphthalene	13.322	162	794300	38.203	ng	99
48) 2-Nitroaniline	13.545	65	245408	36.977	ng	99
49) Acenaphthylene	14.174	152	1255522	37.412	ng	99
50) Dimethylphthalate	13.922	163	952651	36.871	ng	99
51) 2,6-Dinitrotoluene	14.051	165	207646	38.787	ng	98
52) Acenaphthene	14.516	154	717300	35.480	ng	100
53) 3-Nitroaniline	14.386	138	177951	29.760	ng	97
54) 2,4-Dinitrophenol	14.598	184	278971	77.372	ng	94
55) Dibenzofuran	14.851	168	1170523	35.486	ng	99
56) 4-Nitrophenol	14.704	139	345733	77.489	ng	95
57) 2,4-Dinitrotoluene	14.845	165	282122	37.520	ng	95
58) Fluorene	15.504	166	935807	35.963	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.086	232	267644	39.947	ng	97
60) Diethylphthalate	15.286	149	942578	37.724	ng	99
61) 4-Chlorophenyl-phenyle...	15.498	204	488415	37.456	ng	99
62) 4-Nitroaniline	15.557	138	198063	35.838	ng	97
63) Azobenzene	15.792	77	964218	35.230	ng	99
65) 4,6-Dinitro-2-methylph...	15.610	198	173502	40.306	ng	91
66) n-Nitrosodiphenylamine	15.721	169	786783	35.602	ng	99
67) 4-Bromophenyl-phenylether	16.398	248	297482	38.184	ng	99
68) Hexachlorobenzene	16.510	284	349219	40.311	ng	97
69) Atrazine	16.686	200	287166	49.481	ng	99
70) Pentachlorophenol	16.863	266	404315	67.399	ng	99
71) Phenanthrene	17.251	178	1426763	36.139	ng	99
72) Anthracene	17.345	178	1440586	36.895	ng	100
73) Carbazole	17.627	167	1330610	37.651	ng	99
74) Di-n-butylphthalate	18.186	149	1650144	41.321	ng	100
75) Fluoranthene	19.280	202	1703453	38.406	ng	99
77) Benzidine	19.480	184	891677	93.541	ng	100
78) Pyrene	19.645	202	1798693	36.777	ng	100
80) Butylbenzylphthalate	20.551	149	763490	42.747	ng	97
81) Benzo(a)anthracene	21.403	228	1829052	38.578	ng	98
82) 3,3'-Dichlorobenzidine	21.345	252	664259	42.935	ng	98
83) Chrysene	21.456	228	1665216	36.311	ng	98
84) Bis(2-ethylhexyl)phtha...	21.321	149	1144774	40.765	ng	98
85) Di-n-octyl phthalate	22.239	149	1959229	43.404	ng	96
87) Indeno(1,2,3-cd)pyrene	26.238	276	2138310	37.044	ng	96
88) Benzo(b)fluoranthene	23.068	252	1873069	40.159	ng	98
89) Benzo(k)fluoranthene	23.115	252	1757885	36.845	ng	98
90) Benzo(a)pyrene	23.686	252	1626512	36.293	ng	98
91) Dibenzo(a,h)anthracene	26.250	278	1815131	37.700	ng	97
92) Benzo(g,h,i)perylene	26.997	276	1690290	35.879	ng	96

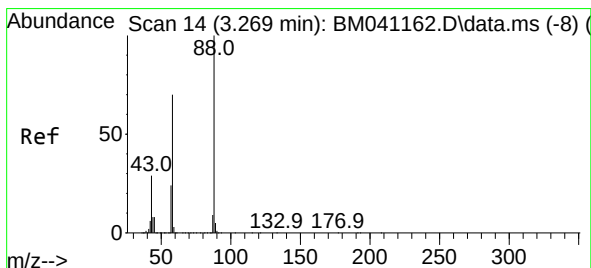
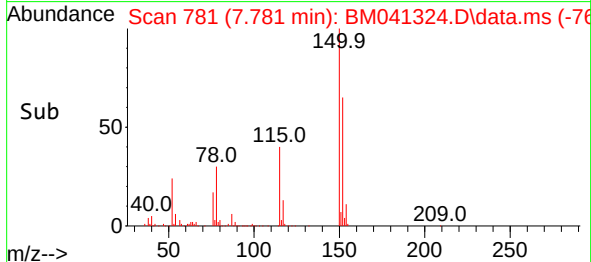
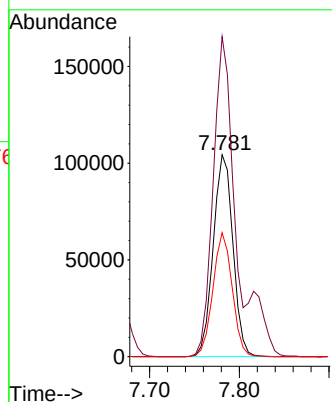
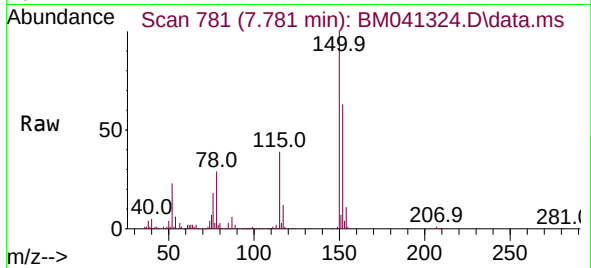
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.781 min Scan# 781
Delta R.T. -0.006 min
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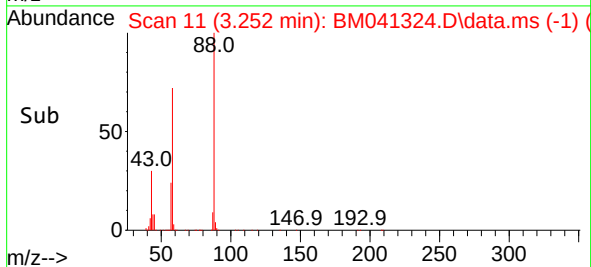
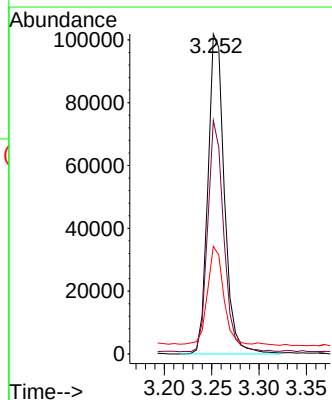
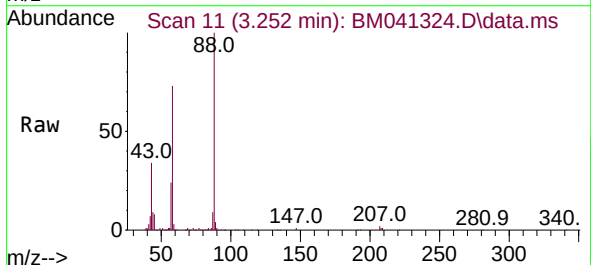
Instrument :
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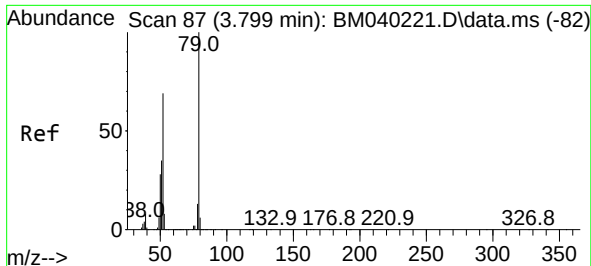
Tgt Ion:152 Resp: 159238
Ion Ratio Lower Upper
152 100
150 158.5 125.5 188.3
115 61.4 48.0 72.0



#2
1,4-Dioxane
Concen: 27.079 ng
RT: 3.252 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

Tgt Ion: 88 Resp: 123421
Ion Ratio Lower Upper
88 100
58 70.4 58.2 87.4
43 29.5 24.4 36.6

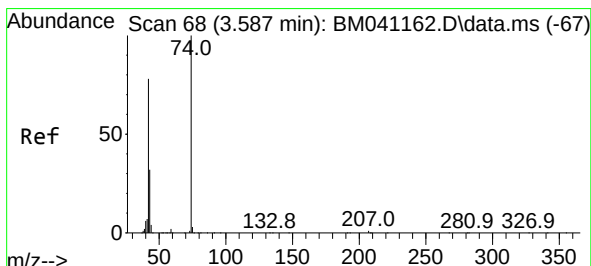
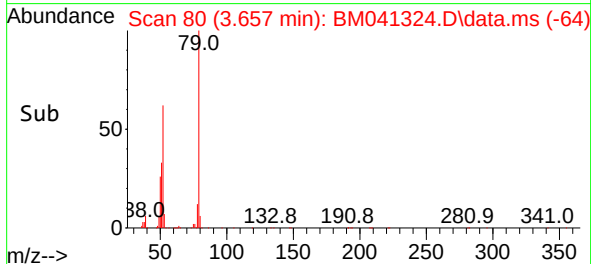
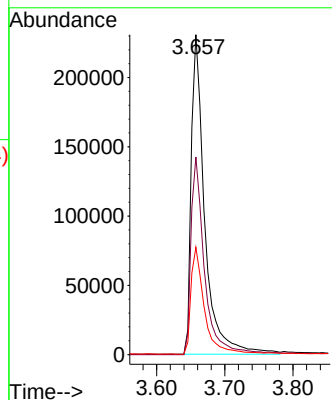
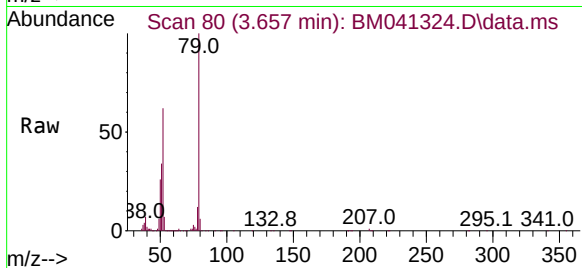




#3
 Pyridine
 Concen: 26.582 ng
 RT: 3.657 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BM041324.D
 Acq: 08 Aug 2023 10:47

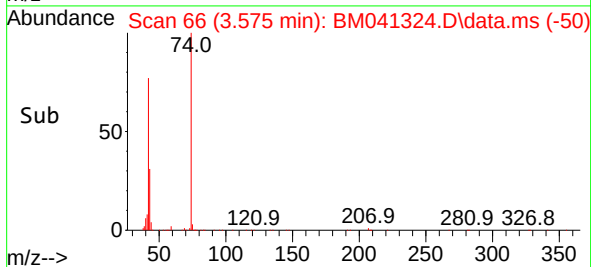
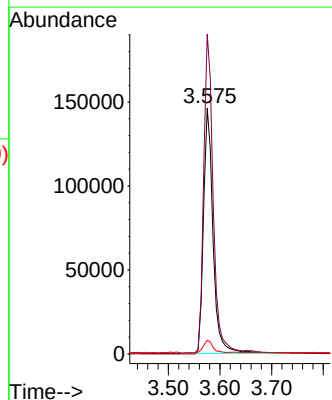
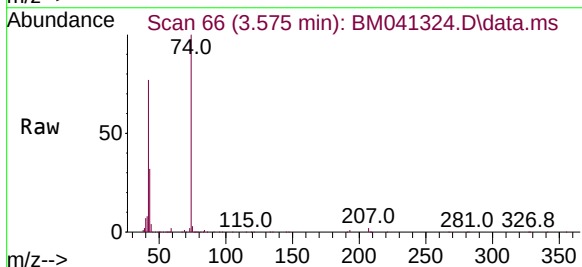
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 ClientSampleId :
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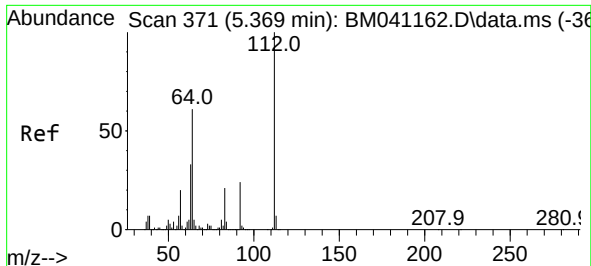
Tgt Ion: 79 Resp: 318558
 Ion Ratio Lower Upper
 79 100
 52 61.7 52.1 78.1
 51 33.5 27.5 41.3



#4
 n-Nitrosodimethylamine
 Concen: 33.794 ng
 RT: 3.575 min Scan# 66
 Delta R.T. -0.006 min
 Lab File: BM041324.D
 Acq: 08 Aug 2023 10:47

Tgt Ion: 42 Resp: 187305
 Ion Ratio Lower Upper
 42 100
 74 130.2 100.8 151.2
 44 5.5 5.0 7.4

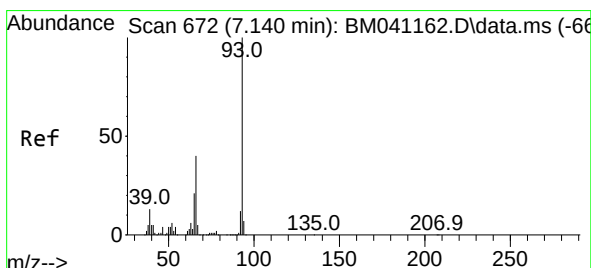
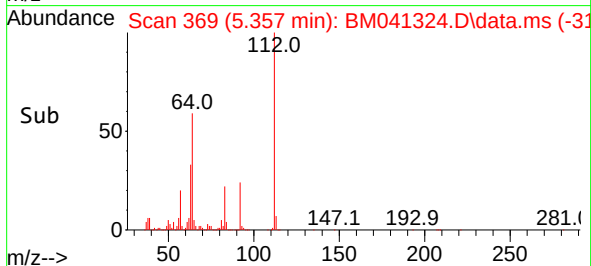
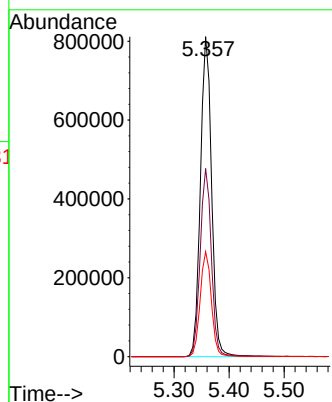
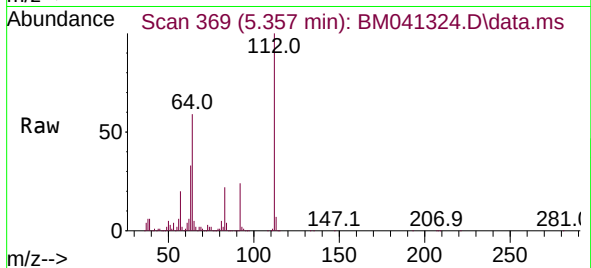




#5
2-Fluorophenol
Concen: 107.386 ng
RT: 5.357 min Scan# 30
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

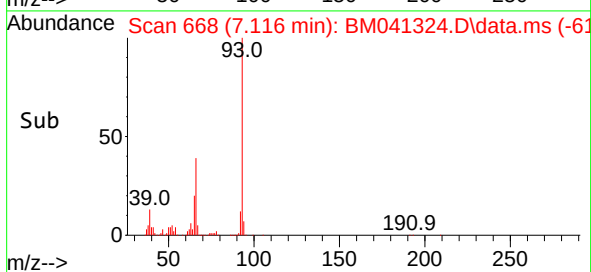
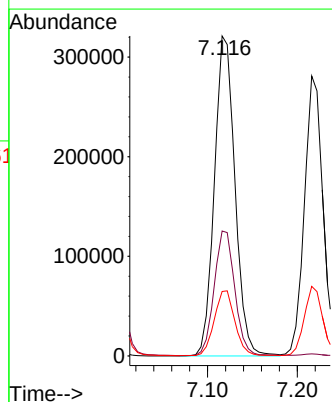
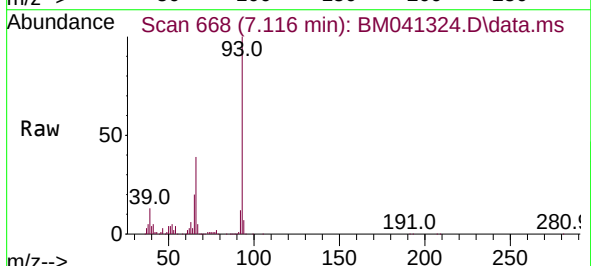
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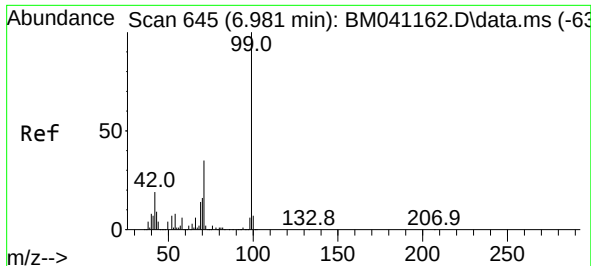
Tgt Ion:112 Resp: 1144128
Ion Ratio Lower Upper
112 100
64 58.8 48.5 72.7
63 32.8 26.5 39.7



#6
Aniline
Concen: 31.850 ng
RT: 7.116 min Scan# 668
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

Tgt Ion: 93 Resp: 514772
Ion Ratio Lower Upper
93 100
66 39.0 32.0 48.0
65 20.1 16.6 24.8

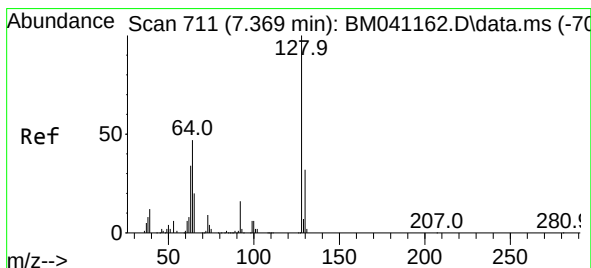
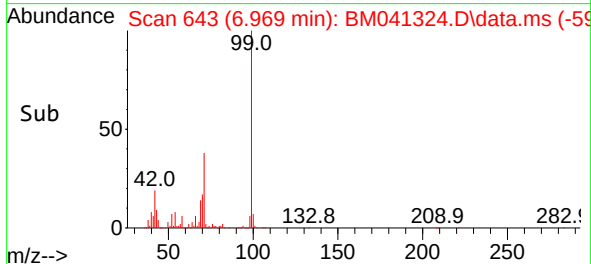
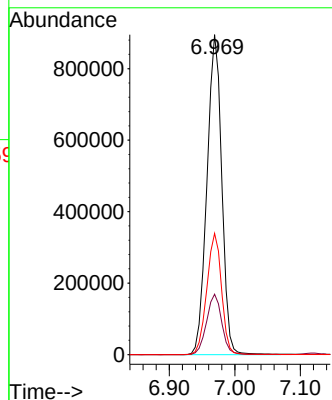
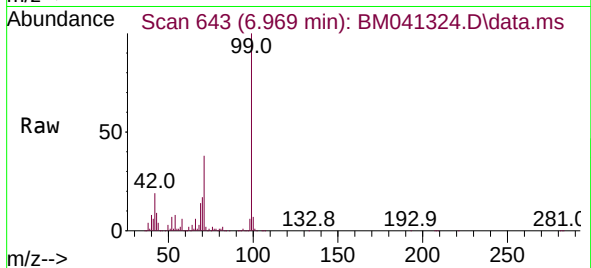




#7
Phenol-d6
Concen: 101.383 ng
RT: 6.969 min Scan# 64
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

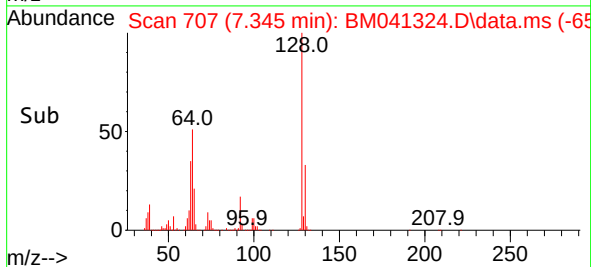
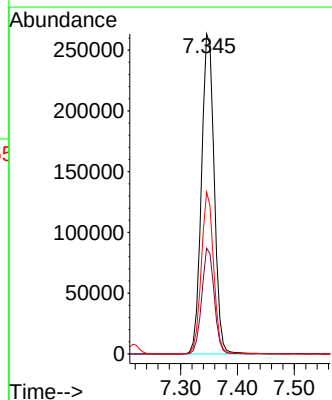
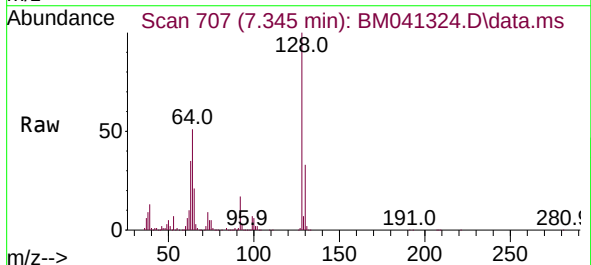
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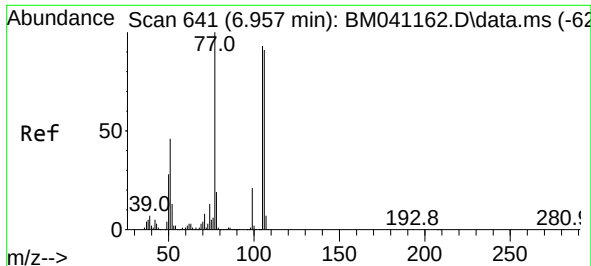
Tgt Ion: 99 Resp: 1400162
Ion Ratio Lower Upper
99 100
42 18.9 15.4 23.0
71 37.9 28.2 42.4



#8
2-Chlorophenol
Concen: 39.524 ng
RT: 7.345 min Scan# 707
Delta R.T. -0.006 min
Lab File: BM041324.D
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Tgt Ion: 128 Resp: 411100
Ion Ratio Lower Upper
128 100
130 33.0 12.3 52.3
64 50.6 29.3 69.3

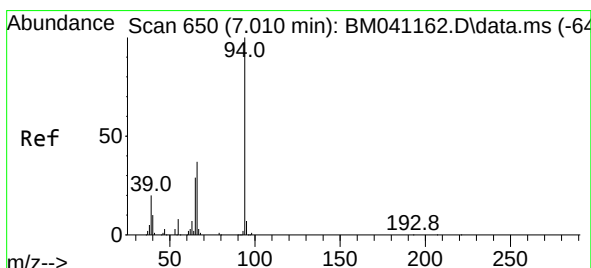
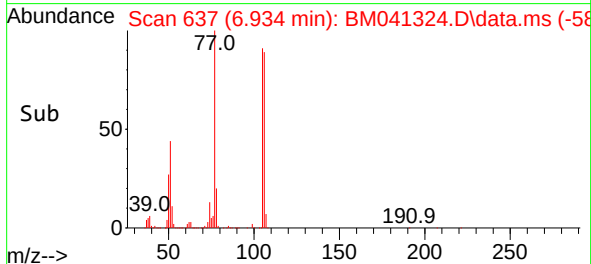
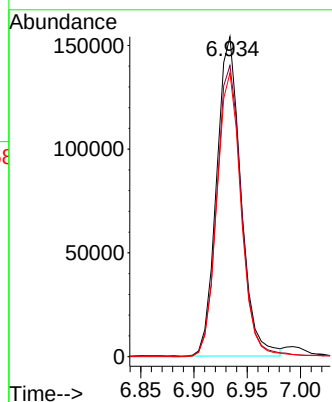
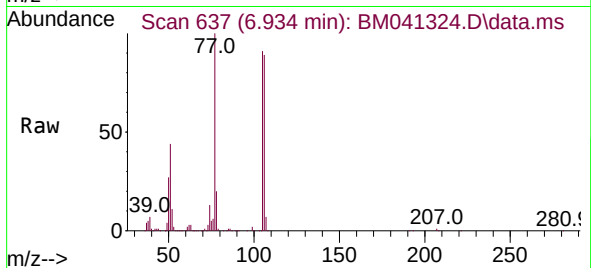




#9
Benzaldehyde
Concen: 33.556 ng
RT: 6.934 min Scan# 641
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

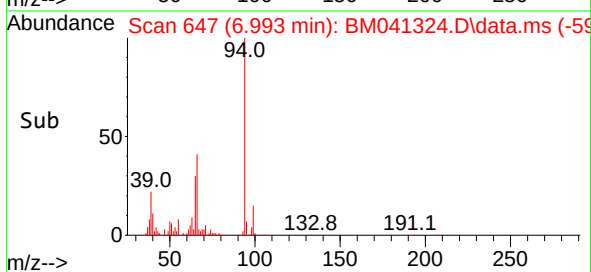
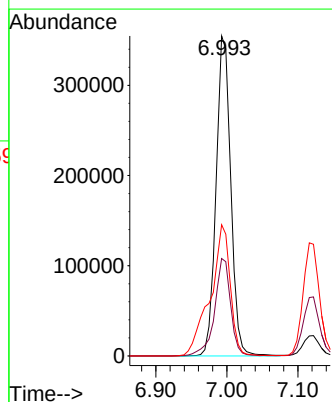
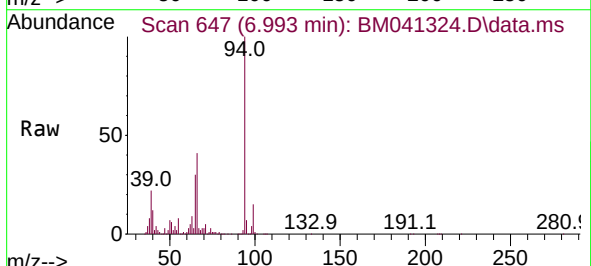
Instrument :
BNA_M
ClientSampleId :
PB154586BS

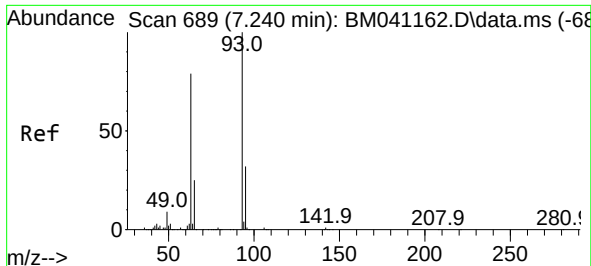
Tgt Ion: 77 Resp: 244533
Ion Ratio Lower Upper
77 100
105 91.0 72.8 112.8
106 88.7 70.8 110.8



#10
Phenol
Concen: 38.308 ng
RT: 6.993 min Scan# 647
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

Tgt Ion: 94 Resp: 510977
Ion Ratio Lower Upper
94 100
65 30.4 9.5 49.5
66 41.0 18.0 58.0

