

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012624\
 Data File : BM043911.D
 Acq On : 26 Jan 2024 13:04
 Operator : MA/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020

Quant Time: Jan 27 04:21:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 04:17:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	303662	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	1303447	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	784646	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	1590684	20.000	ng	0.00
76) Chrysene-d12	21.515	240	1338027	20.000	ng	0.00
86) Perylene-d12	23.927	264	1437729	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	810515	40.474	ng	0.00
7) Phenol-d6	7.081	99	1075090	40.064	ng	0.00
23) Nitrobenzene-d5	9.092	82	1068328	39.889	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	349452	37.590	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	2403324	38.846	ng	0.00
79) Terphenyl-d14	19.956	244	3583485	42.934	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.393	88	171931	20.213	ng	99
3) Pyridine	3.787	79	465944	20.079	ng	100
4) n-Nitrosodimethylamine	3.710	42	219694	20.211	ng	# 98
6) Aniline	7.251	93	527671	20.197	ng	98
8) 2-Chlorophenol	7.481	128	417205	20.024	ng	99
9) Benzaldehyde	7.063	77	328487	22.175	ng	98
10) Phenol	7.110	94	532175	20.153	ng	99
11) bis(2-Chloroethyl)ether	7.357	93	446516	19.945	ng	99
12) 1,3-Dichlorobenzene	7.804	146	495598	20.103	ng	99
13) 1,4-Dichlorobenzene	7.957	146	502837	20.156	ng	99
14) 1,2-Dichlorobenzene	8.269	146	483360	20.170	ng	100
15) Benzyl Alcohol	8.163	79	356222	20.234	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.463	45	687978	20.603	ng	98
17) 2-Methylphenol	8.363	107	341805	20.260	ng	99
18) Hexachloroethane	8.992	117	187150	19.950	ng	97
19) n-Nitroso-di-n-propyla...	8.734	70	386845	21.457	ng	98
20) 3+4-Methylphenols	8.693	107	468371	20.578	ng	99
22) Acetophenone	8.751	105	702029	20.101	ng	# 98
24) Nitrobenzene	9.134	77	541790	20.040	ng	99
25) Isophorone	9.657	82	1020834	20.475	ng	98
26) 2-Nitrophenol	9.839	139	135748	18.406	ng	95
27) 2,4-Dimethylphenol	9.898	122	281482	19.915	ng	99
28) bis(2-Chloroethoxy)met...	10.151	93	622772	20.319	ng	100
29) 2,4-Dichlorophenol	10.369	162	358319	19.920	ng	98
30) 1,2,4-Trichlorobenzene	10.586	180	444937	19.537	ng	99
31) Naphthalene	10.775	128	1445117	19.858	ng	99
32) Benzoic acid	10.004	122	133086	19.845	ng	94
33) 4-Chloroaniline	10.892	127	552156	20.255	ng	99
34) Hexachlorobutadiene	11.051	225	260621	19.561	ng	98
35) Caprolactam	11.663	113	118652	19.730	ng	95
36) 4-Chloro-3-methylphenol	12.010	107	405145	20.409	ng	98
37) 2-Methylnaphthalene	12.386	142	1000021	20.208	ng	100
38) 1-Methylnaphthalene	12.610	142	985006	20.250	ng	99
40) 1,2,4,5-Tetrachloroben...	12.751	216	467710	19.025	ng	100
41) Hexachlorocyclopentadiene	12.722	237	133176	17.114	ng	98
43) 2,4,6-Trichlorophenol	12.998	196	264481	19.224	ng	100

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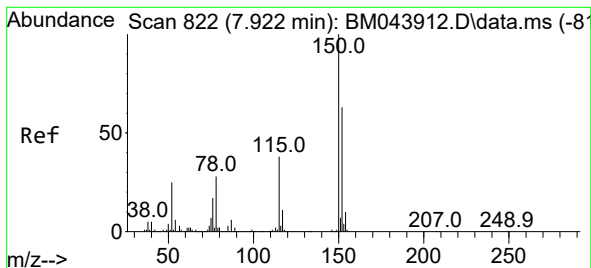
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	309788	19.739	ng	99
46) 1,1'-Biphenyl	13.404	154	1264759	19.491	ng	99
47) 2-Chloronaphthalene	13.439	162	993961	19.420	ng	99
48) 2-Nitroaniline	13.651	65	246243	19.309	ng	98
49) Acenaphthylene	14.286	152	1484098	19.746	ng	99
50) Dimethylphthalate	14.033	163	1169142	20.243	ng	100
51) 2,6-Dinitrotoluene	14.157	165	232078	20.147	ng	98
52) Acenaphthene	14.627	154	937763	19.625	ng	100
53) 3-Nitroaniline	14.480	138	249974	20.287	ng	99
54) 2,4-Dinitrophenol	14.686	184	48159	20.113	ng	97
55) Dibenzofuran	14.963	168	1442245	19.828	ng	99
56) 4-Nitrophenol	14.774	139	184596	18.685	ng	99
57) 2,4-Dinitrotoluene	14.933	165	292996	19.819	ng	91
58) Fluorene	15.616	166	1226117	20.075	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.186	232	252523	19.964	ng	99
60) Diethylphthalate	15.404	149	1235785	20.744	ng	99
61) 4-Chlorophenyl-phenyle...	15.616	204	601431	19.974	ng	100
62) 4-Nitroaniline	15.639	138	260586	20.336	ng	98
63) Azobenzene	15.910	77	1327652	20.448	ng	99
65) 4,6-Dinitro-2-methylph...	15.692	198	76873	19.787	ng	96
66) n-Nitrosodiphenylamine	15.833	169	1015054	20.101	ng	99
67) 4-Bromophenyl-phenylether	16.516	248	355576	19.643	