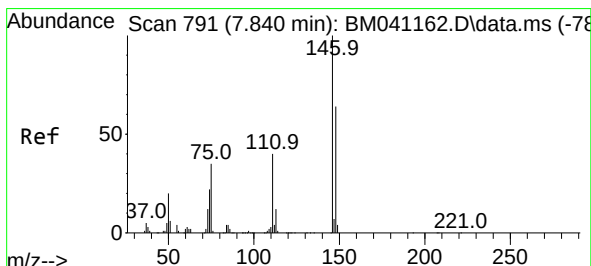
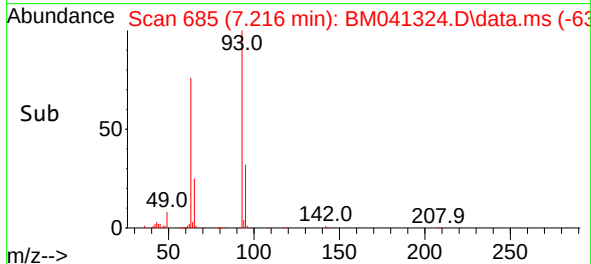
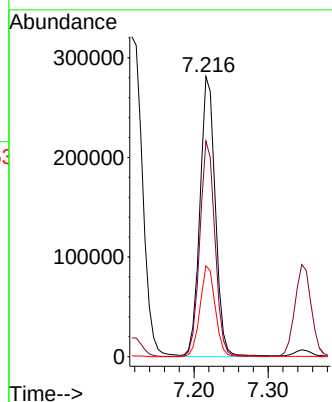
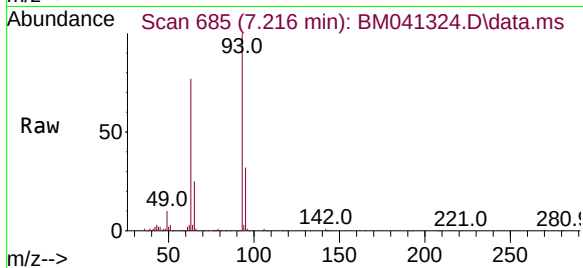




#11
bis(2-Chloroethyl)ether
Concen: 37.530 ng
RT: 7.216 min Scan# 681
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

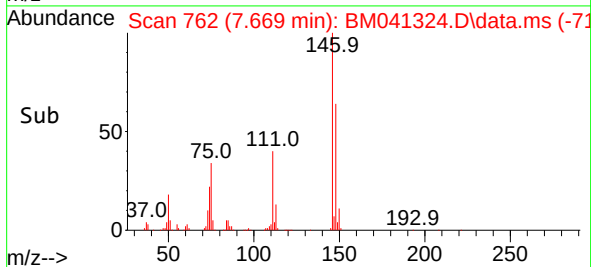
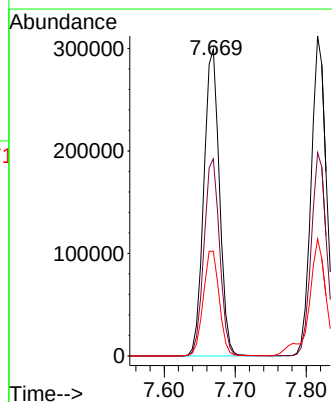
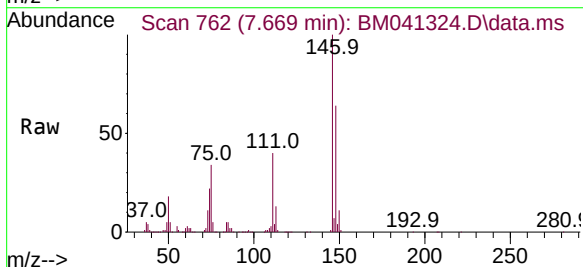
Instrument :
BNA_M
ClientSampleId :
PB154586BS

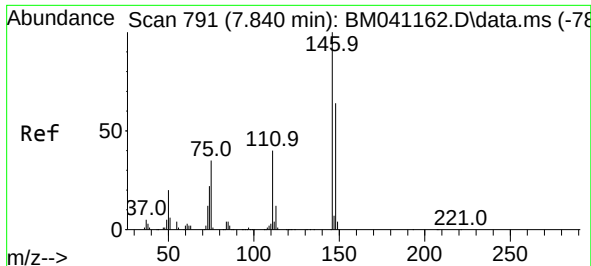
Tgt Ion: 93 Resp: 405224
Ion Ratio Lower Upper
93 100
63 77.0 58.8 98.8
95 32.5 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 40.230 ng
RT: 7.669 min Scan# 762
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

Tgt Ion: 146 Resp: 455485
Ion Ratio Lower Upper
146 100
148 64.3 51.9 77.9
75 34.2 28.3 42.5

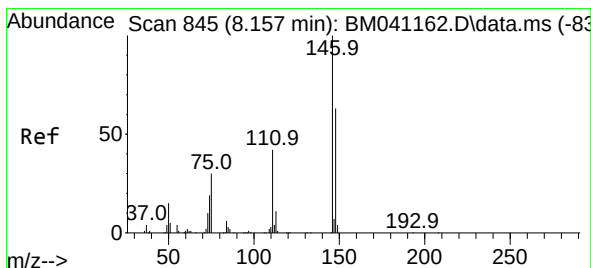
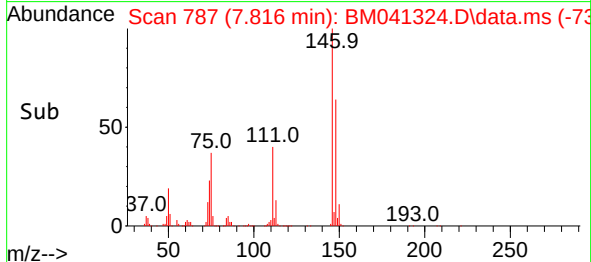
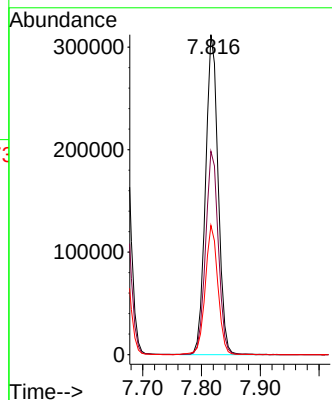
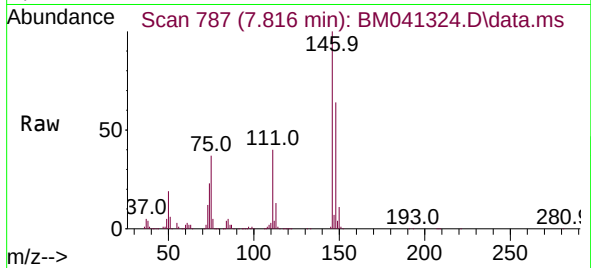




#13
1,4-Dichlorobenzene
Concen: 40.845 ng
RT: 7.816 min Scan# 781
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

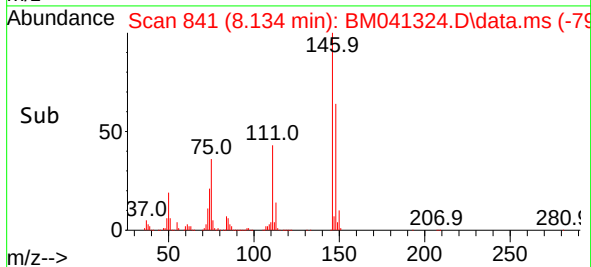
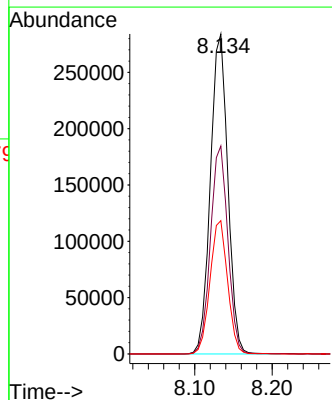
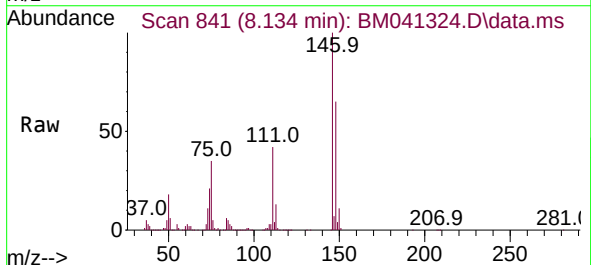
Instrument :
BNA_M
ClientSampleId :
PB154586BS

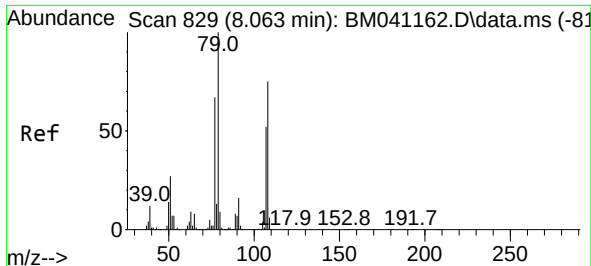
Tgt Ion:146 Resp: 464815
Ion Ratio Lower Upper
146 100
148 63.5 51.4 77.0
111 40.4 32.4 48.6



#14
1,2-Dichlorobenzene
Concen: 40.594 ng
RT: 8.134 min Scan# 841
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

Tgt Ion:146 Resp: 442939
Ion Ratio Lower Upper
146 100
148 65.0 50.9 76.3
111 41.6 33.8 50.6

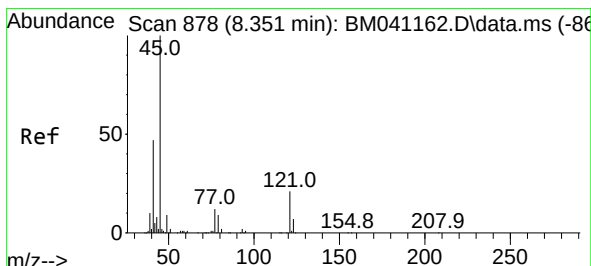
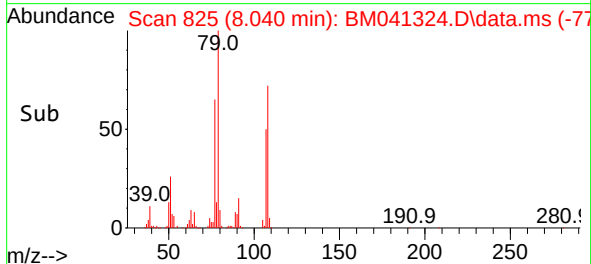
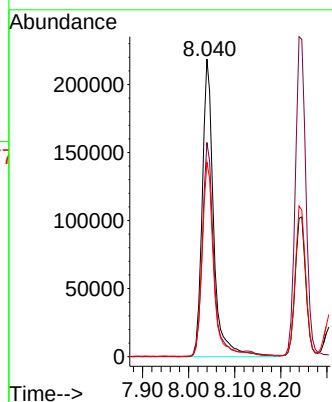
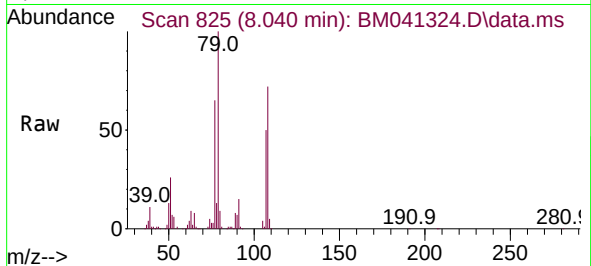




#15
Benzyl Alcohol
Concen: 42.913 ng
RT: 8.040 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

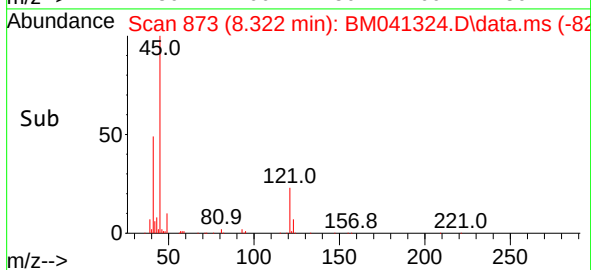
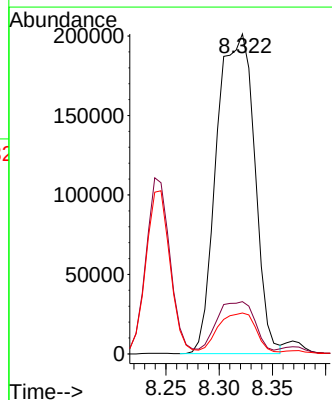
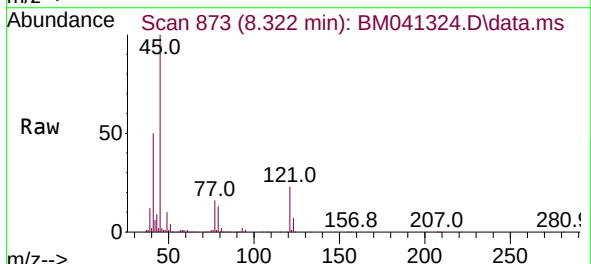
Instrument :
BNA_M
ClientSampleId :
PB154586BS

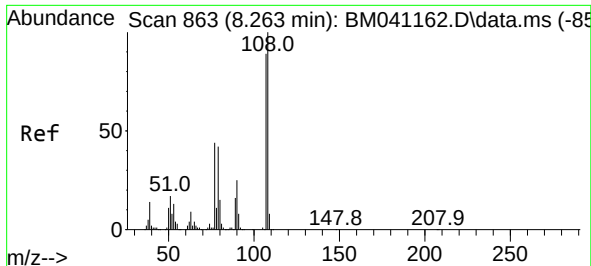
Tgt Ion: 79 Resp: 374271
Ion Ratio Lower Upper
79 100
108 72.0 59.8 89.8
77 65.3 53.8 80.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.451 ng
RT: 8.322 min Scan# 873
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

Tgt Ion: 45 Resp: 495607
Ion Ratio Lower Upper
45 100
77 16.3 0.0 34.5
79 12.8 0.0 32.1

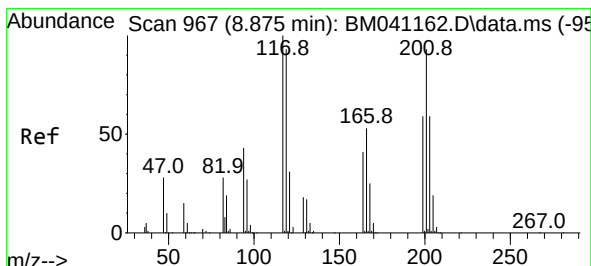
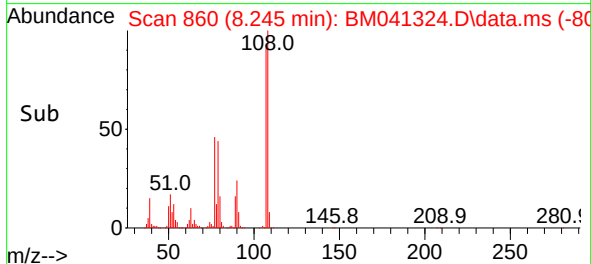
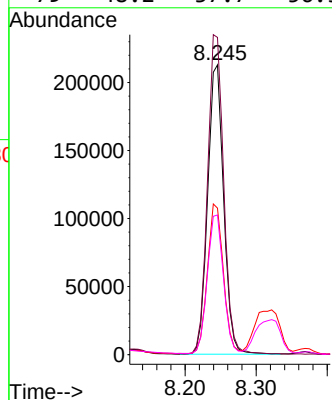
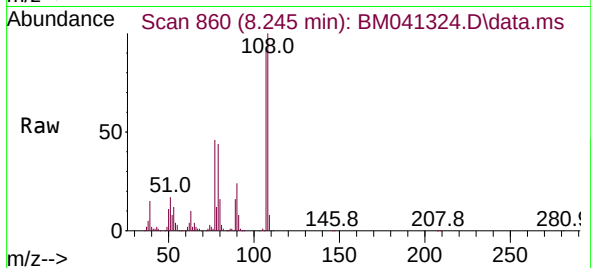




#17
2-Methylphenol
Concen: 36.490 ng
RT: 8.245 min Scan# 860
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

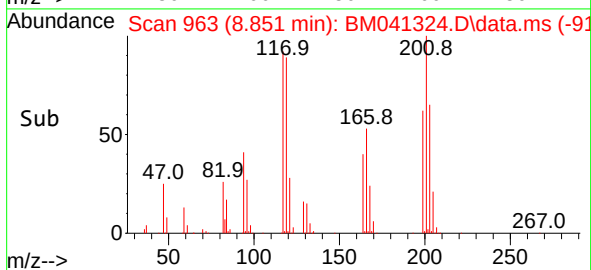
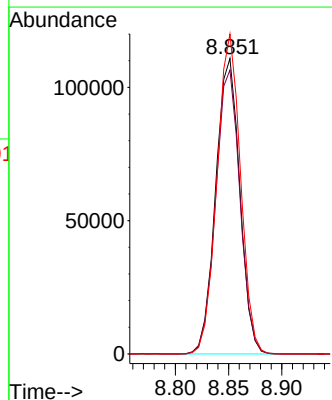
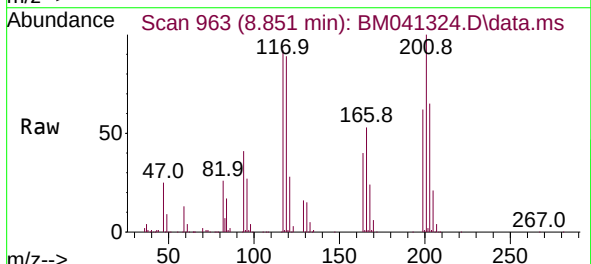
Instrument :
BNA_M
ClientSampleId :
PB154586BS

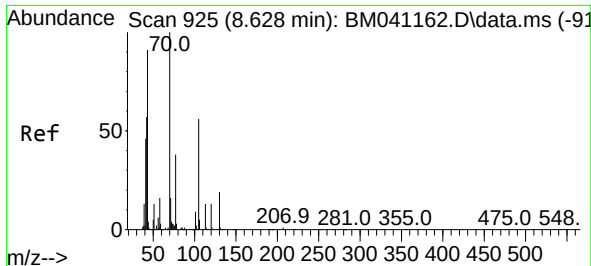
Tgt Ion:	107	Resp:	332527
Ion	Ratio	Lower	Upper
107	100		
108	109.5	89.9	134.9
77	50.5	39.8	59.8
79	48.2	37.7	56.5



#18
Hexachloroethane
Concen: 41.175 ng
RT: 8.851 min Scan# 963
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

Tgt Ion:	117	Resp:	174444
Ion	Ratio	Lower	Upper
117	100		
119	96.1	74.2	111.4
201	108.3	74.5	111.7

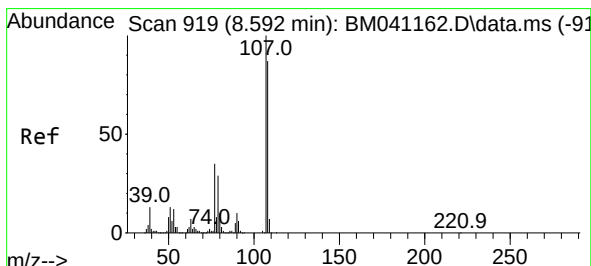
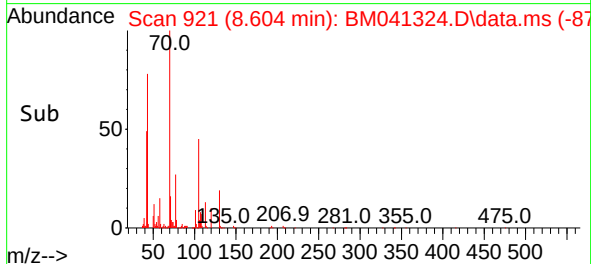
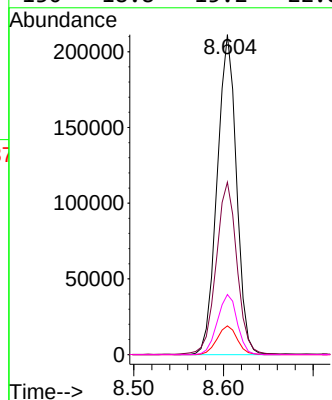
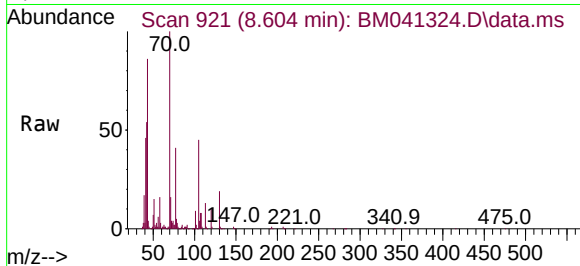




#19
n-Nitroso-di-n-propylamine
Concen: 37.838 ng
RT: 8.604 min Scan# 916
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

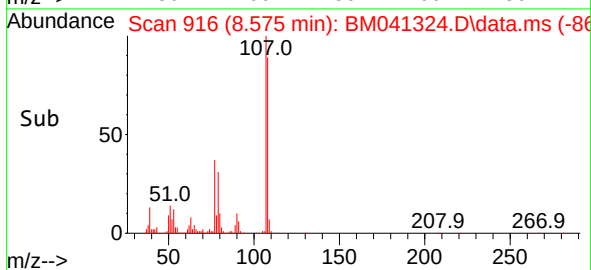
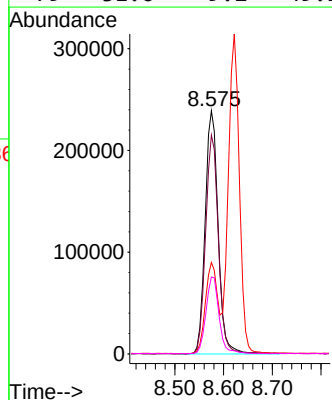
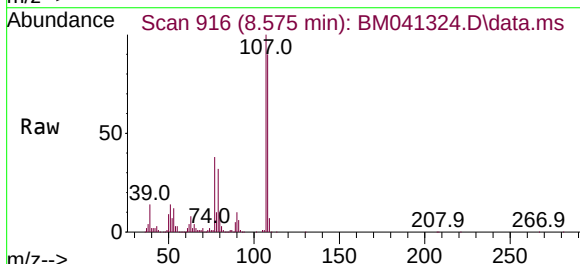
Instrument :
BNA_M
ClientSampleId :
PB154586BS

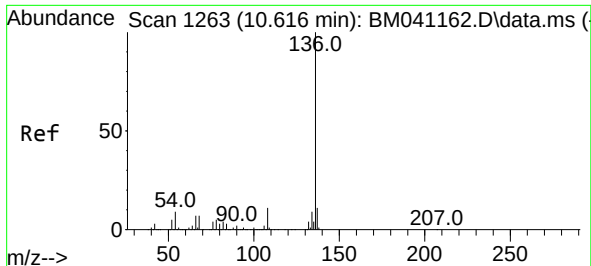
Tgt Ion:	70	Resp:	317398
Ion	Ratio	Lower	Upper
70	100		
42	53.9	45.8	68.8
101	9.0	7.4	11.0
130	18.8	15.2	22.8



#20
3+4-Methylphenols
Concen: 36.405 ng
RT: 8.575 min Scan# 916
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

Tgt Ion:	107	Resp:	443577
Ion	Ratio	Lower	Upper
107	100		
108	90.0	67.2	107.2
77	37.6	15.4	55.4
79	31.6	9.2	49.2

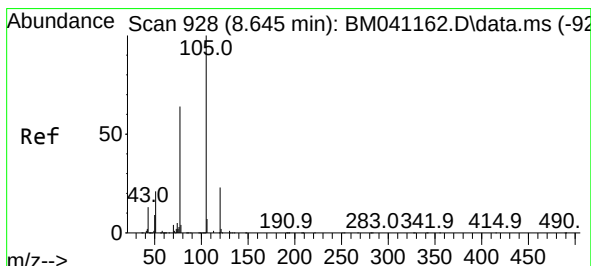
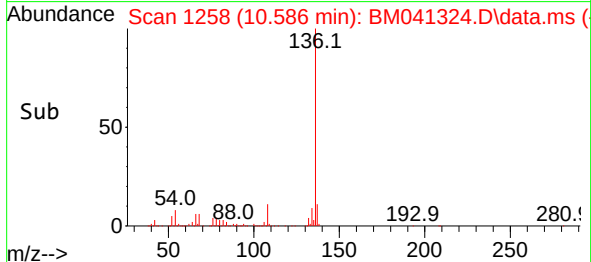
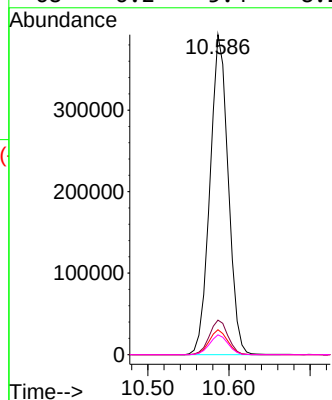
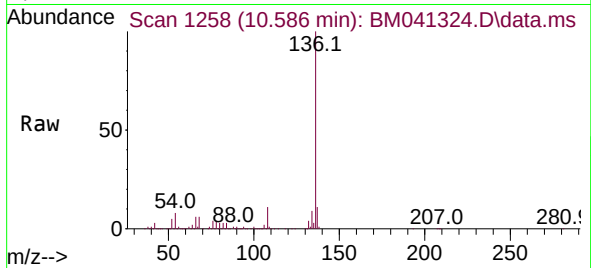




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.586 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

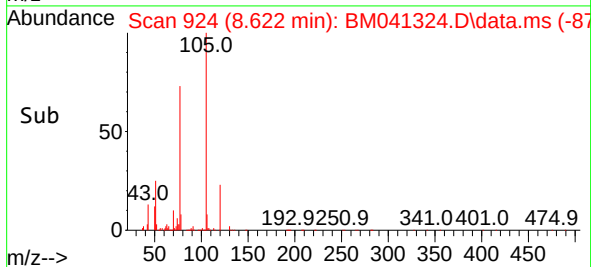
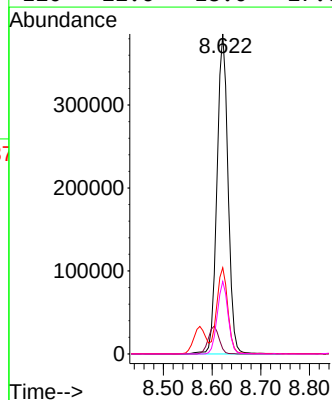
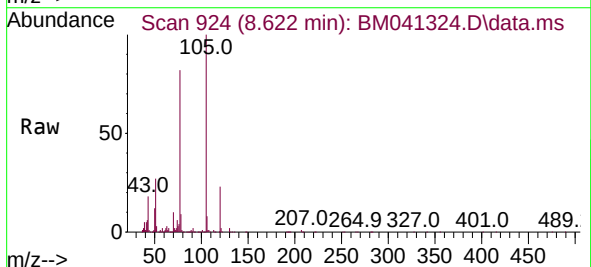
Instrument :
BNA_M
ClientSampleId :
PB154586BS

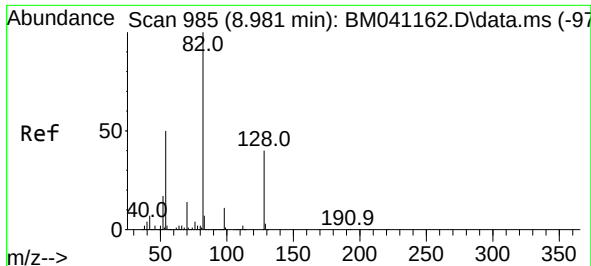
Tgt Ion:	136	Resp:	613069
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.8	6.9	10.3
68	6.2	5.4	8.2



#22
Acetophenone
Concen: 37.375 ng
RT: 8.622 min Scan# 924
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

Tgt Ion:	105	Resp:	606848
Ion	Ratio	Lower	Upper
105	100		
71	1.6	1.2	1.8
51	26.9	22.0	33.0
120	22.6	18.0	27.0

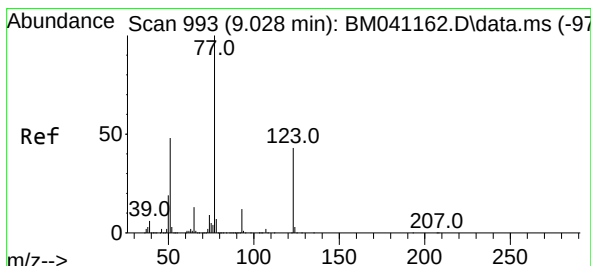
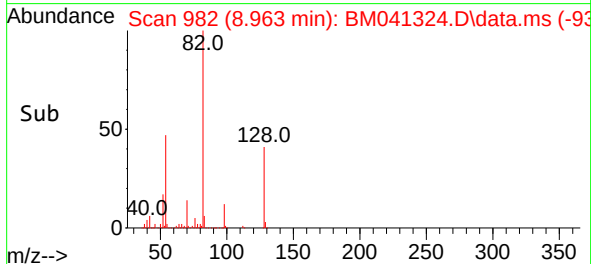
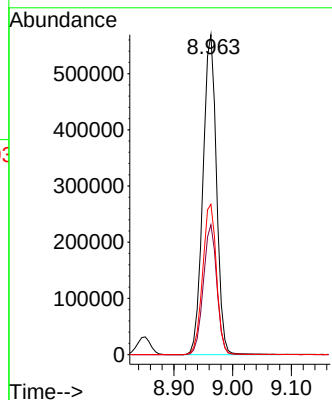
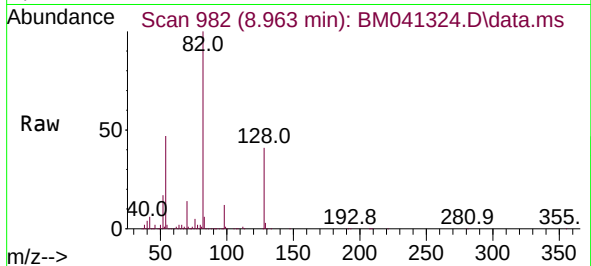




#23
Nitrobenzene-d5
Concen: 69.319 ng
RT: 8.963 min Scan# 981
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

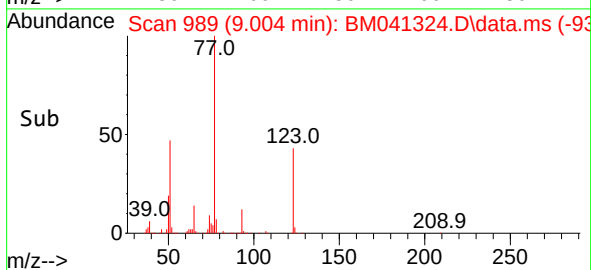
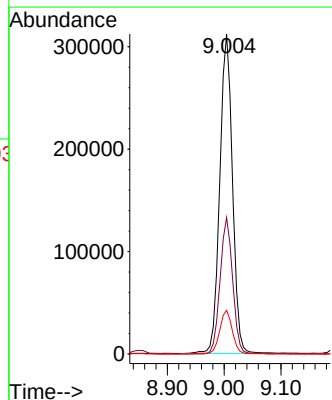
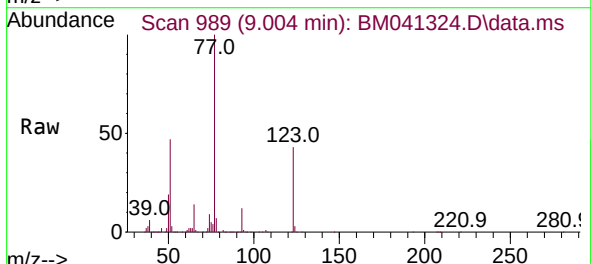
Instrument :
BNA_M
ClientSampleId :
PB154586BS

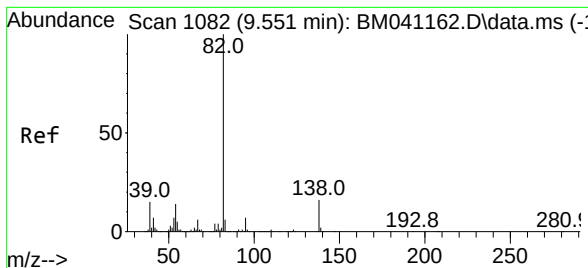
Tgt Ion: 82 Resp: 913834
Ion Ratio Lower Upper
82 100
128 40.6 31.8 47.6
54 47.0 40.1 60.1



#24
Nitrobenzene
Concen: 36.241 ng
RT: 9.004 min Scan# 989
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

Tgt Ion: 77 Resp: 483152
Ion Ratio Lower Upper
77 100
123 42.6 34.2 51.2
65 13.7 10.7 16.1





#25

Isophorone

Concen: 37.103 ng

RT: 9.528 min Scan# 1109

Delta R.T. 0.000 min

Lab File: BM041324.D

Acq: 08 Aug 2023 10:47

Instrument :

BNA_M

ClientSampleId :

PB154586BS

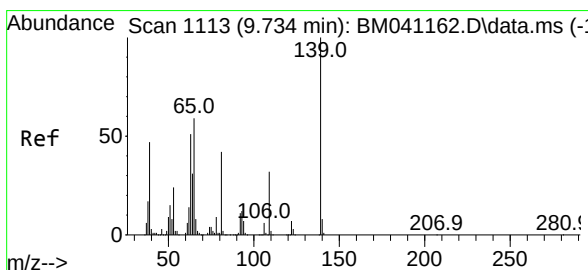
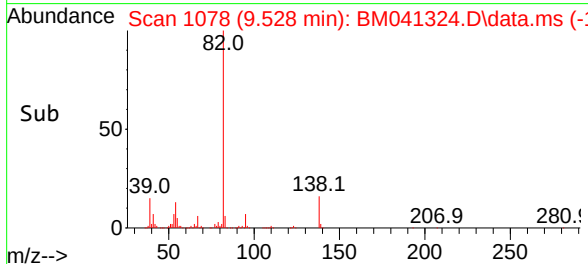
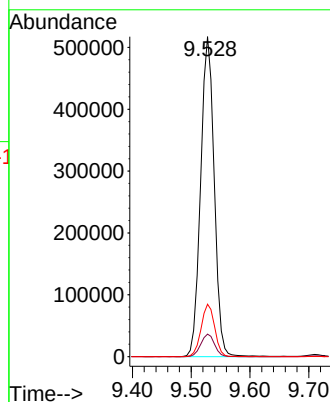
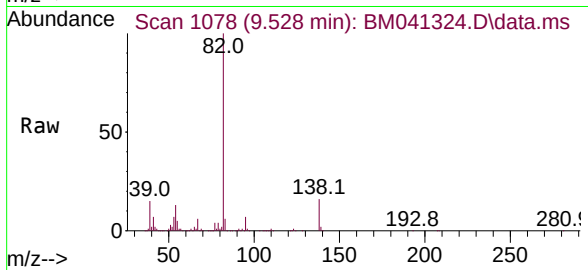
Tgt Ion: 82 Resp: 830308

Ion Ratio Lower Upper

82 100

95 7.0 5.3 7.9

138 16.4 12.8 19.2



#26

2-Nitrophenol

Concen: 41.917 ng

RT: 9.710 min Scan# 1109

Delta R.T. -0.006 min

Lab File: BM041324.D

Acq: 08 Aug 2023 10:47

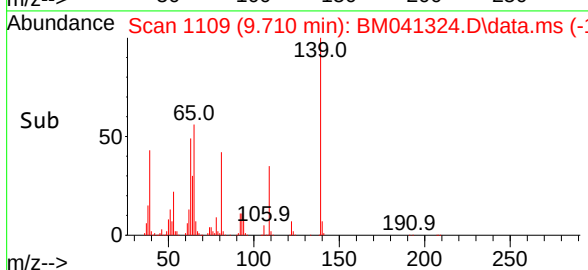
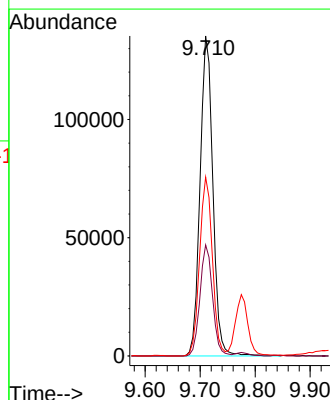
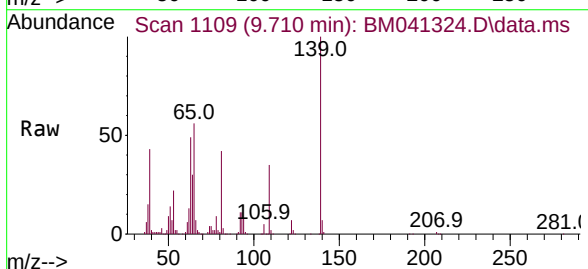
Tgt Ion: 139 Resp: 218456

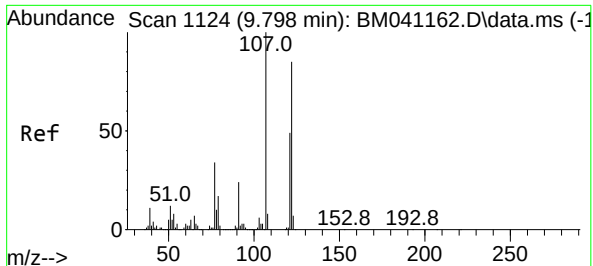
Ion Ratio Lower Upper

139 100

109 34.7 25.4 38.2

65 55.9 47.2 70.8





#27

2,4-Dimethylphenol

Concen: 35.555 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM041324.D

Acq: 08 Aug 2023 10:47

Instrument :

BNA_M

ClientSampleId :

PB154586BS

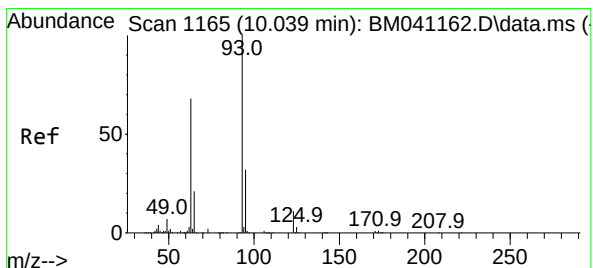
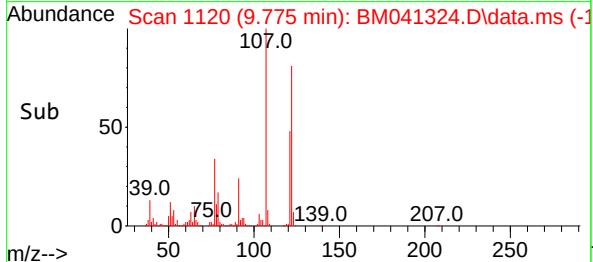
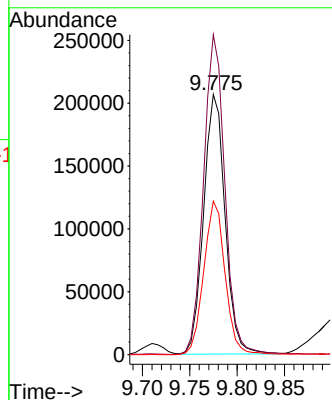
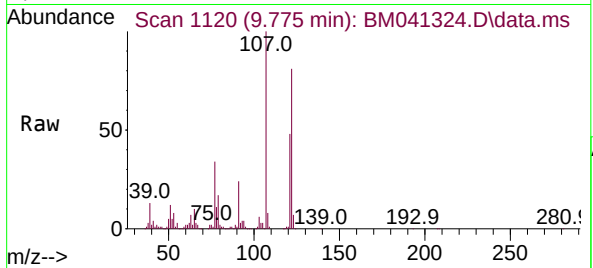
Tgt Ion:122 Resp: 326071

Ion Ratio Lower Upper

122 100

107 122.9 94.3 141.5

121 59.0 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 35.464 ng

RT: 10.010 min Scan# 1160

Delta R.T. -0.006 min

Lab File: BM041324.D

Acq: 08 Aug 2023 10:47

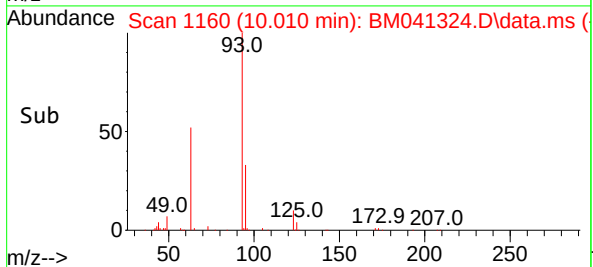
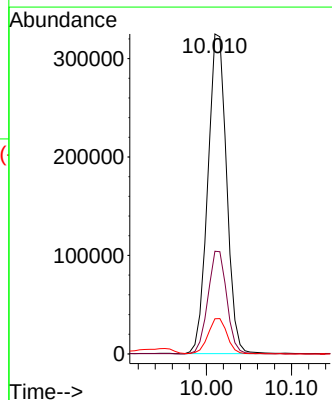
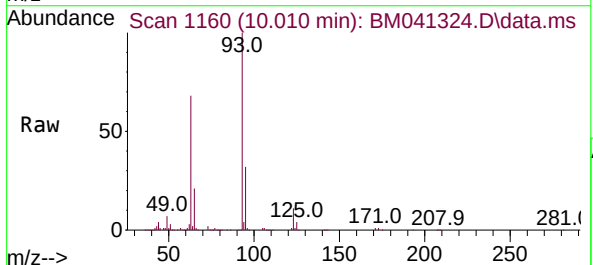
Tgt Ion: 93 Resp: 497130

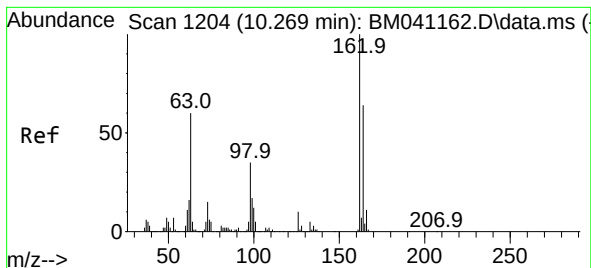
Ion Ratio Lower Upper

93 100

95 32.1 25.9 38.9

123 11.0 9.1 13.7

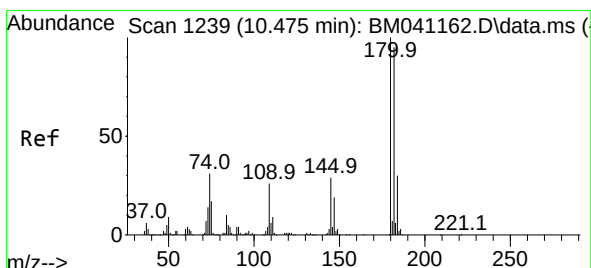
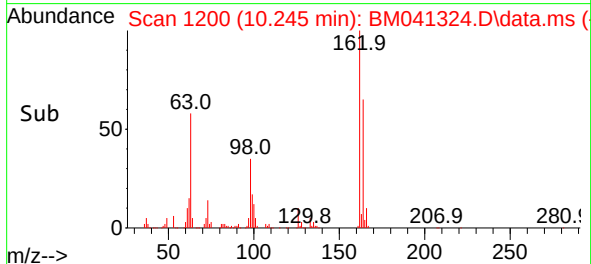
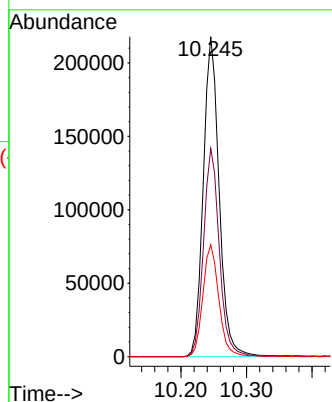
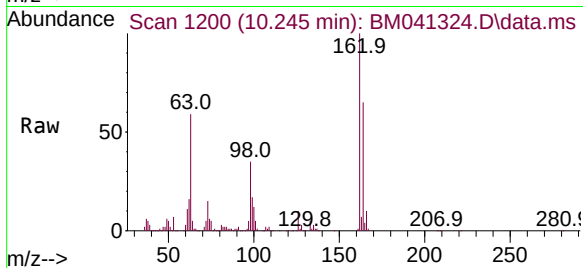




#29
2,4-Dichlorophenol
Concen: 39.529 ng
RT: 10.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

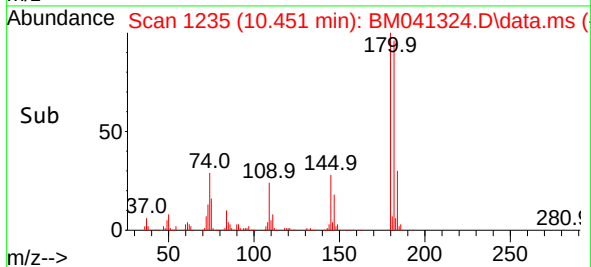
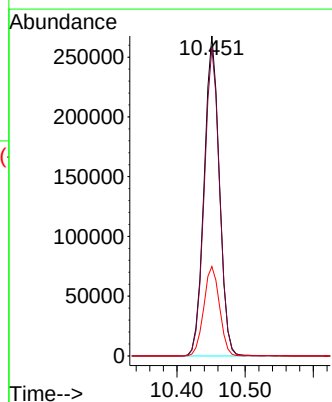
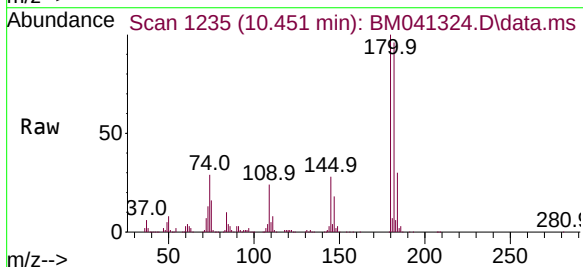
Instrument :
BNA_M
ClientSampleId :
PB154586BS

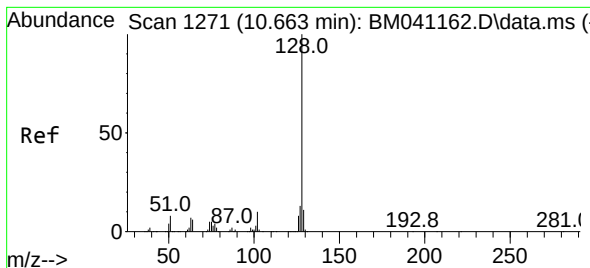
Tgt Ion:162 Resp: 365573
Ion Ratio Lower Upper
162 100
164 65.0 44.3 84.3
98 35.0 15.1 55.1



#30
1,2,4-Trichlorobenzene
Concen: 40.705 ng
RT: 10.451 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

Tgt Ion:180 Resp: 415923
Ion Ratio Lower Upper
180 100
182 96.3 75.9 113.9
145 27.9 23.6 35.4

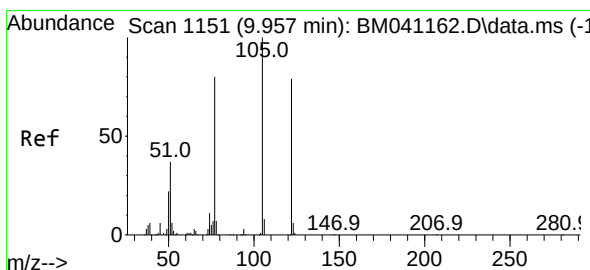
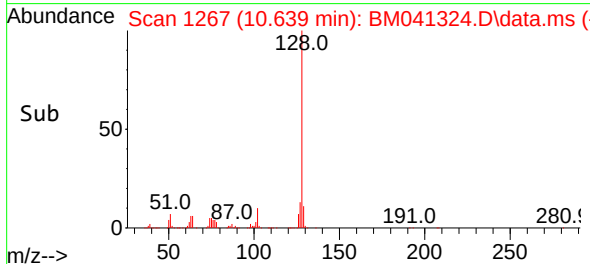
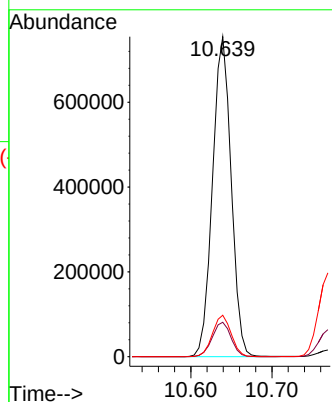
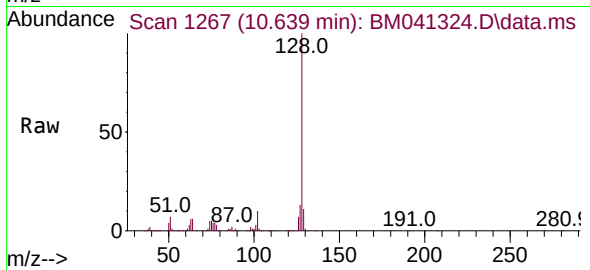




#31
Naphthalene
Concen: 36.177 ng
RT: 10.639 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

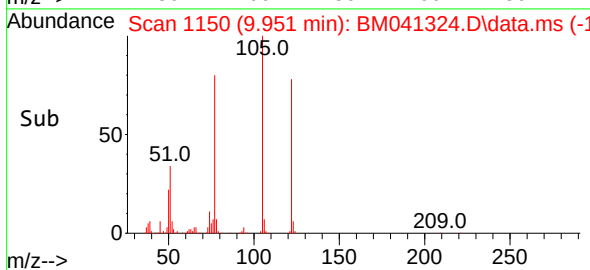
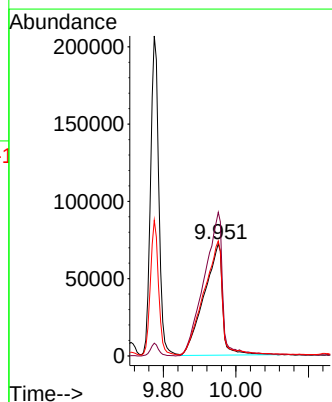
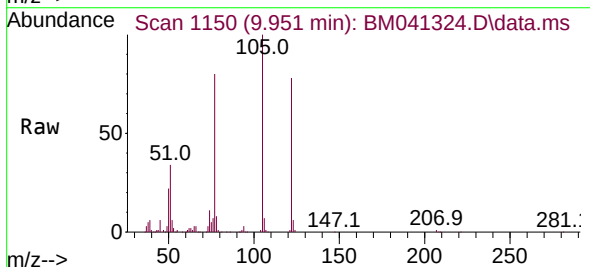
Instrument :
BNA_M
ClientSampleId :
PB154586BS

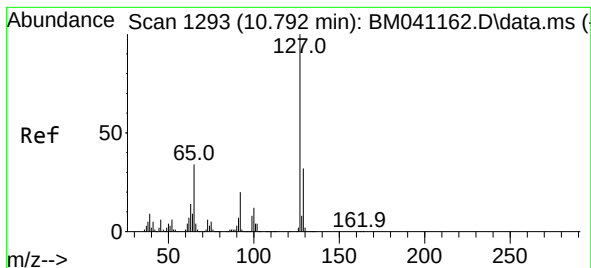
Tgt Ion:128 Resp: 1203544
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.4
127 13.0 10.5 15.7



#32
Benzoic acid
Concen: 38.717 ng
RT: 9.951 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

Tgt Ion:122 Resp: 255475
Ion Ratio Lower Upper
122 100
105 128.1 104.0 144.0
77 102.5 79.9 119.9





#33

4-Chloroaniline

Concen: 26.871 ng

RT: 10.769 min Scan# 11

Delta R.T. 0.000 min

Lab File: BM041324.D

Acq: 08 Aug 2023 10:47

Instrument :

BNA_M

ClientSampleId :

PB154586BS

Tgt Ion:127 Resp: 357256

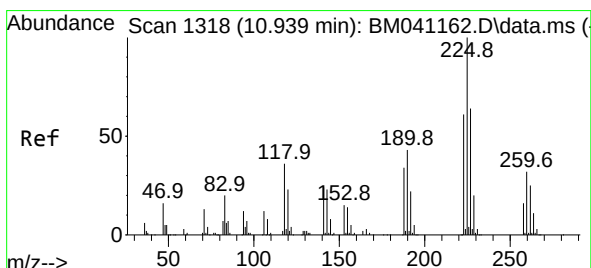
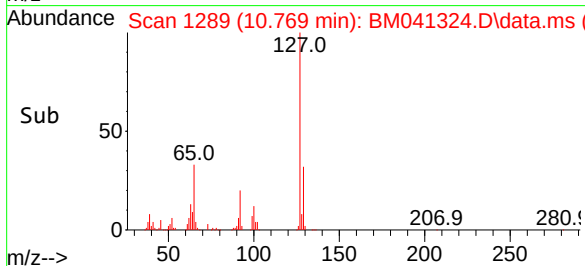
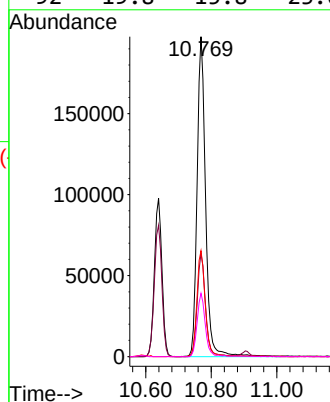
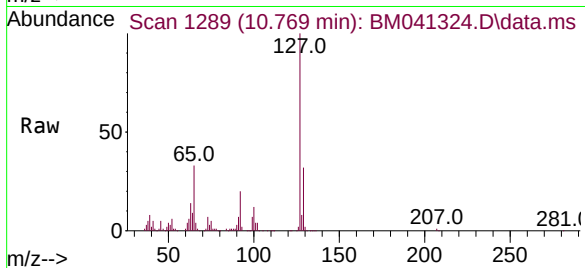
Ion Ratio Lower Upper

127 100

129 32.3 25.9 38.9

65 33.1 26.9 40.3

92 19.8 15.8 23.6



#34

Hexachlorobutadiene

Concen: 43.070 ng

RT: 10.904 min Scan# 1312

Delta R.T. -0.006 min

Lab File: BM041324.D

Acq: 08 Aug 2023 10:47

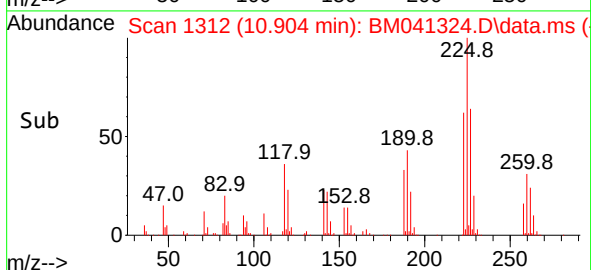
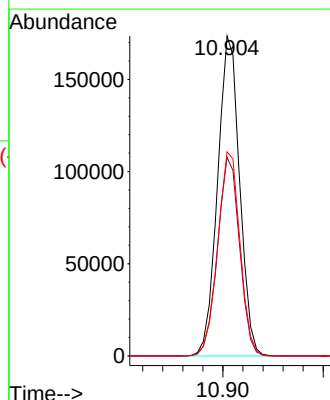
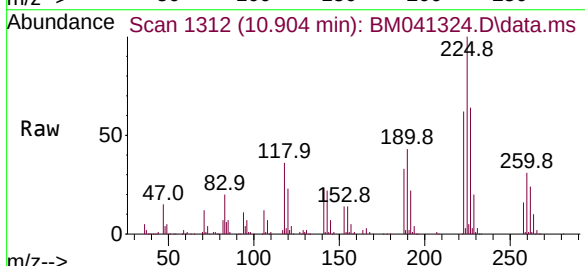
Tgt Ion:225 Resp: 264683

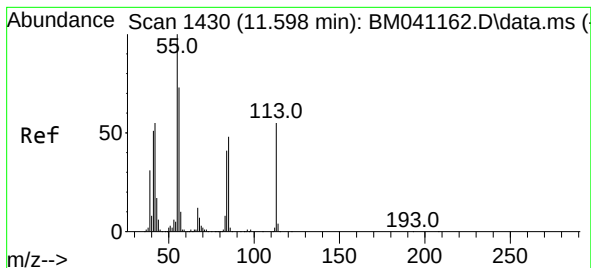
Ion Ratio Lower Upper

225 100

223 62.0 49.0 73.4

227 63.8 50.8 76.2

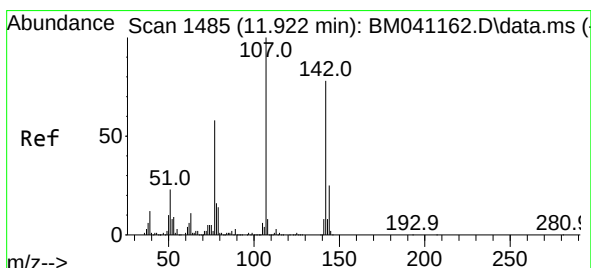
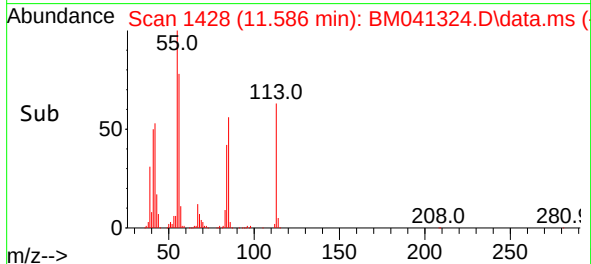
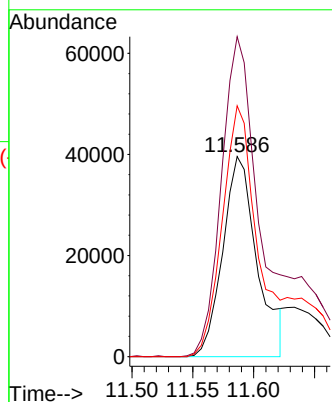
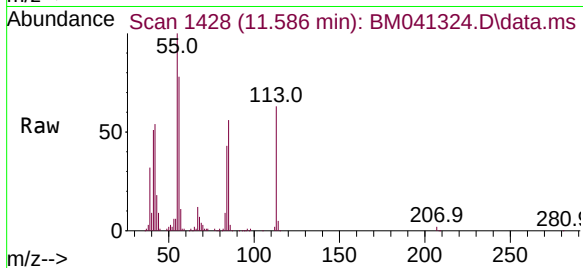




#35
 Caprolactam
 Concen: 29.020 ng
 RT: 11.586 min Scan# 1430
 Delta R.T. -0.006 min
 Lab File: BM041324.D
 Acq: 08 Aug 2023 10:47

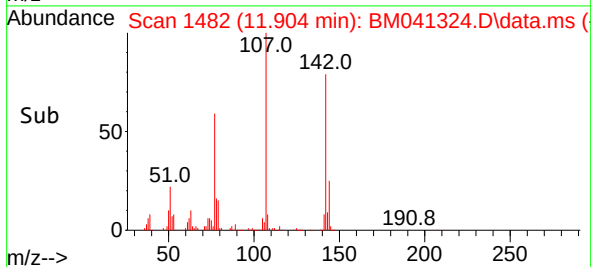
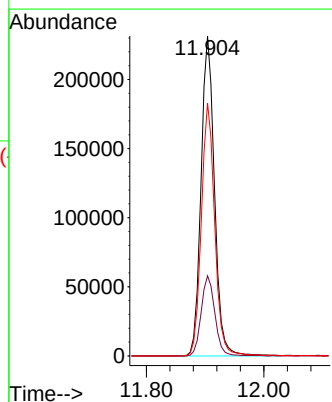
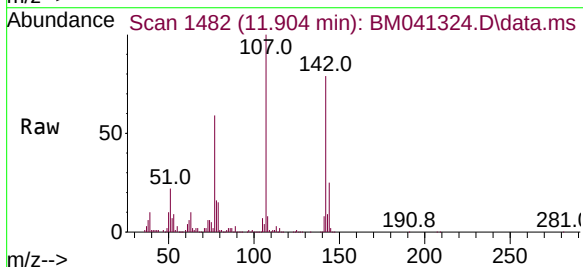
Instrument :
 BNA_M
 ClientSampleId :
 PB154586BS

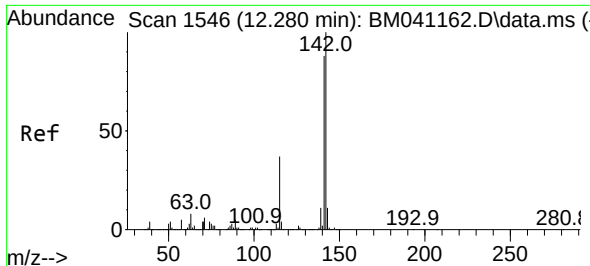
Tgt Ion:113 Resp: 77640
 Ion Ratio Lower Upper
 113 100
 55 159.9 162.5 202.5#
 56 125.3 114.1 154.1



#36
 4-Chloro-3-methylphenol
 Concen: 37.752 ng
 RT: 11.904 min Scan# 1482
 Delta R.T. -0.006 min
 Lab File: BM041324.D
 Acq: 08 Aug 2023 10:47

Tgt Ion:107 Resp: 367476
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.1 30.1
 142 79.0 62.2 93.4

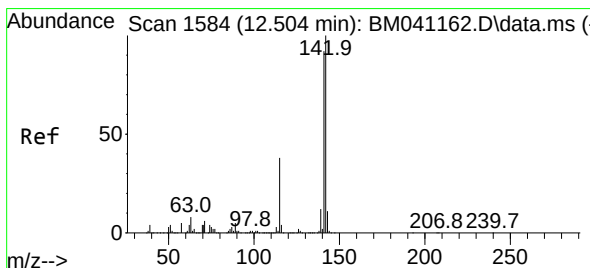
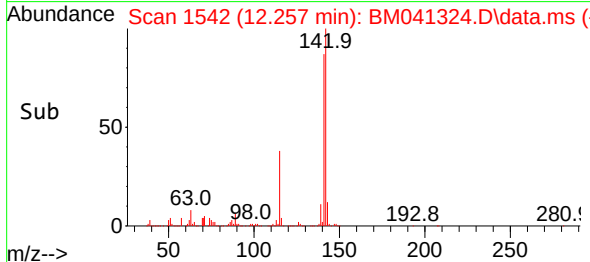
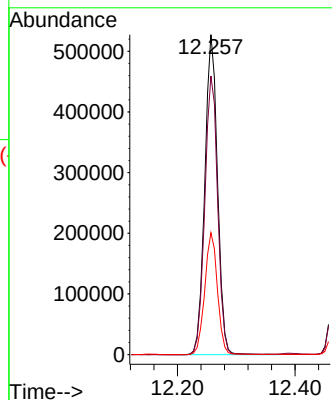
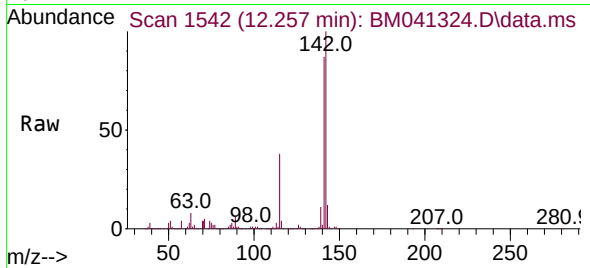




#37
2-Methylnaphthalene
Concen: 35.303 ng
RT: 12.257 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

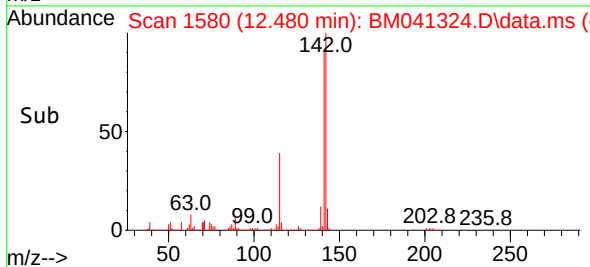
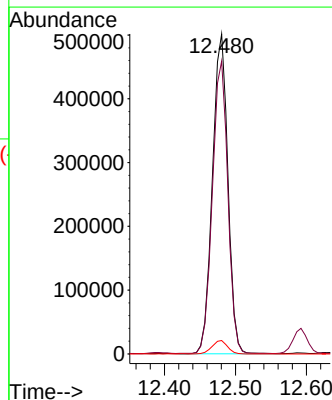
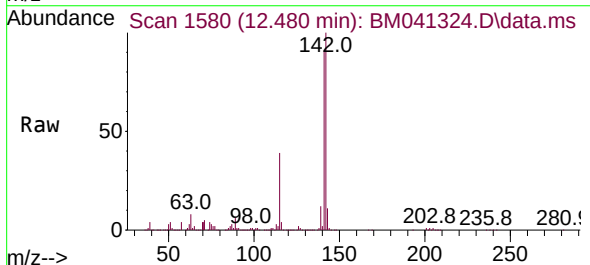
Instrument :
BNA_M
ClientSampleId :
PB154586BS

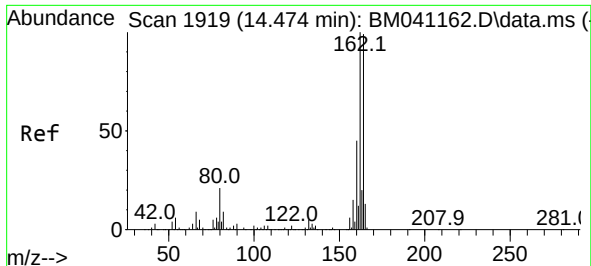
Tgt Ion:142 Resp: 791819
Ion Ratio Lower Upper
142 100
141 87.1 70.7 106.1
115 38.1 29.3 43.9



#38
1-Methylnaphthalene
Concen: 36.004 ng
RT: 12.480 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

Tgt Ion:142 Resp: 755800
Ion Ratio Lower Upper
142 100
141 91.5 73.4 110.2
116 4.2 3.2 4.8

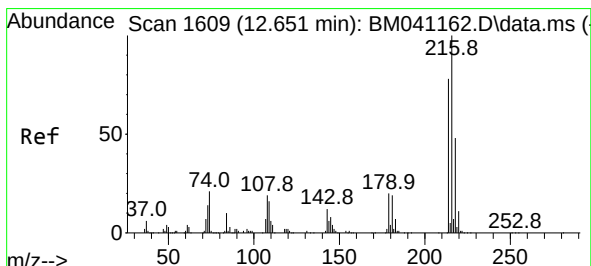
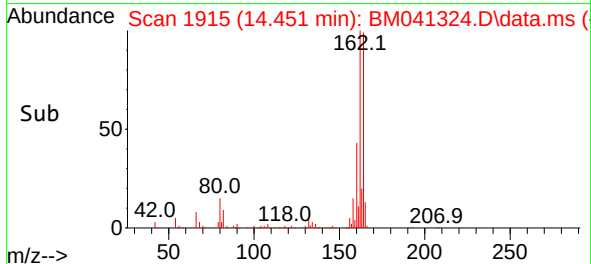
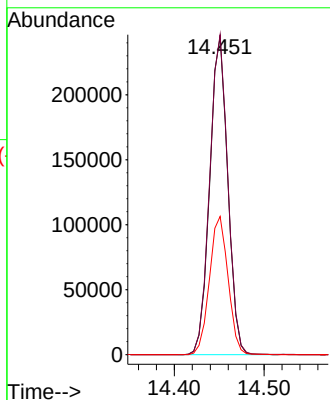
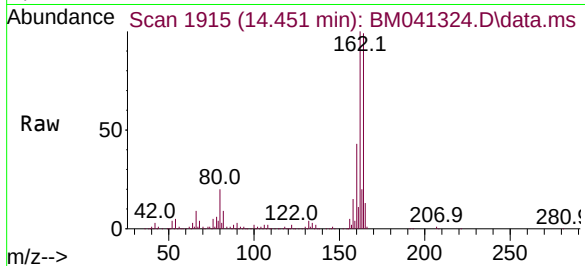




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

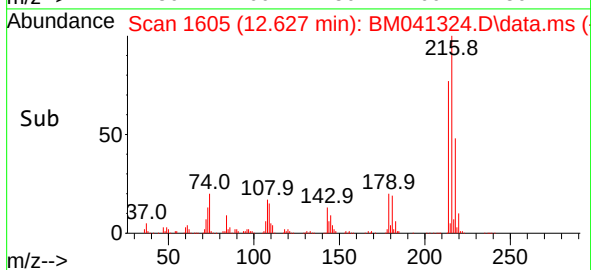
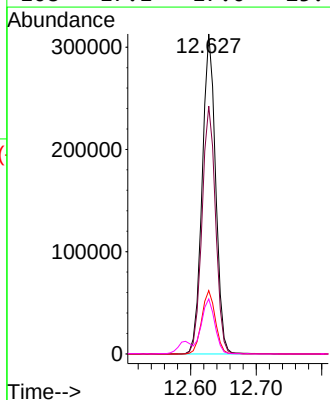
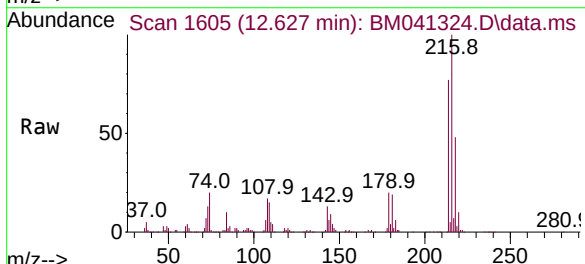
Instrument :
BNA_M
ClientSampleId :
PB154586BS

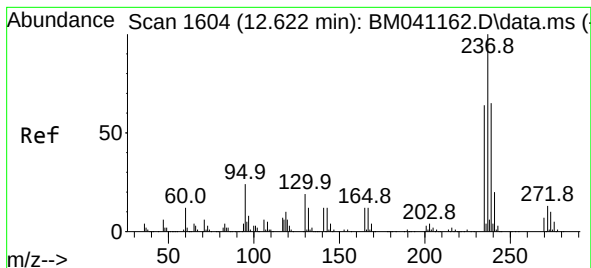
Tgt Ion:164 Resp: 343483
Ion Ratio Lower Upper
164 100
162 100.7 80.4 120.6
160 43.5 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.585 ng
RT: 12.627 min Scan# 1605
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

Tgt Ion:216 Resp: 441498
Ion Ratio Lower Upper
216 100
214 78.5 63.2 94.8
179 20.1 16.2 24.2
108 17.1 17.0 25.4

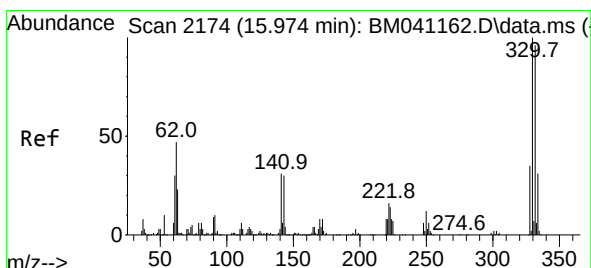
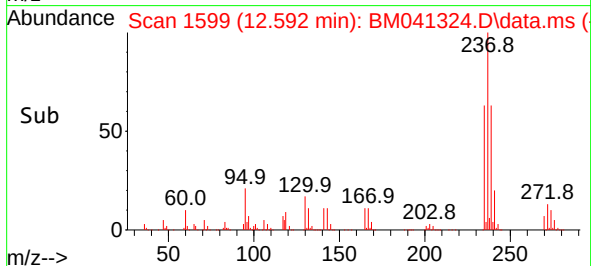
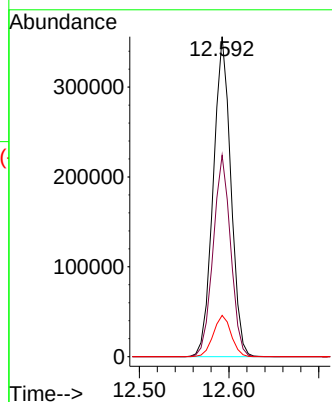
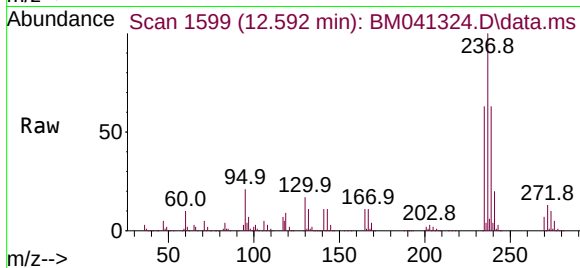




#41
Hexachlorocyclopentadiene
Concen: 82.760 ng
RT: 12.592 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

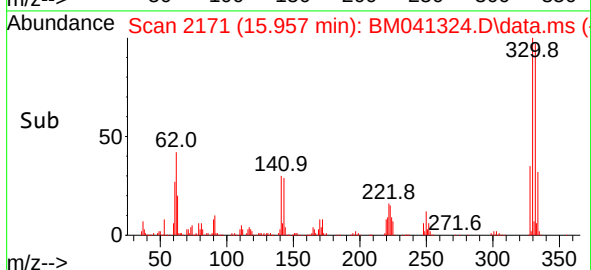
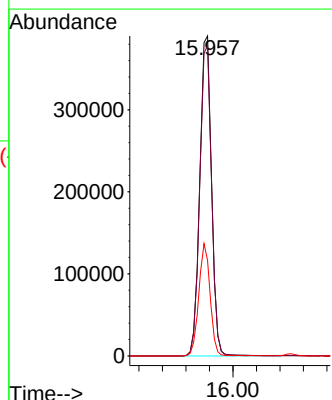
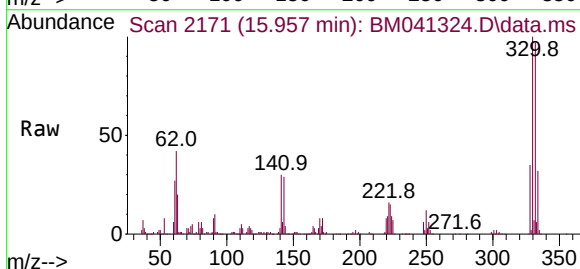
Instrument :
BNA_M
ClientSampleId :
PB154586BS

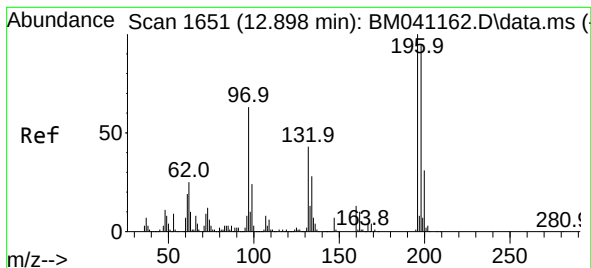
Tgt Ion:237 Resp: 488334
Ion Ratio Lower Upper
237 100
235 62.9 43.6 83.6
272 12.9 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 111.383 ng
RT: 15.957 min Scan# 2171
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

Tgt Ion:330 Resp: 541140
Ion Ratio Lower Upper
330 100
332 97.5 77.7 116.5
141 33.6 28.3 42.5





#43

2,4,6-Trichlorophenol

Concen: 40.002 ng

RT: 12.880 min Scan# 1648

Delta R.T. -0.006 min

Lab File: BM041324.D

Acq: 08 Aug 2023 10:47

Instrument :

BNA_M

ClientSampleId :

PB154586BS

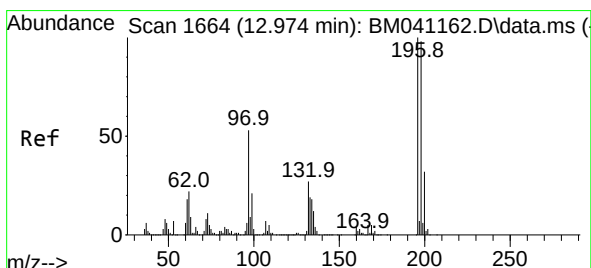
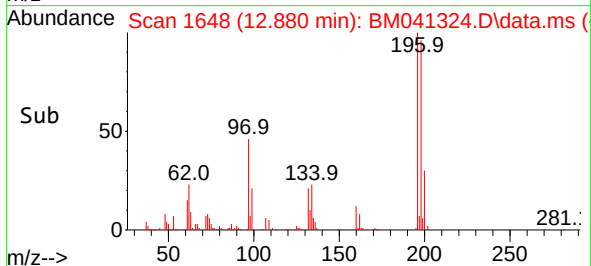
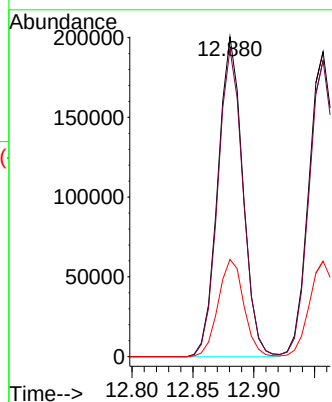
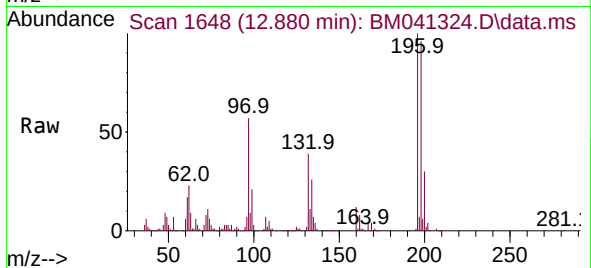
Tgt Ion:196 Resp: 285961

Ion Ratio Lower Upper

196 100

198 96.1 76.2 114.4

200 30.4 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 37.274 ng

RT: 12.957 min Scan# 1661

Delta R.T. -0.006 min

Lab File: BM041324.D

Acq: 08 Aug 2023 10:47

Tgt Ion:196 Resp: 308408

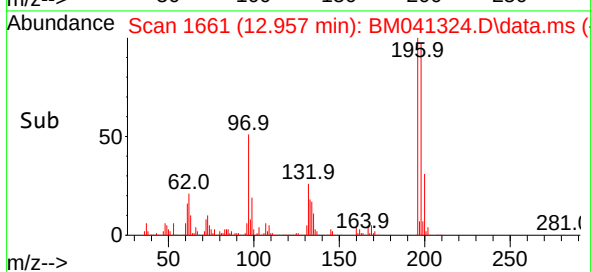
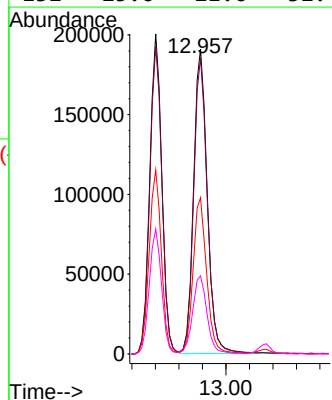
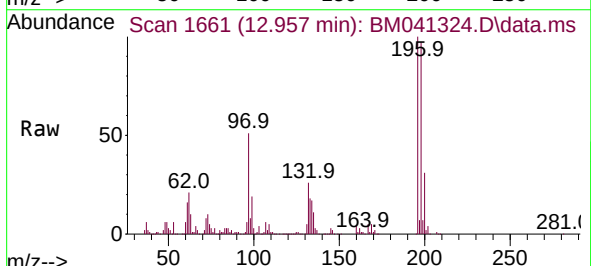
Ion Ratio Lower Upper

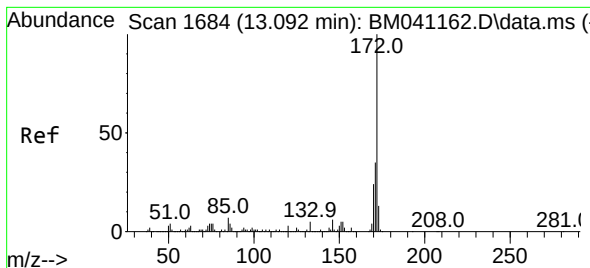
196 100

198 97.2 78.2 117.4

97 51.2 42.7 64.1

132 25.6 21.6 32.4

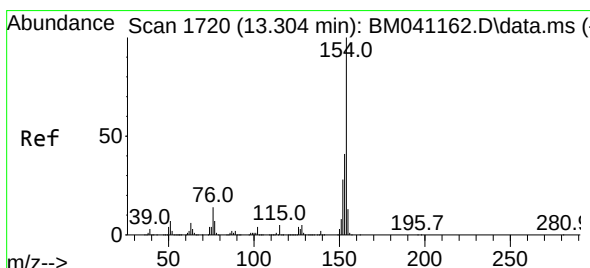
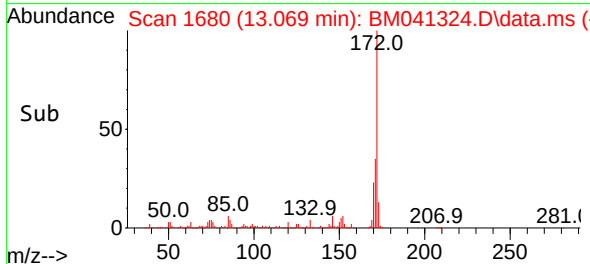
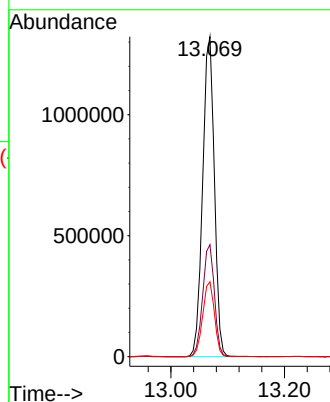
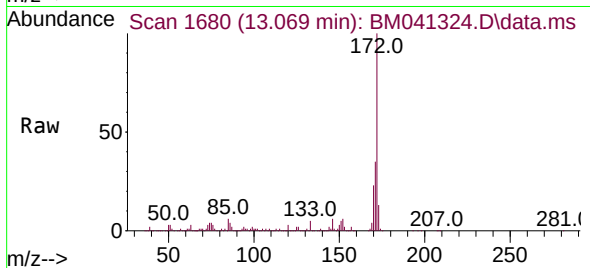




#45
2-Fluorobiphenyl
Concen: 69.305 ng
RT: 13.069 min Scan# 1684
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

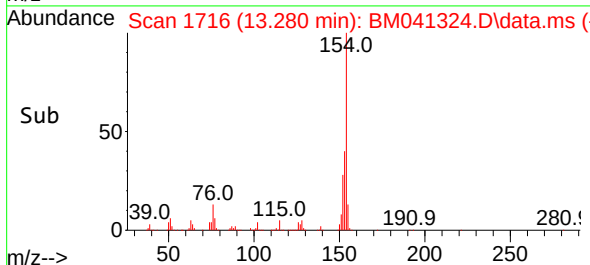
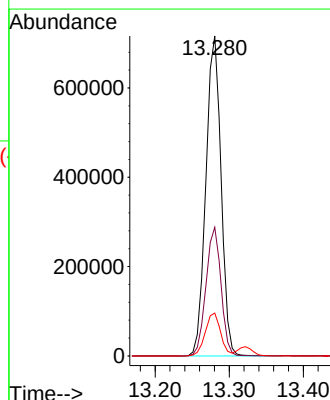
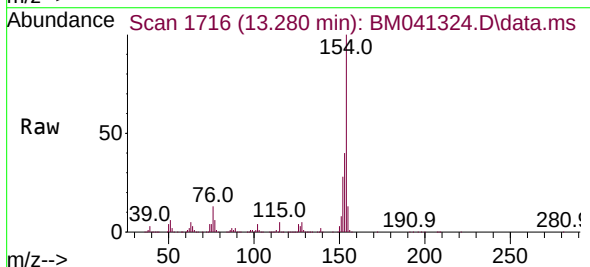
Instrument :
BNA_M
ClientSampleId :
PB154586BS

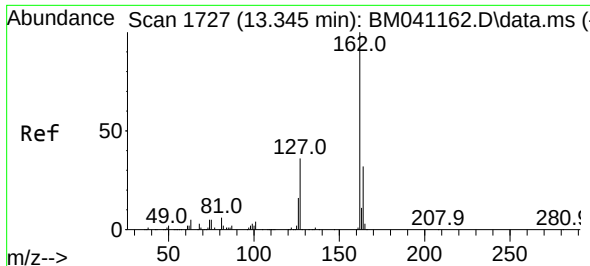
Tgt Ion:172 Resp: 1884439
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.4 18.9 28.3



#46
1,1'-Biphenyl
Concen: 36.537 ng
RT: 13.280 min Scan# 1716
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

Tgt Ion:154 Resp: 1017394
Ion Ratio Lower Upper
154 100
153 40.2 20.5 60.5
76 13.4 0.0 34.1

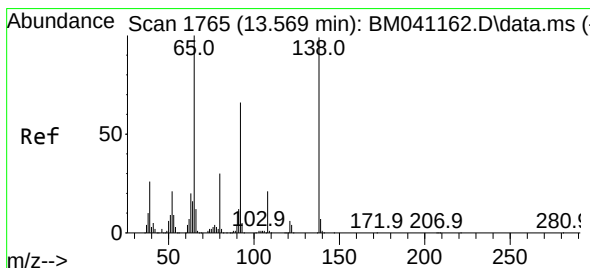
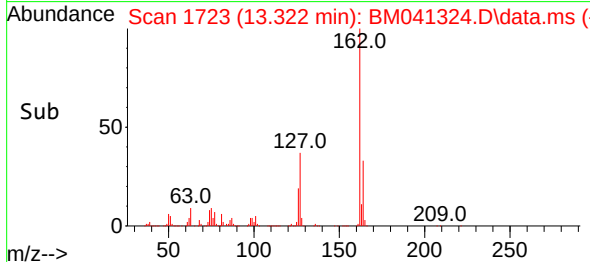
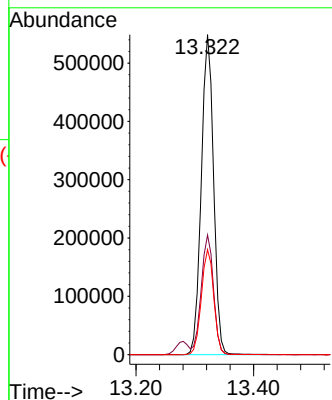
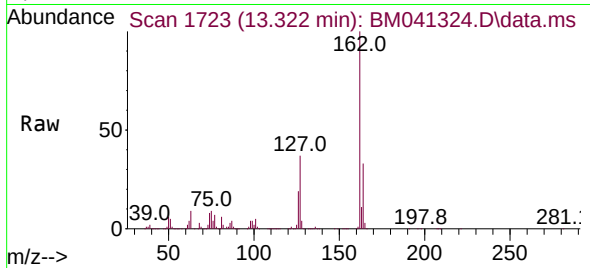




#47
2-Chloronaphthalene
Concen: 38.203 ng
RT: 13.322 min Scan# 1723
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

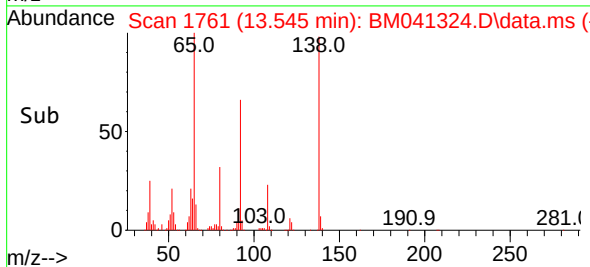
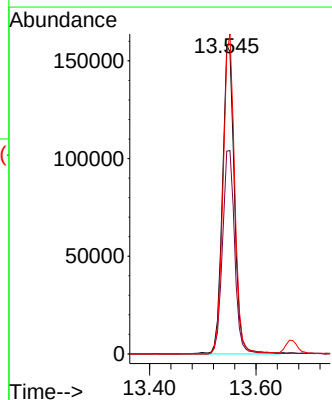
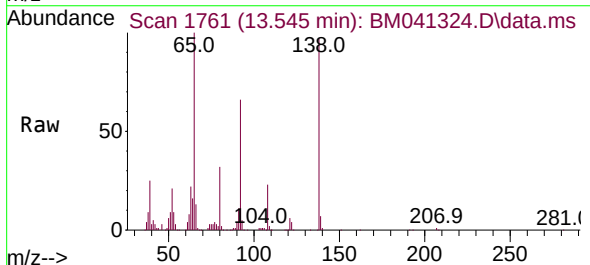
Instrument :
BNA_M
ClientSampleId :
PB154586BS

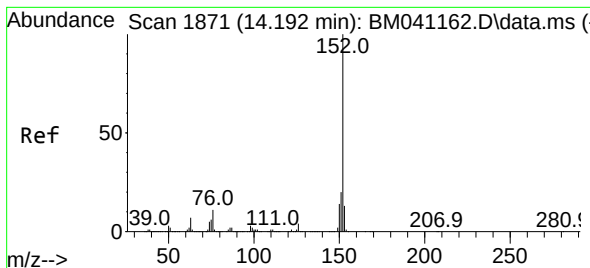
Tgt Ion:162 Resp: 794300
Ion Ratio Lower Upper
162 100
127 37.4 30.6 45.8
164 32.8 25.6 38.4



#48
2-Nitroaniline
Concen: 36.977 ng
RT: 13.545 min Scan# 1761
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

Tgt Ion: 65 Resp: 245408
Ion Ratio Lower Upper
65 100
92 65.8 53.0 79.4
138 97.4 79.1 118.7





#49

Acenaphthylene

Concen: 37.412 ng

RT: 14.174 min Scan# 1868

Delta R.T. 0.000 min

Lab File: BM041324.D

Acq: 08 Aug 2023 10:47

Instrument :

BNA_M

ClientSampleId :

PB154586BS

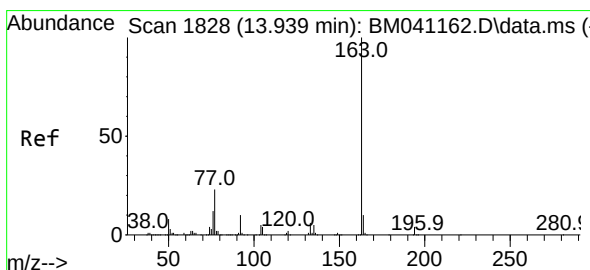
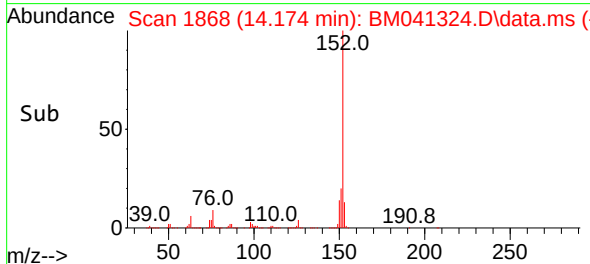
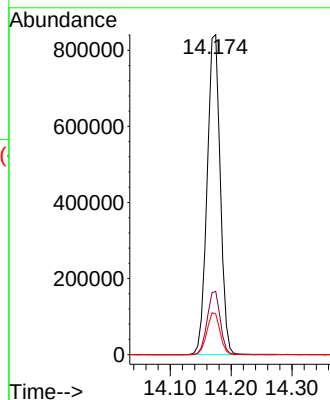
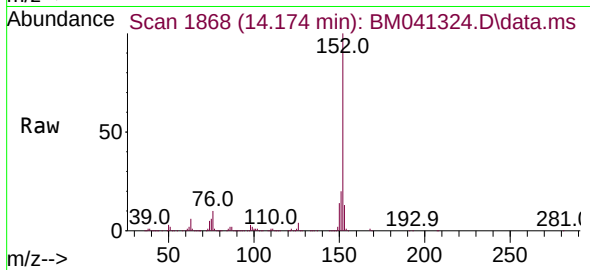
Tgt Ion:152 Resp: 1255522

Ion Ratio Lower Upper

152 100

151 19.8 16.1 24.1

153 12.7 10.5 15.7



#50

Dimethylphthalate

Concen: 36.871 ng

RT: 13.922 min Scan# 1825

Delta R.T. 0.000 min

Lab File: BM041324.D

Acq: 08 Aug 2023 10:47

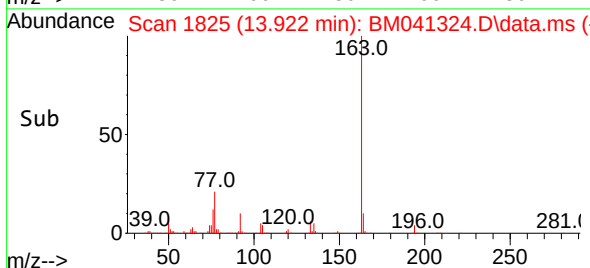
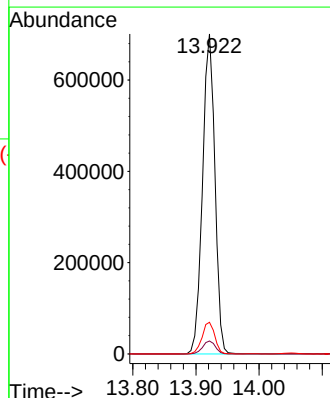
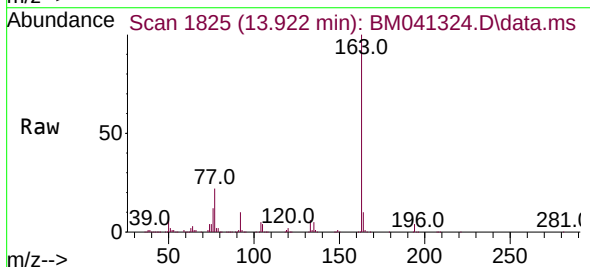
Tgt Ion:163 Resp: 952651

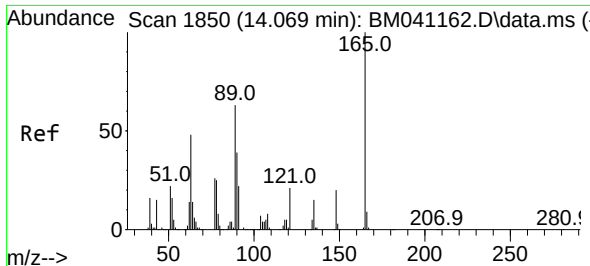
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 9.9 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 38.787 ng

RT: 14.051 min Scan# 1850

Delta R.T. 0.000 min

Lab File: BM041324.D

Acq: 08 Aug 2023 10:47

Instrument :

BNA_M

ClientSampleId :

PB154586BS

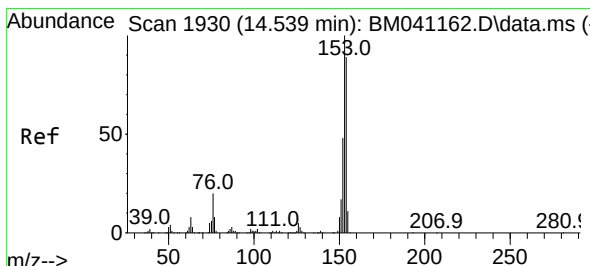
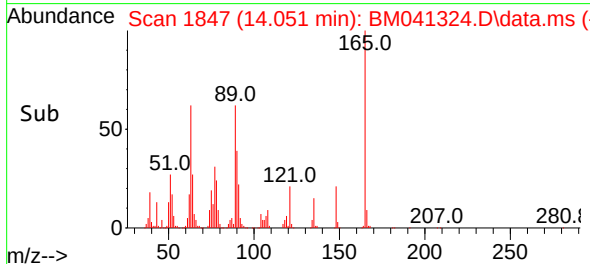
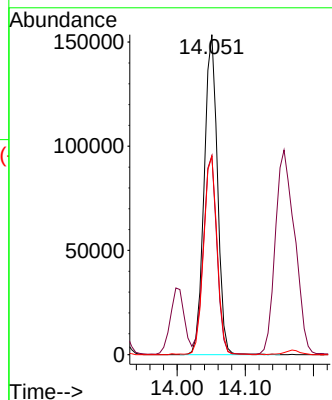
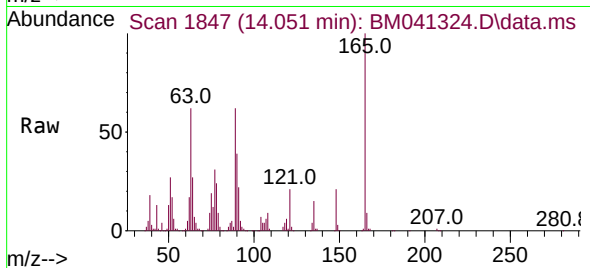
Tgt Ion:165 Resp: 207646

Ion Ratio Lower Upper

165 100

63 62.1 50.9 76.3

89 62.0 50.6 76.0



#52

Acenaphthene

Concen: 35.480 ng

RT: 14.516 min Scan# 1926

Delta R.T. -0.006 min

Lab File: BM041324.D

Acq: 08 Aug 2023 10:47

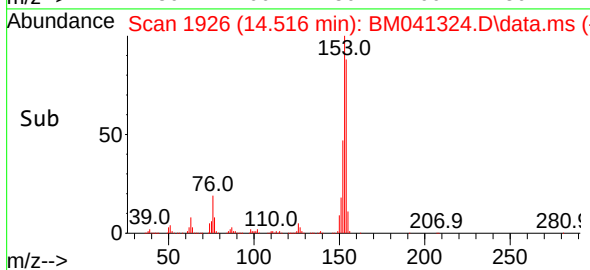
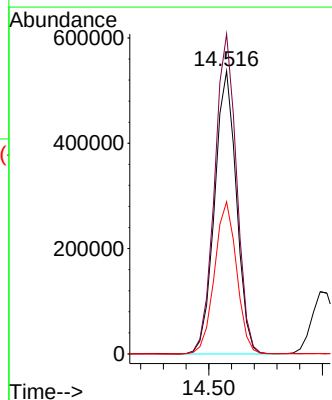
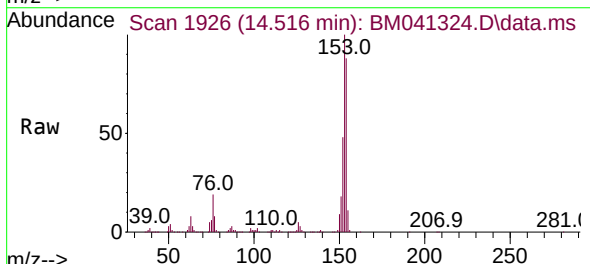
Tgt Ion:154 Resp: 717300

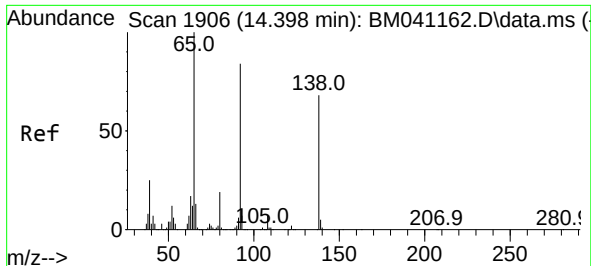
Ion Ratio Lower Upper

154 100

153 113.1 90.2 135.4

152 53.8 43.4 65.0

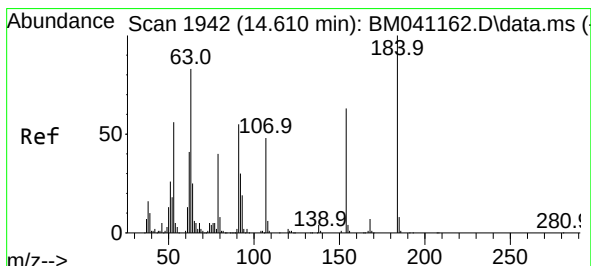
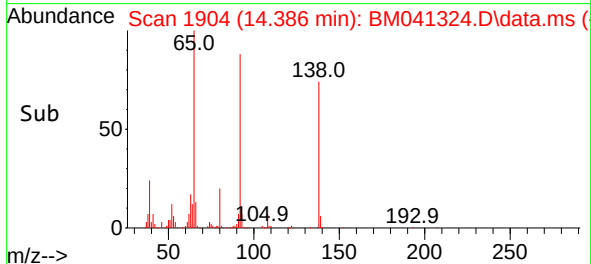
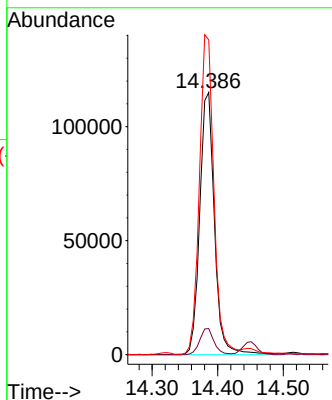
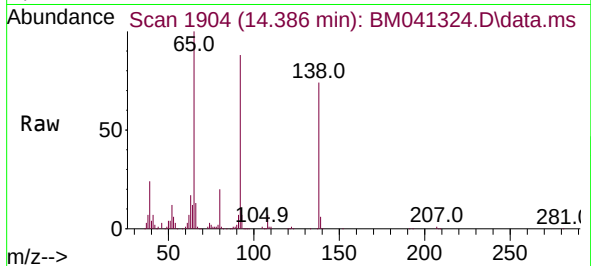




#53
3-Nitroaniline
Concen: 29.760 ng
RT: 14.386 min Scan# 1904
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

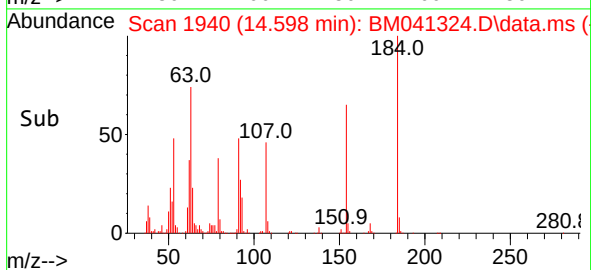
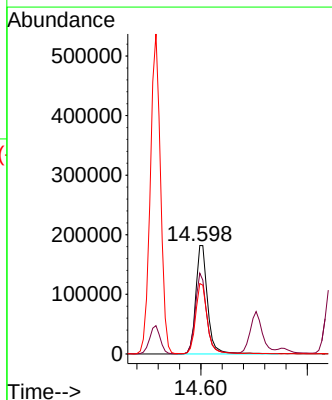
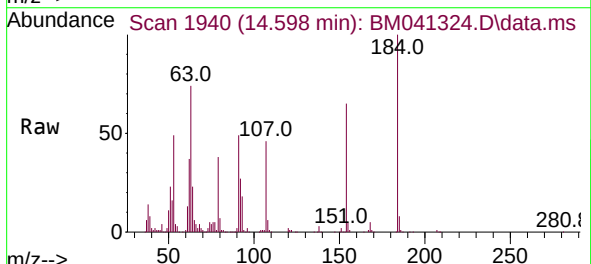
Instrument :
BNA_M
ClientSampleId :
PB154586BS

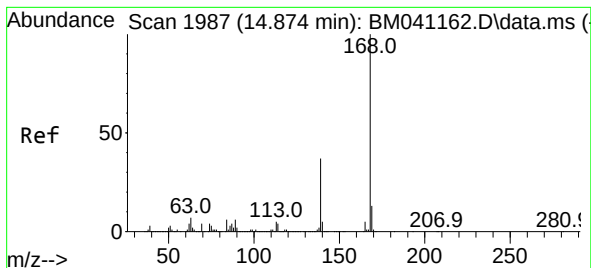
Tgt Ion:138 Resp: 177951
Ion Ratio Lower Upper
138 100
108 9.9 7.6 11.4
92 120.0 98.9 148.3



#54
2,4-Dinitrophenol
Concen: 77.372 ng
RT: 14.598 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

Tgt Ion:184 Resp: 278971
Ion Ratio Lower Upper
184 100
63 74.4 66.5 99.7
154 64.8 52.8 79.2





#55

Dibenzofuran

Concen: 35.486 ng

RT: 14.851 min Scan# 1983

Delta R.T. -0.006 min

Lab File: BM041324.D

Acq: 08 Aug 2023 10:47

Instrument :

BNA_M

ClientSampleId :

PB154586BS

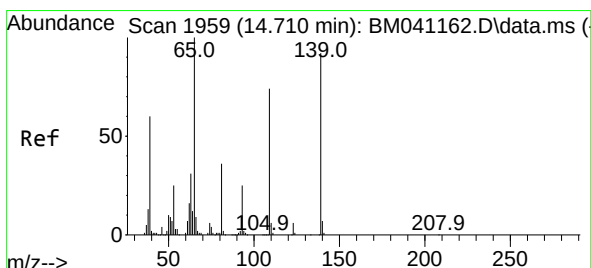
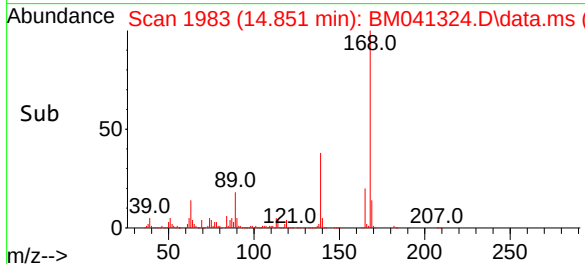
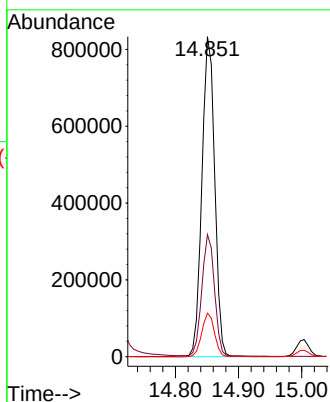
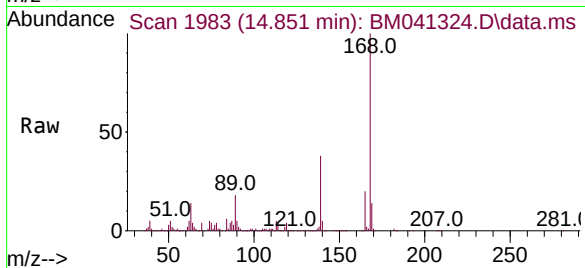
Tgt Ion:168 Resp: 1170523

Ion Ratio Lower Upper

168 100

139 38.1 29.8 44.6

169 13.6 10.5 15.7



#56

4-Nitrophenol

Concen: 77.489 ng

RT: 14.704 min Scan# 1958

Delta R.T. 0.000 min

Lab File: BM041324.D

Acq: 08 Aug 2023 10:47

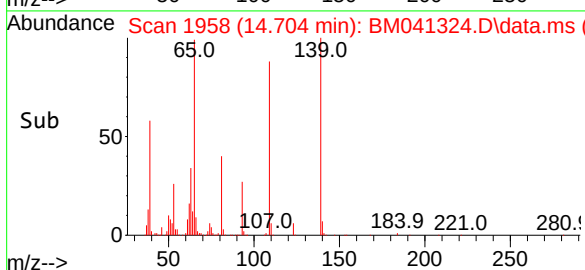
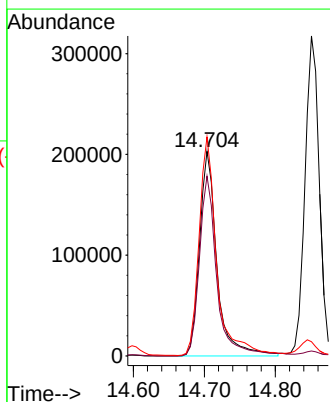
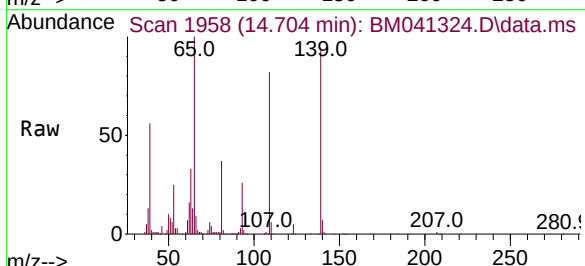
Tgt Ion:139 Resp: 345733

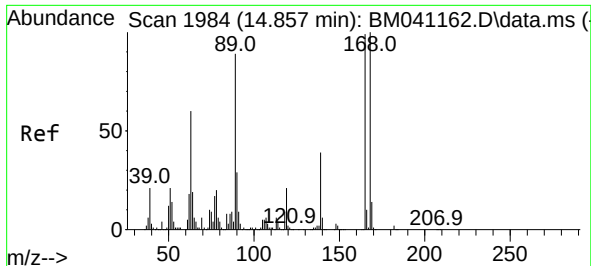
Ion Ratio Lower Upper

139 100

109 87.9 61.2 101.2

65 107.0 89.5 129.5

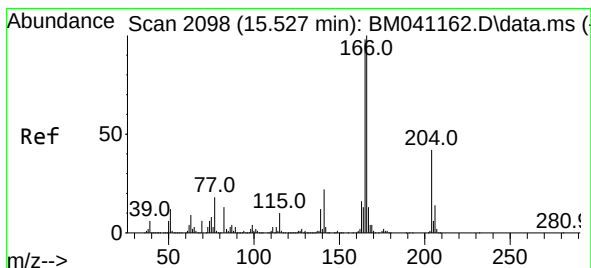
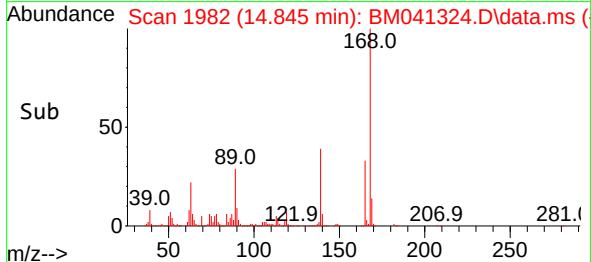
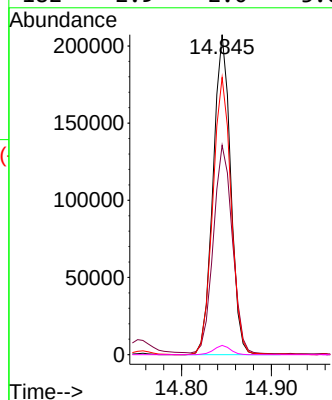
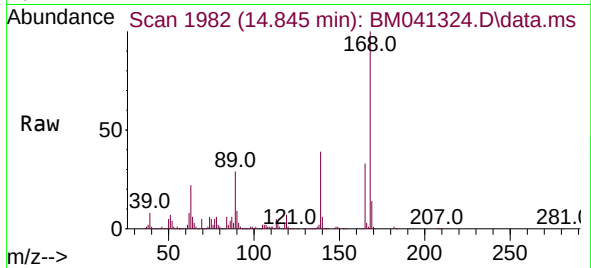




#57
2,4-Dinitrotoluene
Concen: 37.520 ng
RT: 14.845 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

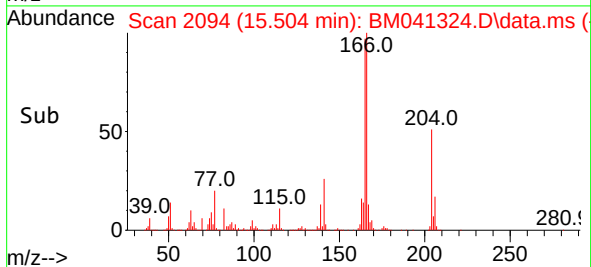
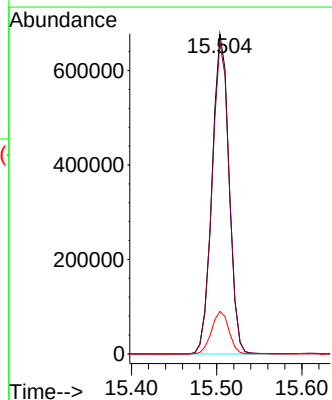
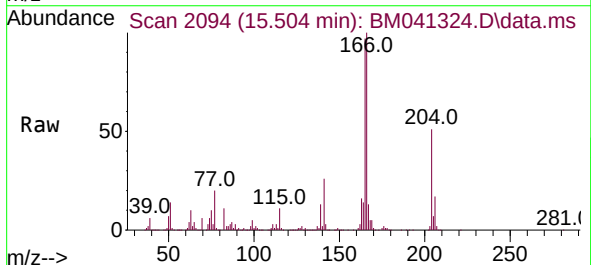
Instrument :
BNA_M
ClientSampleId :
PB154586BS

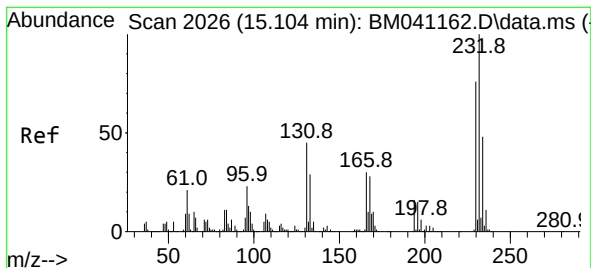
Tgt Ion:165 Resp: 282122
Ion Ratio Lower Upper
165 100
63 65.4 48.3 72.5
89 86.6 71.8 107.8
182 2.9 2.0 3.0



#58
Fluorene
Concen: 35.963 ng
RT: 15.504 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

Tgt Ion:166 Resp: 935807
Ion Ratio Lower Upper
166 100
165 97.4 78.2 117.4
167 13.3 10.6 16.0

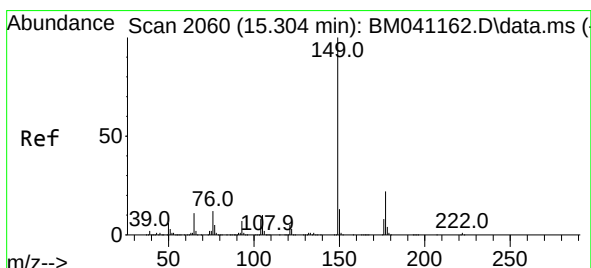
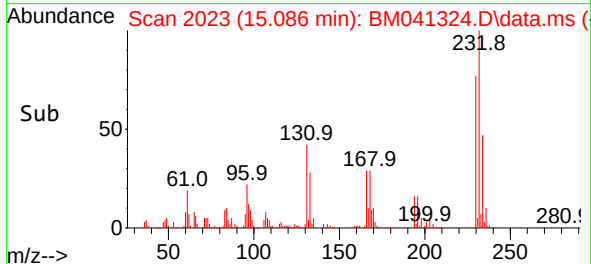
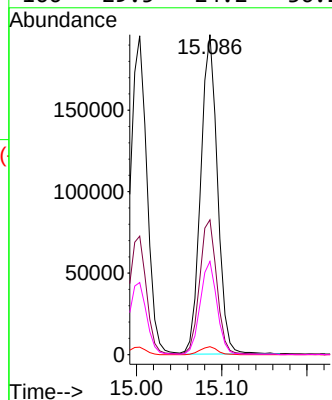
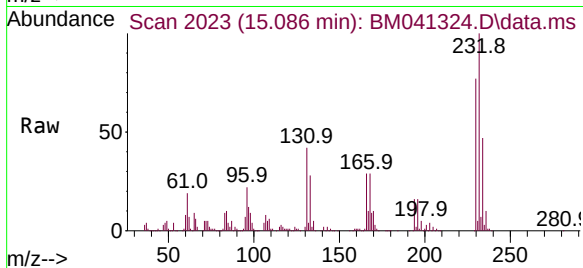




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.947 ng
RT: 15.086 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

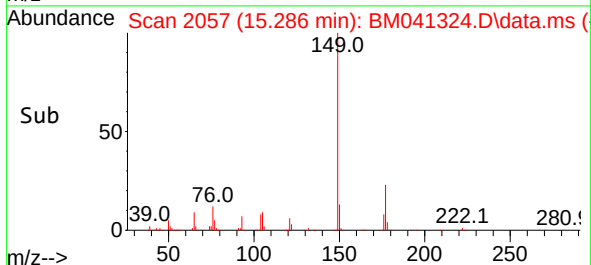
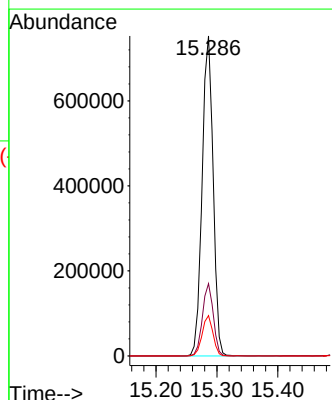
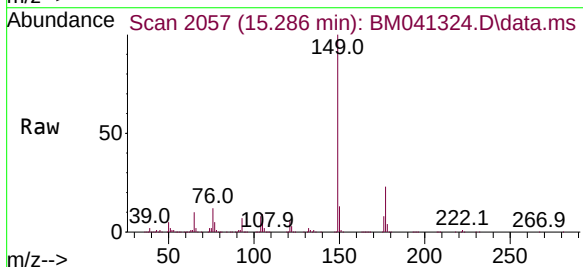
Instrument :
BNA_M
ClientSampleId :
PB154586BS

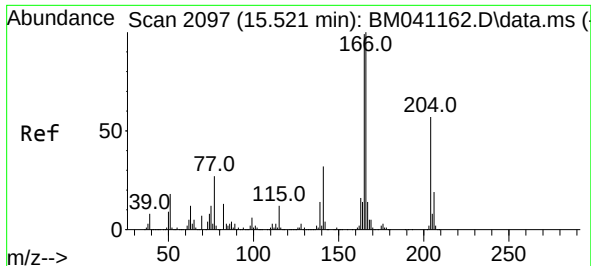
Tgt Ion:232 Resp: 267644
Ion Ratio Lower Upper
232 100
131 43.3 36.9 55.3
130 2.5 2.0 3.0
166 29.5 24.2 36.2



#60
Diethylphthalate
Concen: 37.724 ng
RT: 15.286 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

Tgt Ion:149 Resp: 942578
Ion Ratio Lower Upper
149 100
177 22.6 17.5 26.3
150 12.6 10.1 15.1

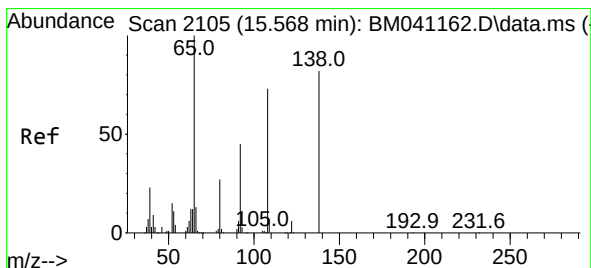
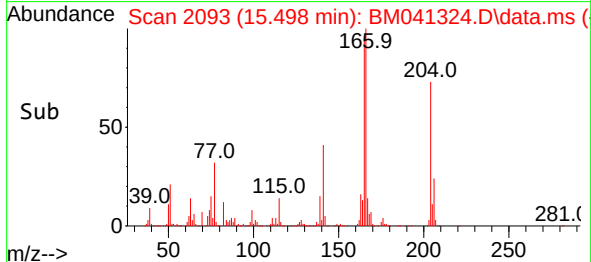
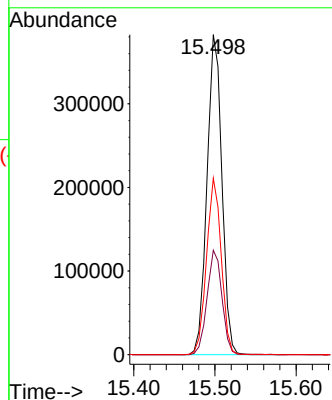
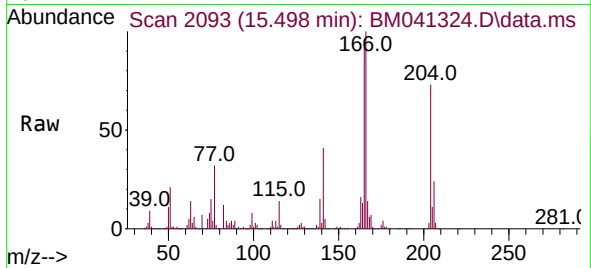




#61
4-Chlorophenyl-phenylether
Concen: 37.456 ng
RT: 15.498 min Scan# 2097
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

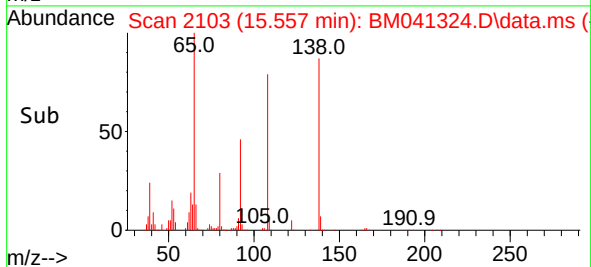
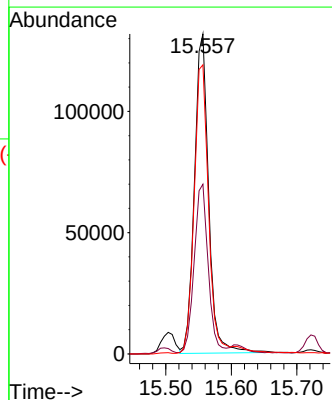
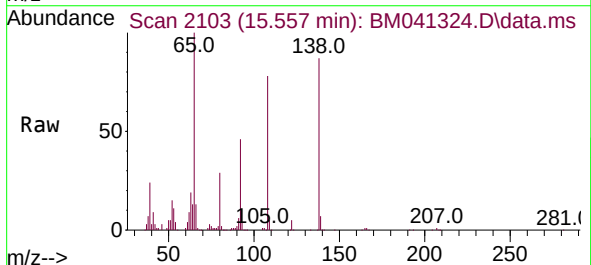
Instrument :
BNA_M
ClientSampleId :
PB154586BS

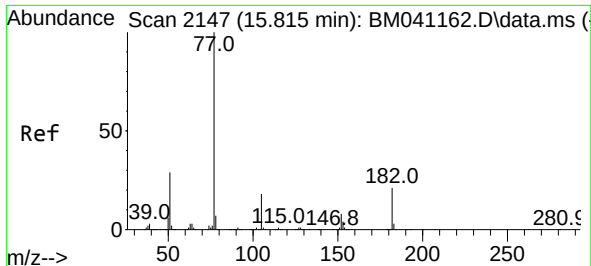
Tgt Ion:204 Resp: 488415
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 55.1 44.8 67.2



#62
4-Nitroaniline
Concen: 35.838 ng
RT: 15.557 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

Tgt Ion:138 Resp: 198063
Ion Ratio Lower Upper
138 100
92 53.0 35.1 75.1
108 90.3 67.8 107.8

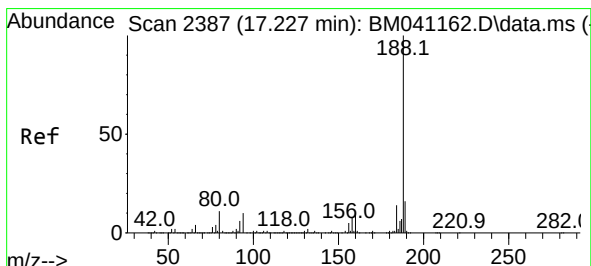
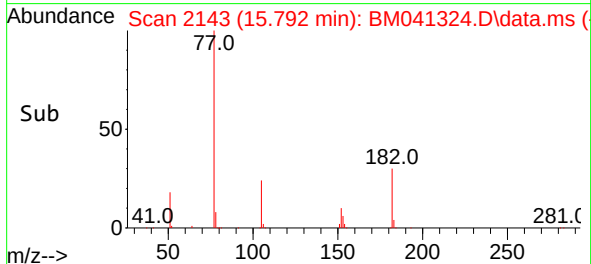
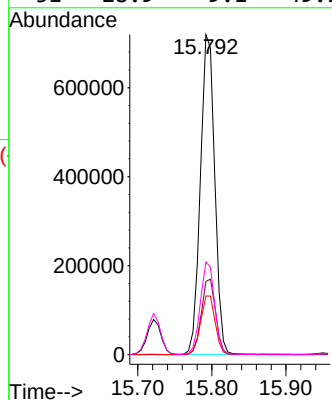
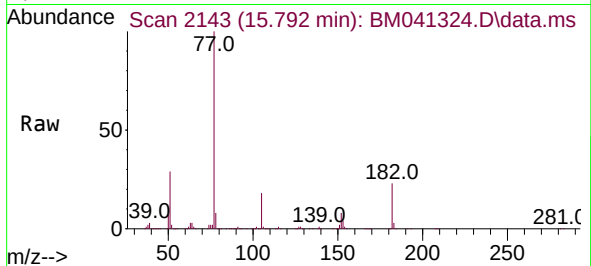




#63
Azobenzene
Concen: 35.230 ng
RT: 15.792 min Scan# 2143
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

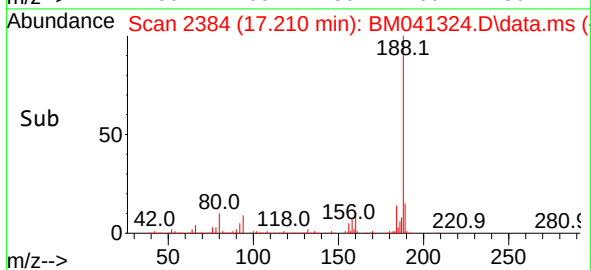
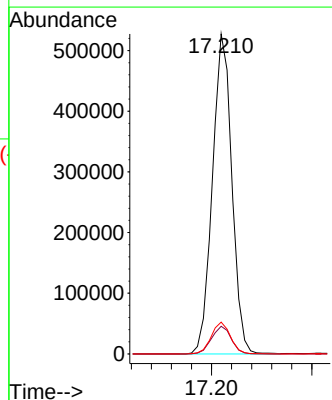
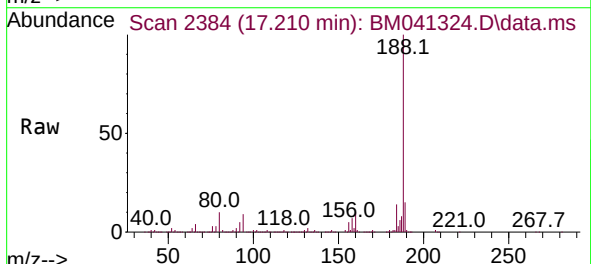
Instrument :
BNA_M
ClientSampleId :
PB154586BS

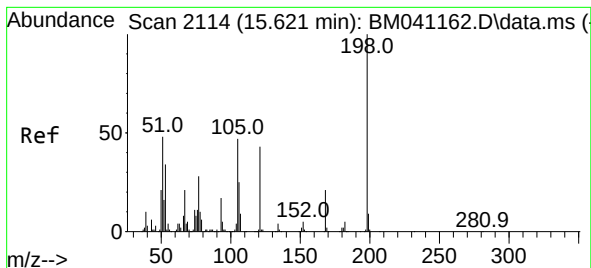
Tgt Ion: 77	Resp: 964218
Ion Ratio	Lower Upper
77 100	
182 22.9	1.3 41.3
105 18.3	0.0 38.5
51 28.9	9.1 49.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2384
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

Tgt Ion:188	Resp: 710567
Ion Ratio	Lower Upper
188 100	
94 8.6	8.2 12.2
80 9.9	8.6 13.0

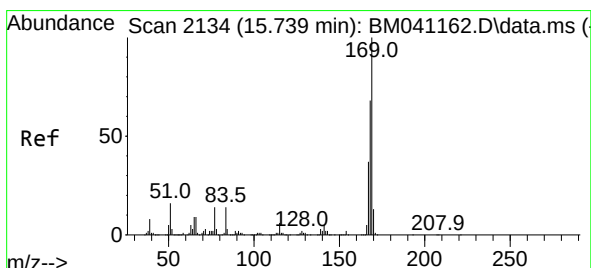
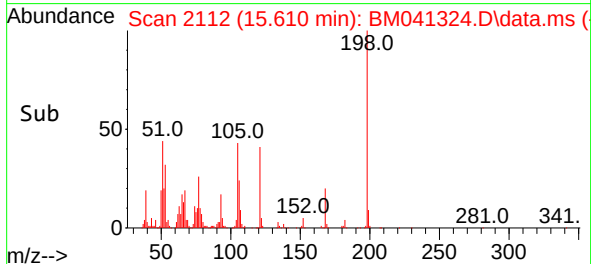
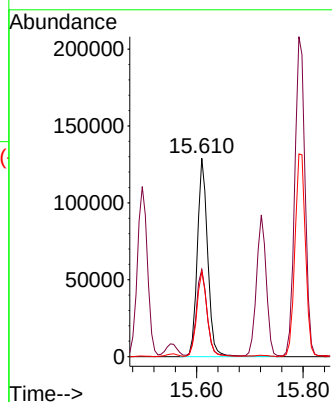
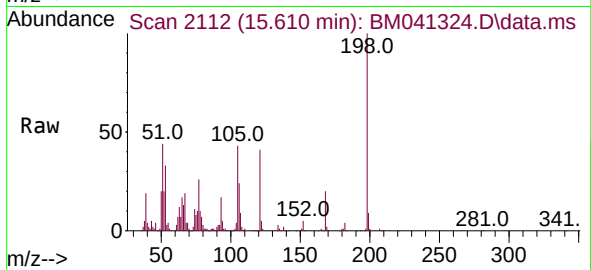




#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.306 ng
 RT: 15.610 min Scan# 2112
 Delta R.T. -0.006 min
 Lab File: BM041324.D
 Acq: 08 Aug 2023 10:47

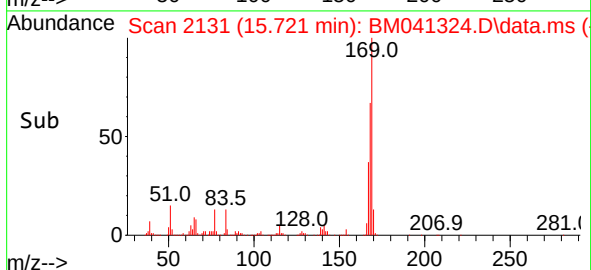
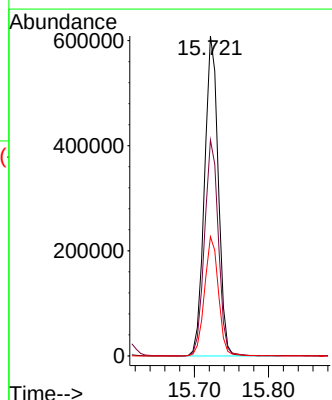
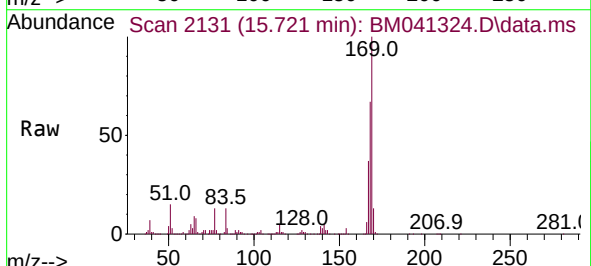
Instrument :
 BNA_M
 ClientSampleId :
 PB154586BS

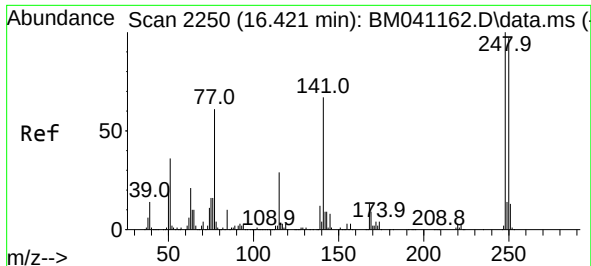
Tgt Ion:198 Resp: 173502
 Ion Ratio Lower Upper
 198 100
 51 44.0 31.7 71.7
 105 42.9 27.8 67.8



#66
 n-Nitrosodiphenylamine
 Concen: 35.602 ng
 RT: 15.721 min Scan# 2131
 Delta R.T. -0.006 min
 Lab File: BM041324.D
 Acq: 08 Aug 2023 10:47

Tgt Ion:169 Resp: 786783
 Ion Ratio Lower Upper
 169 100
 168 67.5 54.6 81.8
 167 37.2 29.9 44.9

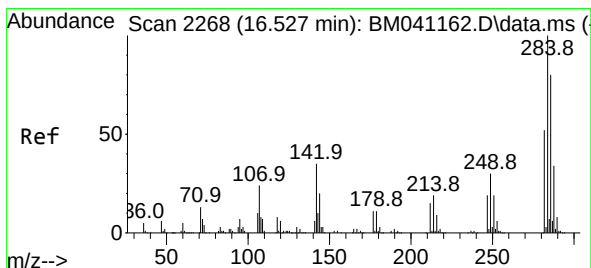
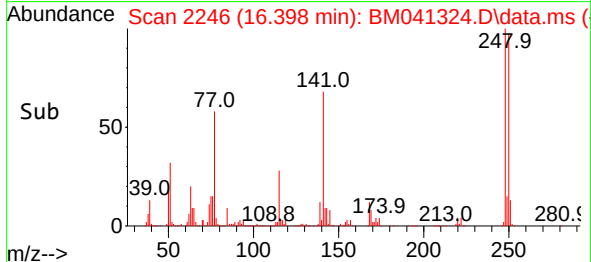
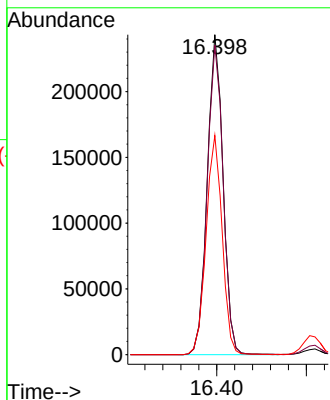
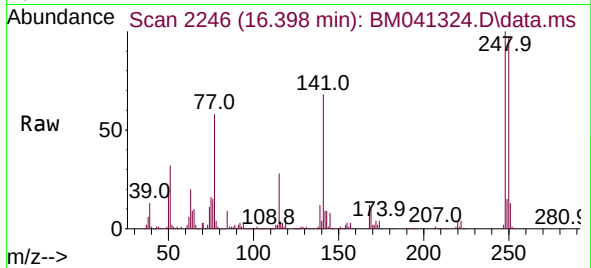




#67
4-Bromophenyl-phenylether
Concen: 38.184 ng
RT: 16.398 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

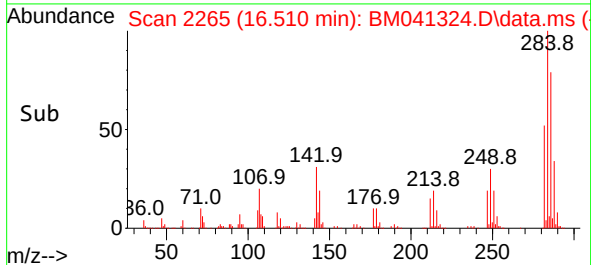
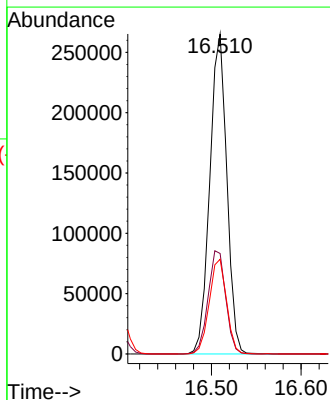
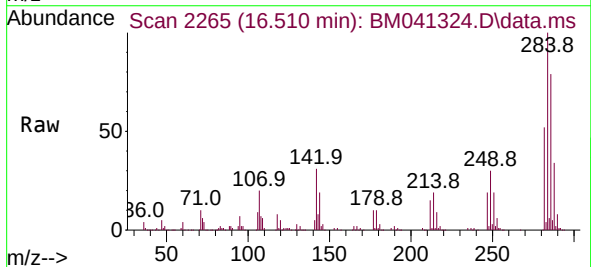
Instrument :
BNA_M
ClientSampleId :
PB154586BS

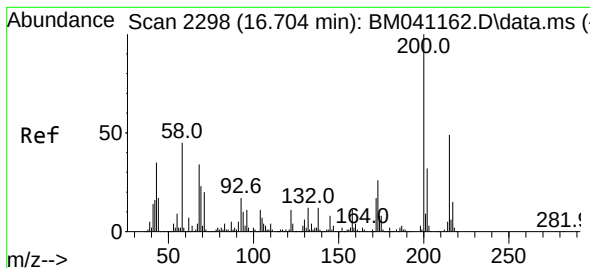
Tgt Ion:248 Resp: 297482
Ion Ratio Lower Upper
248 100
250 96.7 78.0 117.0
141 68.5 53.8 80.8



#68
Hexachlorobenzene
Concen: 40.311 ng
RT: 16.510 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

Tgt Ion:284 Resp: 349219
Ion Ratio Lower Upper
284 100
142 31.4 28.0 42.0
249 29.6 23.7 35.5





#69

Atrazine

Concen: 49.481 ng

RT: 16.686 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041324.D

Acq: 08 Aug 2023 10:47

Instrument :

BNA_M

ClientSampleId :

PB154586BS

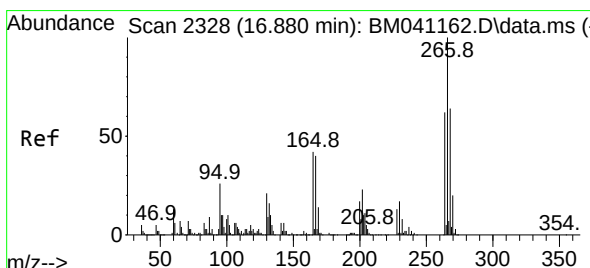
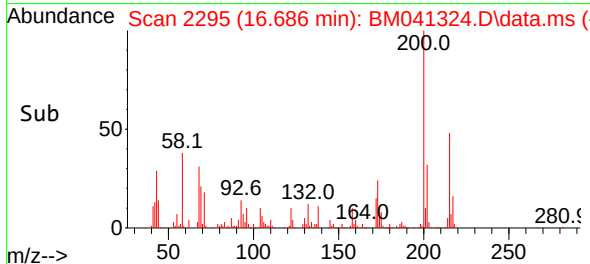
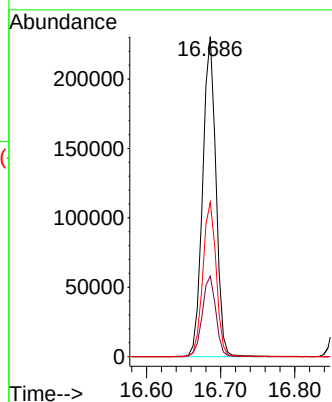
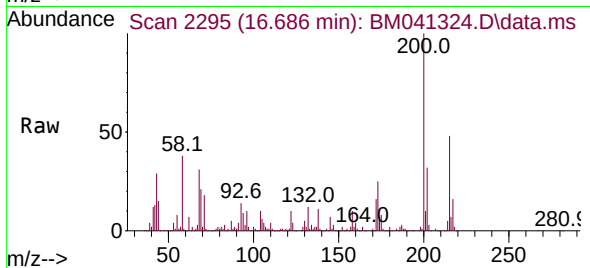
Tgt Ion:200 Resp: 287166

Ion Ratio Lower Upper

200 100

173 25.1 5.6 45.6

215 48.3 28.5 68.5



#70

Pentachlorophenol

Concen: 67.399 ng

RT: 16.863 min Scan# 2325

Delta R.T. -0.006 min

Lab File: BM041324.D

Acq: 08 Aug 2023 10:47

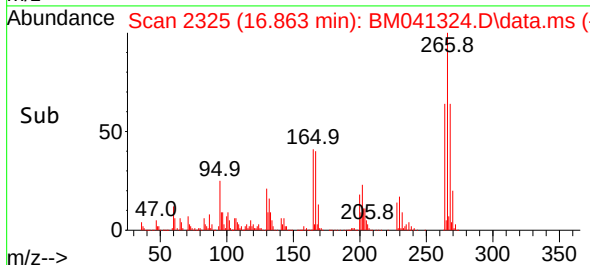
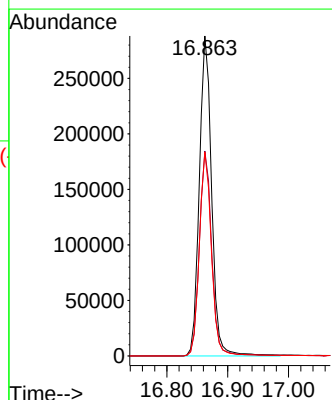
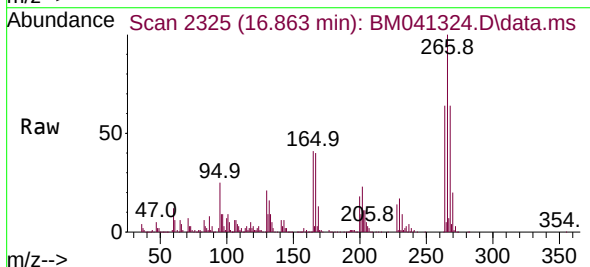
Tgt Ion:266 Resp: 404315

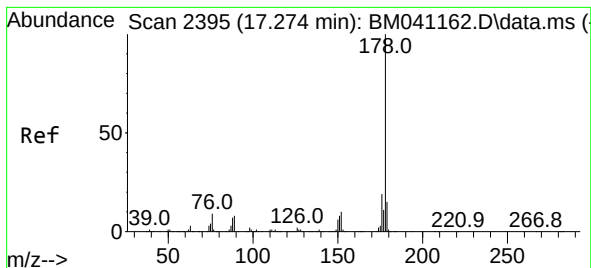
Ion Ratio Lower Upper

266 100

268 64.0 51.0 76.6

264 63.7 49.4 74.2





#71

Phenanthrene

Concen: 36.139 ng

RT: 17.251 min Scan# 2391

Delta R.T. -0.006 min

Lab File: BM041324.D

Acq: 08 Aug 2023 10:47

Instrument :

BNA_M

ClientSampleId :

PB154586BS

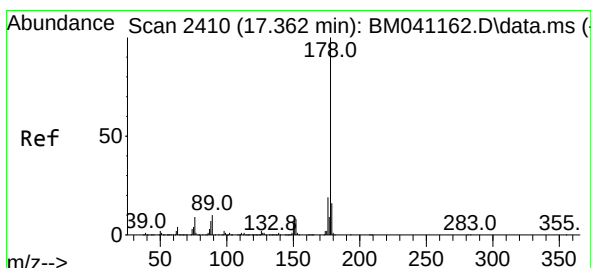
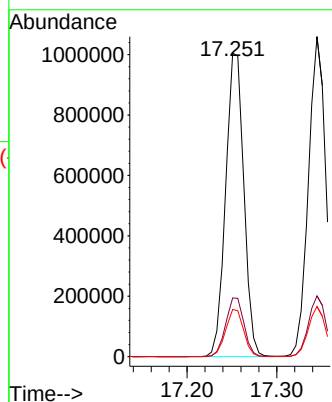
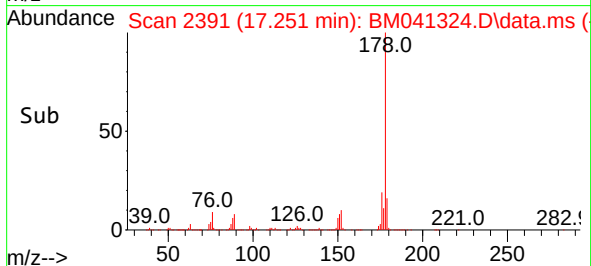
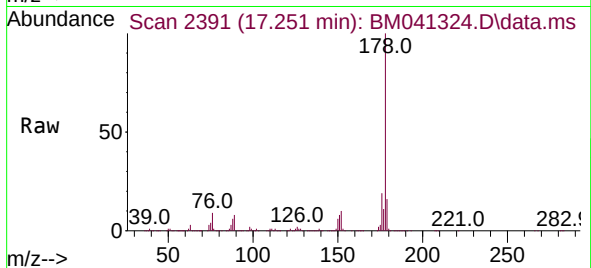
Tgt Ion:178 Resp: 1426763

Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

179 15.5 12.1 18.1



#72

Anthracene

Concen: 36.895 ng

RT: 17.345 min Scan# 2407

Delta R.T. -0.006 min

Lab File: BM041324.D

Acq: 08 Aug 2023 10:47

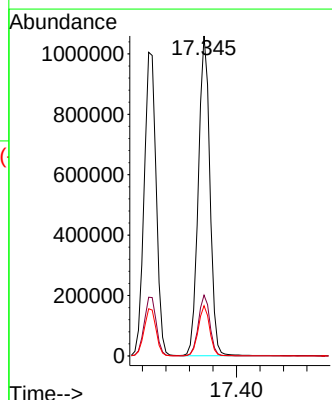
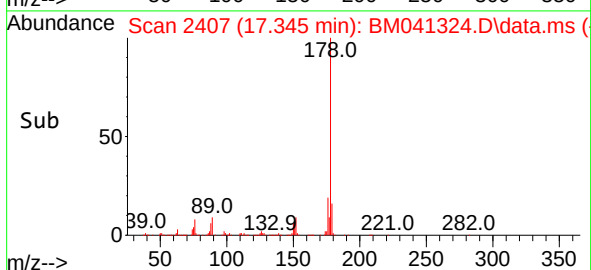
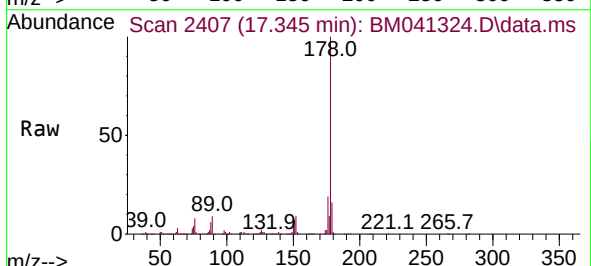
Tgt Ion:178 Resp: 1440586

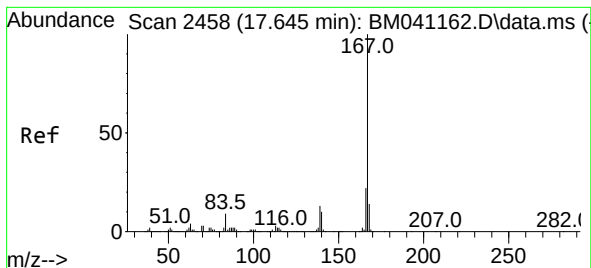
Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

179 15.7 12.4 18.6





#73

Carbazole

Concen: 37.651 ng

RT: 17.627 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM041324.D

Acq: 08 Aug 2023 10:47

Instrument :

BNA_M

ClientSampleId :

PB154586BS

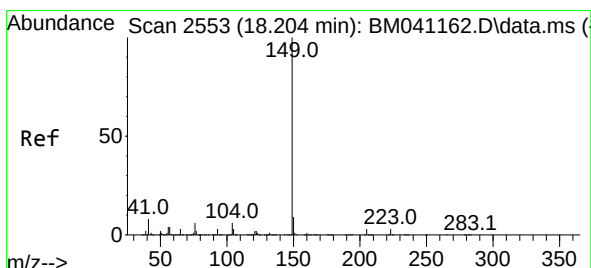
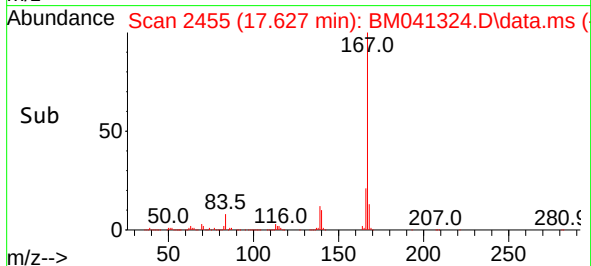
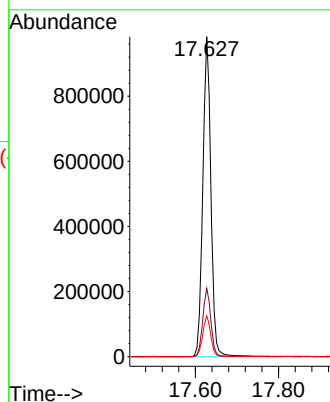
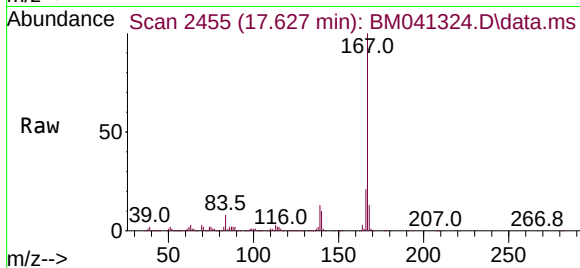
Tgt Ion:167 Resp: 1330610

Ion Ratio Lower Upper

167 100

166 21.3 17.3 25.9

139 12.7 10.3 15.5



#74

Di-n-butylphthalate

Concen: 41.321 ng

RT: 18.186 min Scan# 2550

Delta R.T. 0.000 min

Lab File: BM041324.D

Acq: 08 Aug 2023 10:47

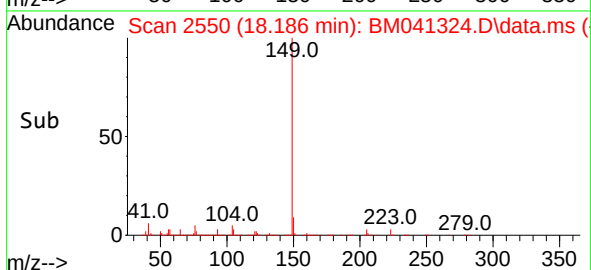
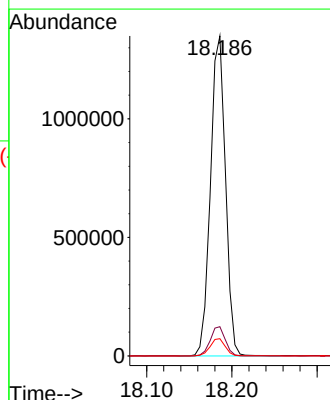
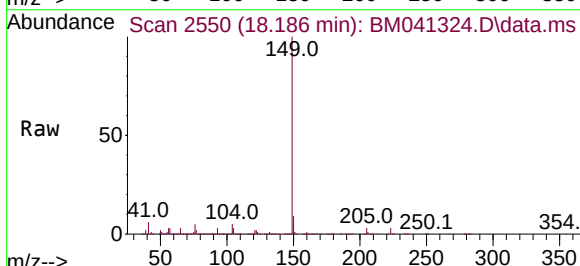
Tgt Ion:149 Resp: 1650144

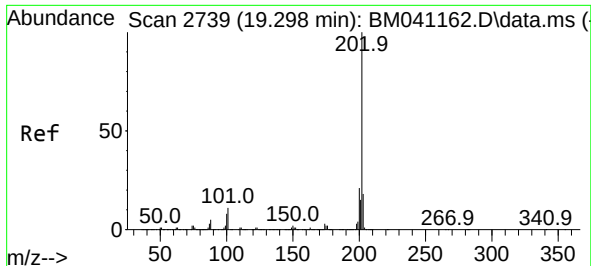
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 5.4 4.5 6.7

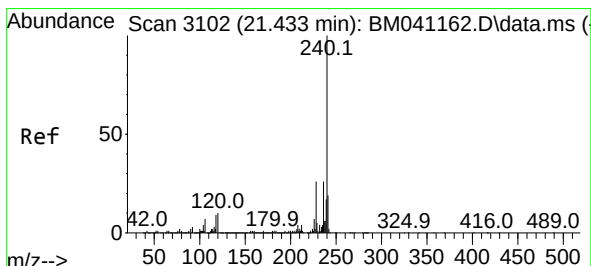
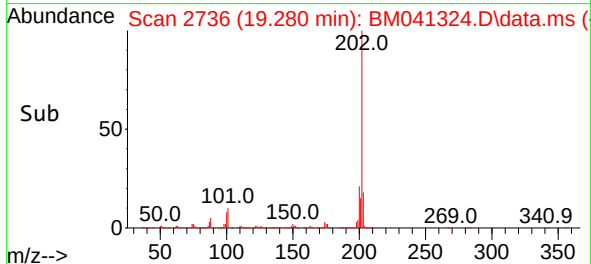
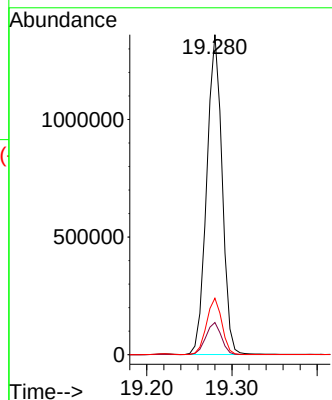
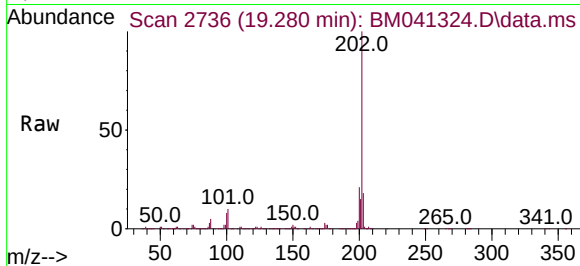




#75
Fluoranthene
Concen: 38.406 ng
RT: 19.280 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

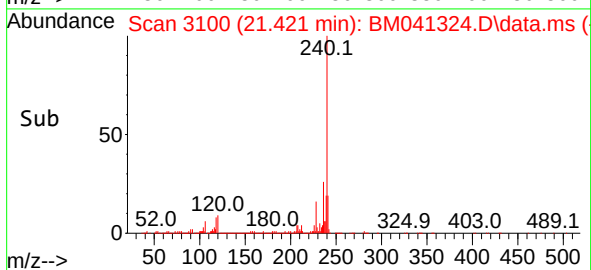
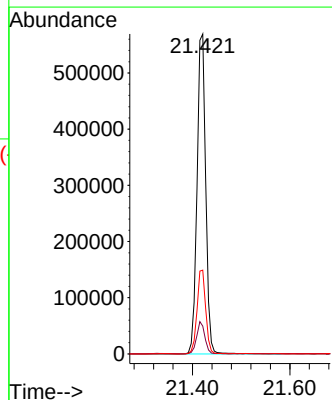
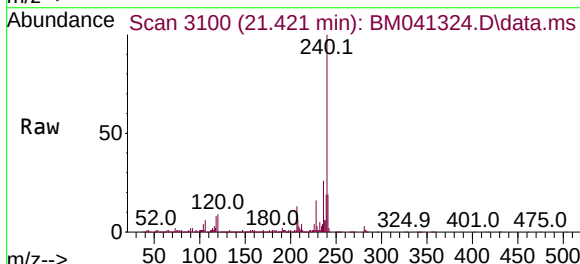
Instrument :
BNA_M
ClientSampleId :
PB154586BS

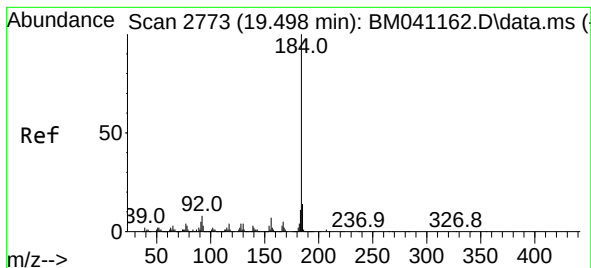
Tgt Ion:202 Resp: 1703453
Ion Ratio Lower Upper
202 100
101 10.0 0.0 30.8
203 17.6 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3100
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

Tgt Ion:240 Resp: 699380
Ion Ratio Lower Upper
240 100
120 8.7 8.3 12.5
236 26.2 20.6 30.8





#77

Benzidine

Concen: 93.541 ng

RT: 19.480 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041324.D

Acq: 08 Aug 2023 10:47

Instrument :

BNA_M

ClientSampleId :

PB154586BS

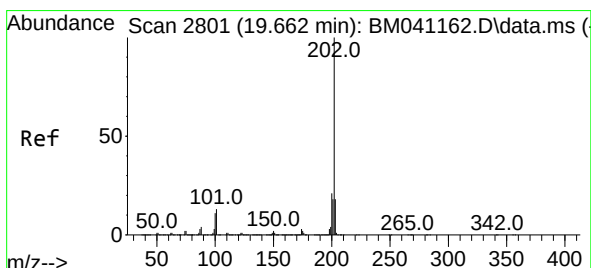
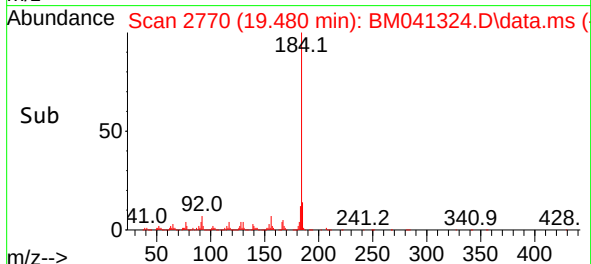
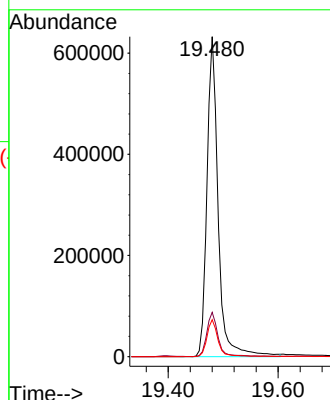
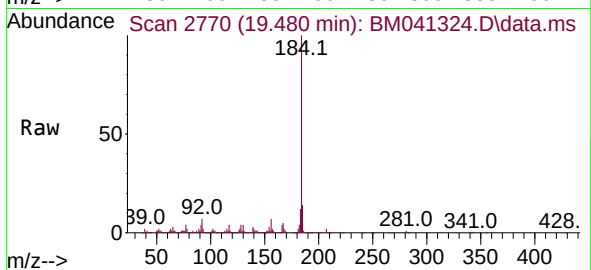
Tgt Ion:184 Resp: 891677

Ion Ratio Lower Upper

184 100

185 13.8 11.4 17.0

183 11.5 9.2 13.8



#78

Pyrene

Concen: 36.777 ng

RT: 19.645 min Scan# 2798

Delta R.T. 0.000 min

Lab File: BM041324.D

Acq: 08 Aug 2023 10:47

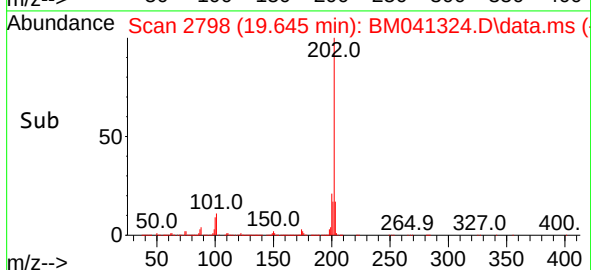
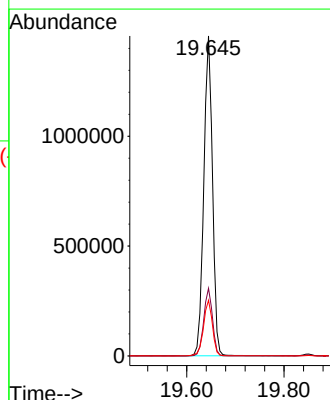
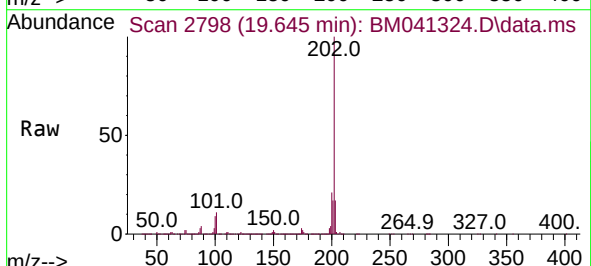
Tgt Ion:202 Resp: 1798693

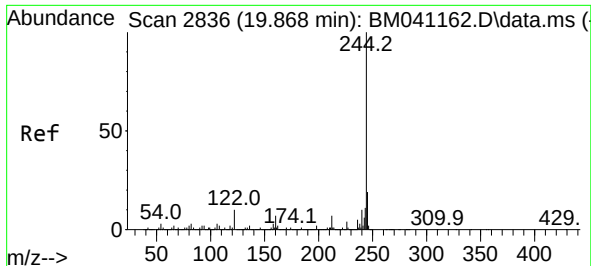
Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

203 17.4 14.1 21.1

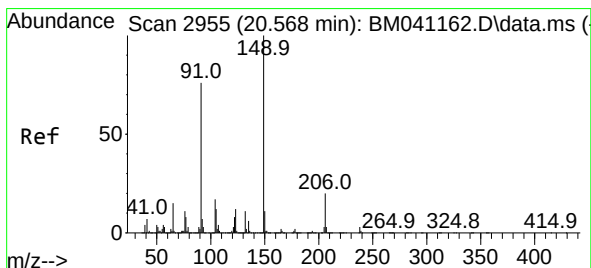
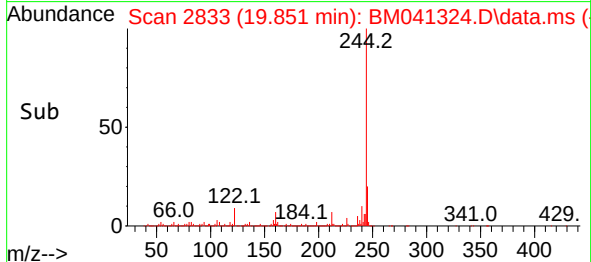
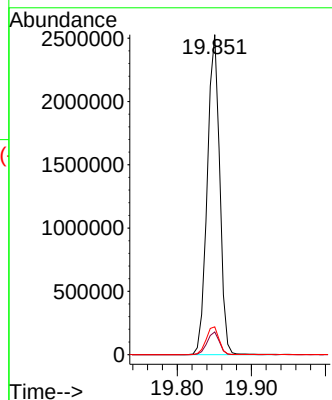
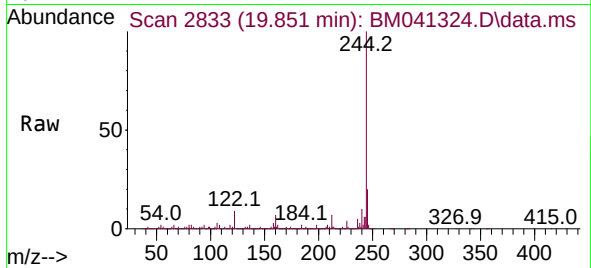




#79
 Terphenyl-d14
 Concen: 75.801 ng
 RT: 19.851 min Scan# 2833
 Delta R.T. 0.000 min
 Lab File: BM041324.D
 Acq: 08 Aug 2023 10:47

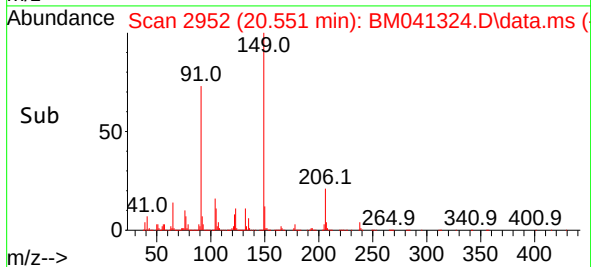
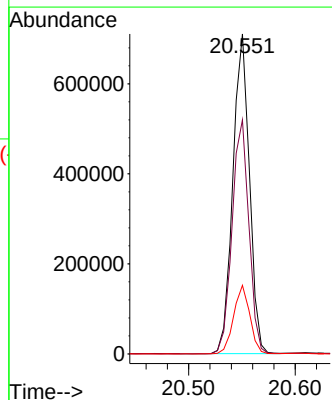
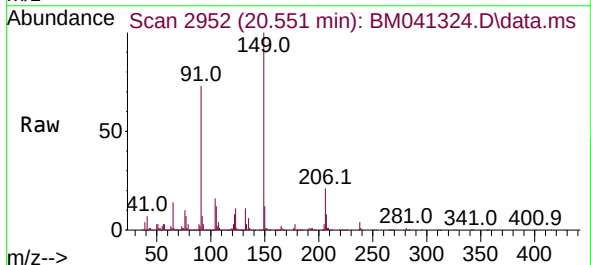
Instrument :
 BNA_M
 ClientSampleId :
 PB154586BS

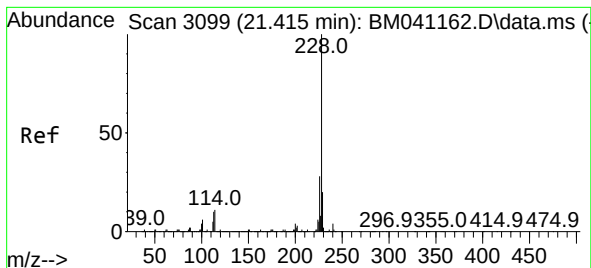
Tgt Ion:244 Resp: 2932079
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 8.7 7.8 11.6



#80
 Butylbenzylphthalate
 Concen: 42.747 ng
 RT: 20.551 min Scan# 2952
 Delta R.T. 0.000 min
 Lab File: BM041324.D
 Acq: 08 Aug 2023 10:47

Tgt Ion:149 Resp: 763490
 Ion Ratio Lower Upper
 149 100
 91 73.1 60.8 91.2
 206 21.4 16.4 24.6





#81

Benzo(a)anthracene

Concen: 38.578 ng

RT: 21.403 min Scan# 3097

Delta R.T. 0.000 min

Lab File: BM041324.D

Acq: 08 Aug 2023 10:47

Instrument :

BNA_M

ClientSampleId :

PB154586BS

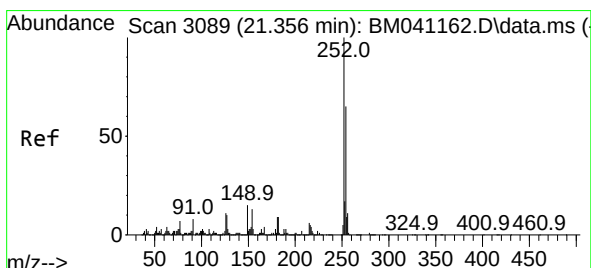
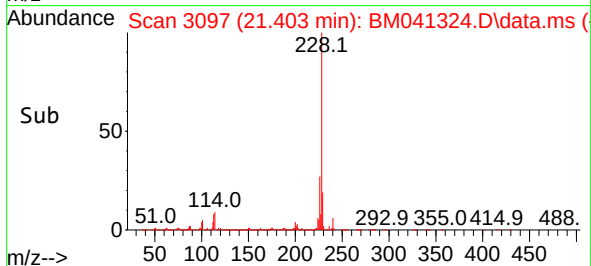
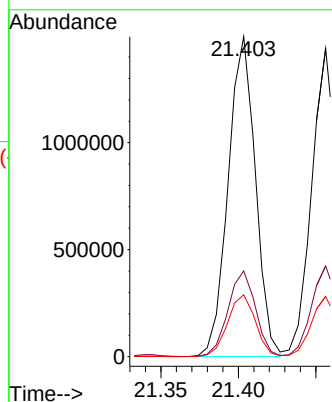
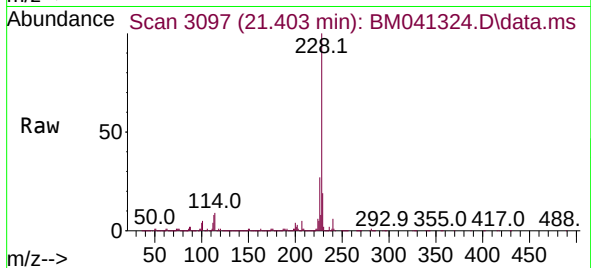
Tgt Ion:228 Resp: 1829052

Ion Ratio Lower Upper

228 100

226 26.8 22.4 33.6

229 19.3 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 42.935 ng

RT: 21.345 min Scan# 3087

Delta R.T. 0.000 min

Lab File: BM041324.D

Acq: 08 Aug 2023 10:47

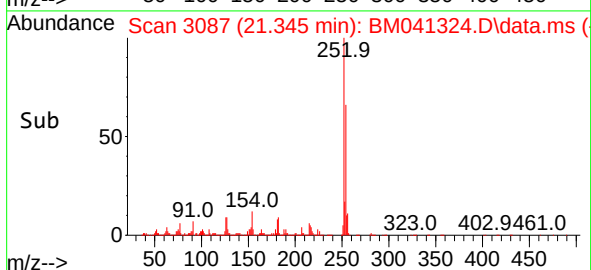
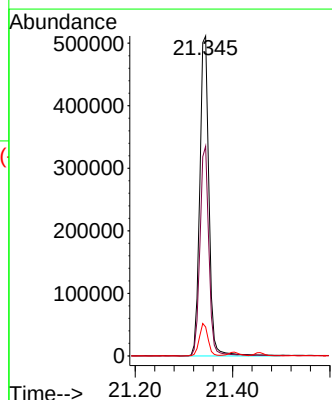
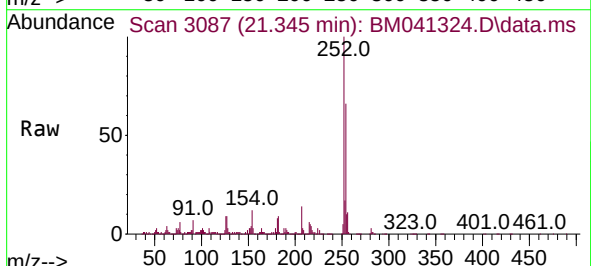
Tgt Ion:252 Resp: 664259

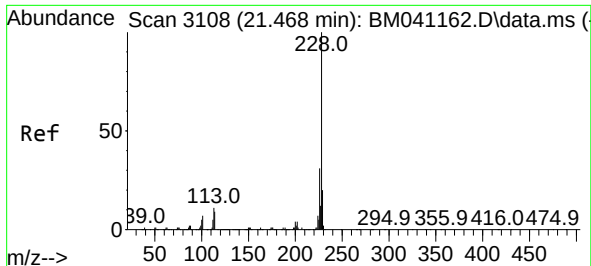
Ion Ratio Lower Upper

252 100

254 65.5 51.8 77.6

126 9.0 8.6 13.0

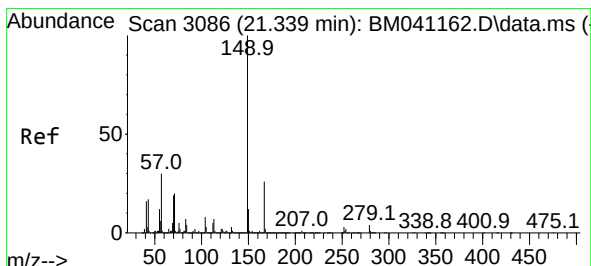
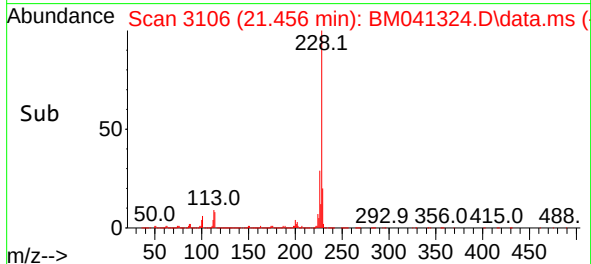
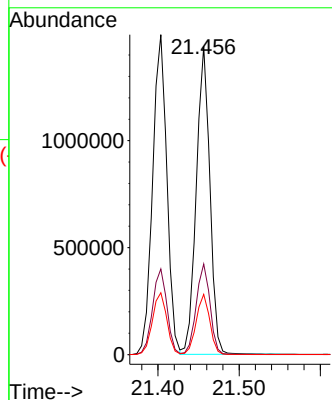
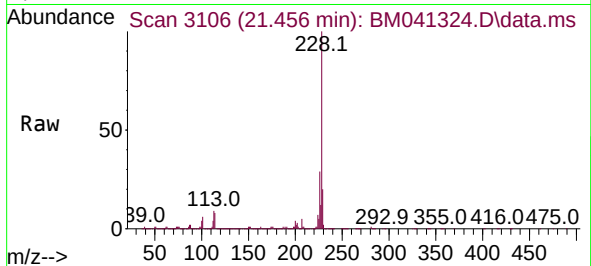




#83
Chrysene
Concen: 36.311 ng
RT: 21.456 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

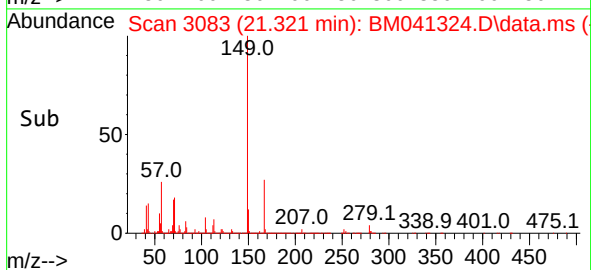
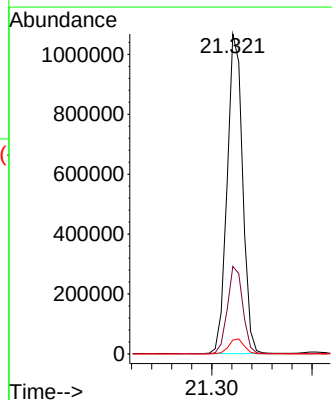
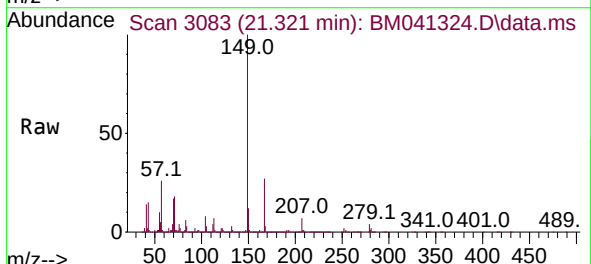
Instrument :
BNA_M
ClientSampleId :
PB154586BS

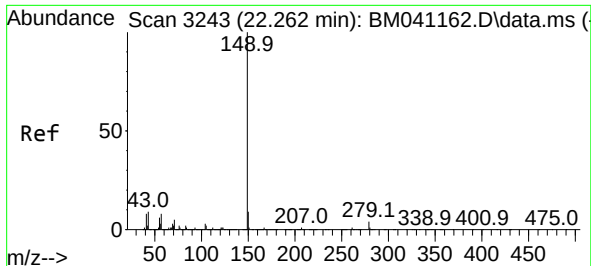
Tgt Ion:228 Resp: 1665216
Ion Ratio Lower Upper
228 100
226 29.4 24.5 36.7
229 19.5 15.8 23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.765 ng
RT: 21.321 min Scan# 3083
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

Tgt Ion:149 Resp: 1144774
Ion Ratio Lower Upper
149 100
167 27.3 21.0 31.6
279 4.3 3.1 4.7

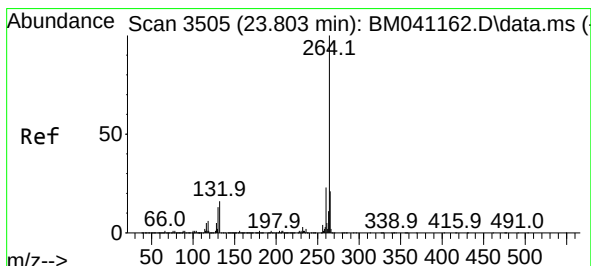
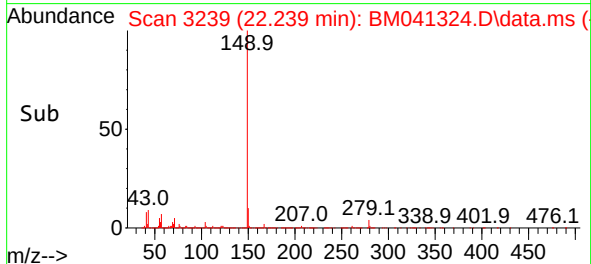
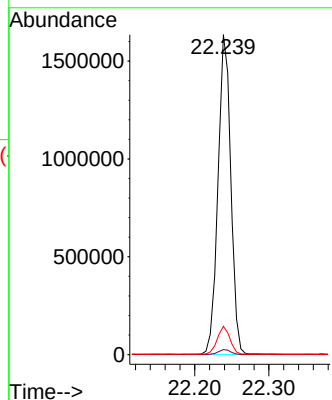
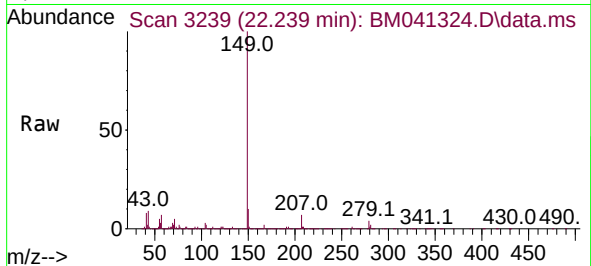




#85
Di-n-octyl phthalate
Concen: 43.404 ng
RT: 22.239 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

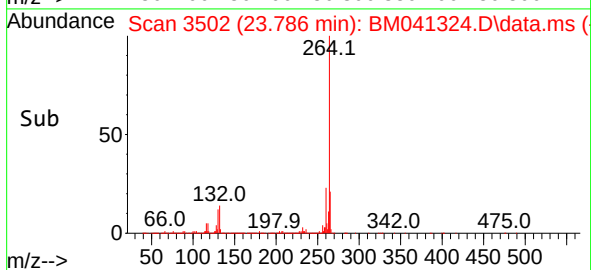
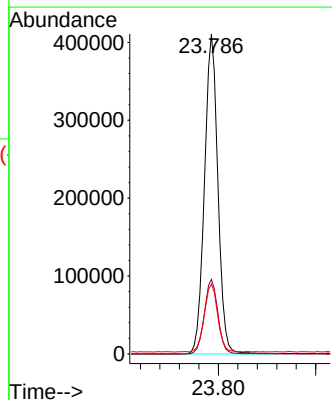
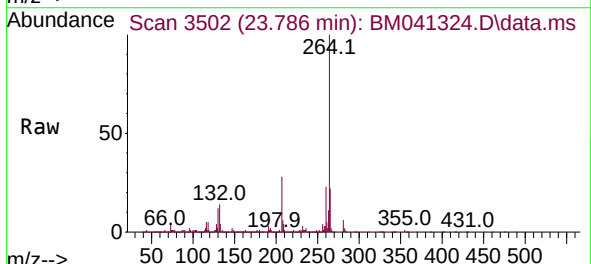
Instrument :
BNA_M
ClientSampleId :
PB154586BS

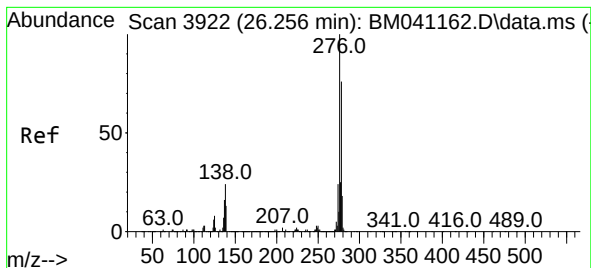
Tgt Ion:149 Resp: 1959229
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.7 8.3 12.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.786 min Scan# 3502
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

Tgt Ion:264 Resp: 785136
Ion Ratio Lower Upper
264 100
260 23.3 18.5 27.7
265 21.8 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.044 ng

RT: 26.238 min Scan# 3919

Delta R.T. -0.006 min

Lab File: BM041324.D

Acq: 08 Aug 2023 10:47

Instrument :

BNA_M

ClientSampleId :

PB154586BS

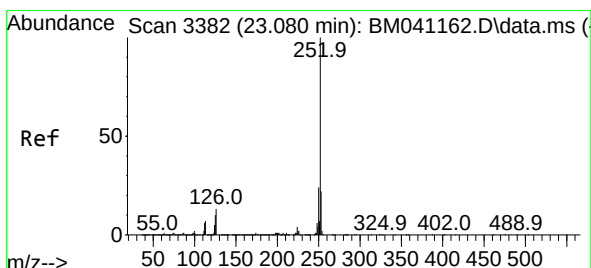
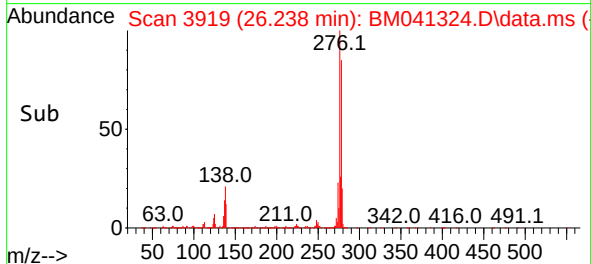
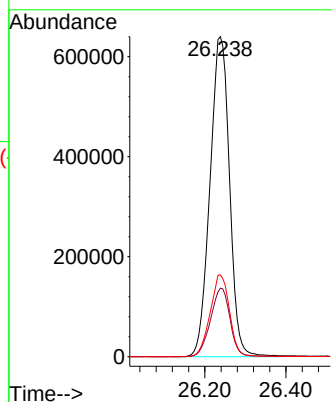
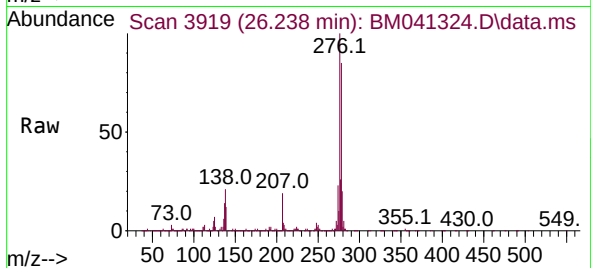
Tgt Ion:276 Resp: 2138310

Ion Ratio Lower Upper

276 100

138 21.4 20.0 30.0

277 25.4 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 40.159 ng

RT: 23.068 min Scan# 3380

Delta R.T. -0.006 min

Lab File: BM041324.D

Acq: 08 Aug 2023 10:47

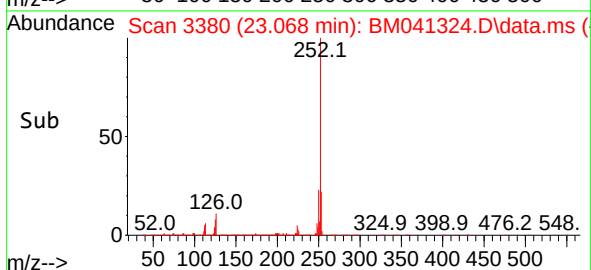
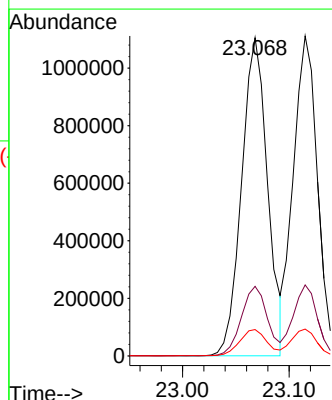
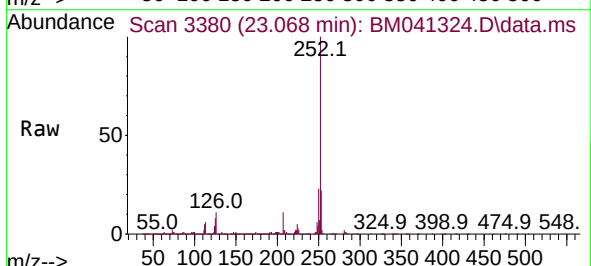
Tgt Ion:252 Resp: 1873069

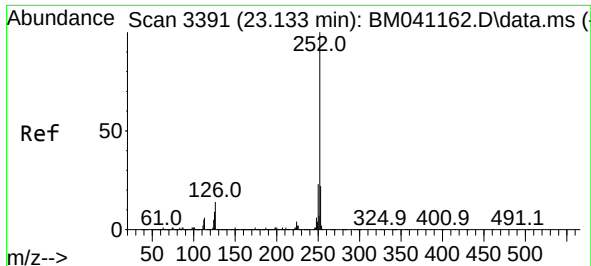
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 8.3 8.2 12.4

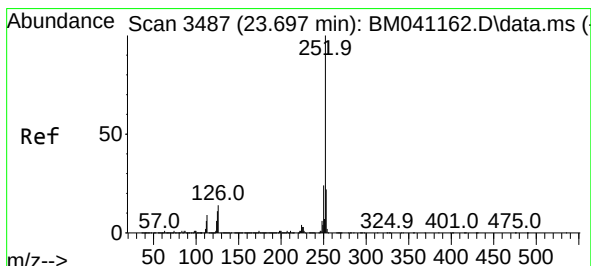
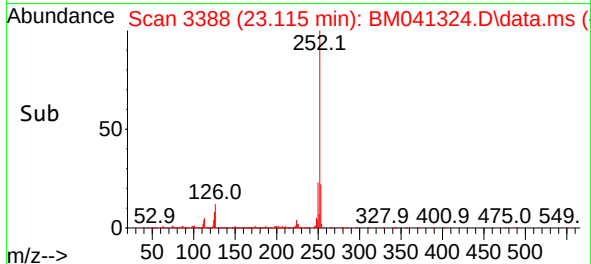
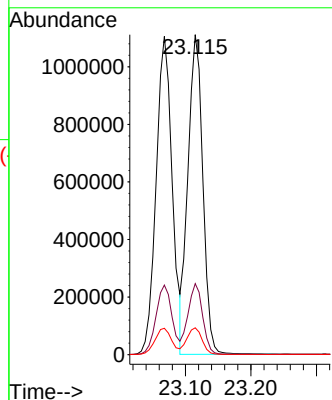
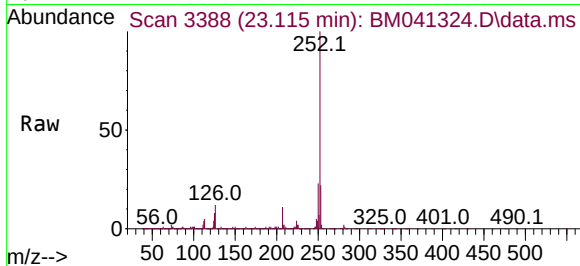




#89
Benzo(k)fluoranthene
Concen: 36.845 ng
RT: 23.115 min Scan# 3391
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

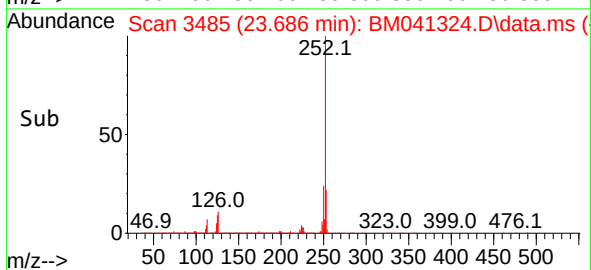
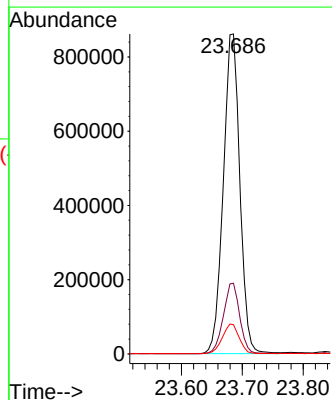
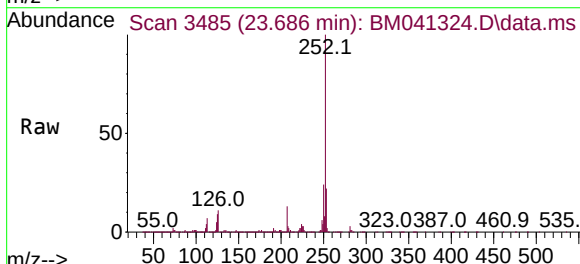
Instrument :
BNA_M
ClientSampleId :
PB154586BS

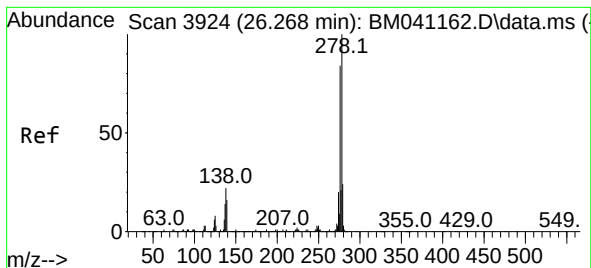
Tgt Ion:252 Resp: 1757885
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 8.4 7.6 11.4



#90
Benzo(a)pyrene
Concen: 36.293 ng
RT: 23.686 min Scan# 3485
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

Tgt Ion:252 Resp: 1626512
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 9.2 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 37.700 ng

RT: 26.250 min Scan# 39

Delta R.T. -0.006 min

Lab File: BM041324.D

Acq: 08 Aug 2023 10:47

Instrument :

BNA_M

ClientSampleId :

PB154586BS

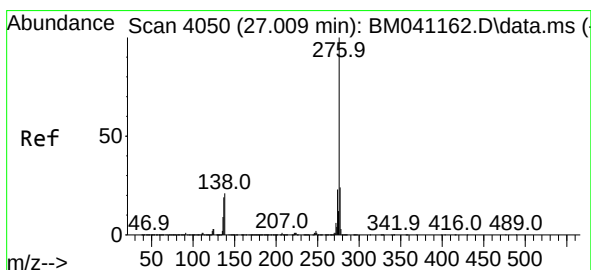
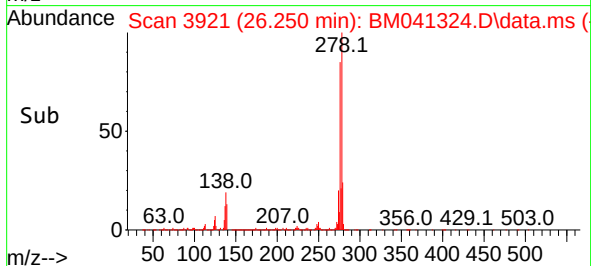
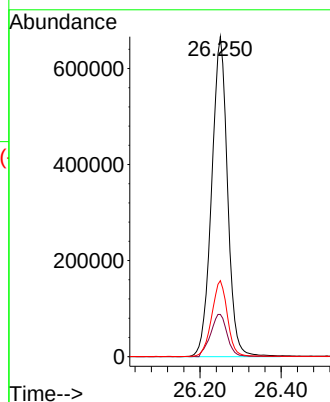
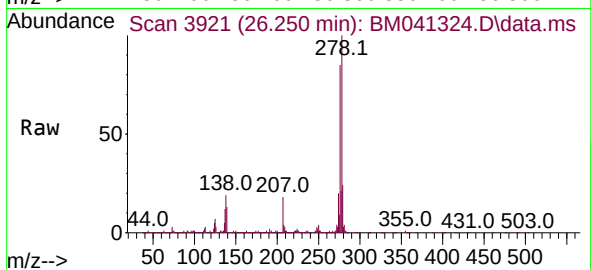
Tgt Ion:278 Resp: 1815131

Ion Ratio Lower Upper

278 100

139 13.2 12.7 19.1

279 23.7 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 35.879 ng

RT: 26.997 min Scan# 4048

Delta R.T. 0.000 min

Lab File: BM041324.D

Acq: 08 Aug 2023 10:47

Tgt Ion:276 Resp: 1690290

Ion Ratio Lower Upper

276 100

277 23.3 19.1 28.7

138 18.0 17.1 25.7

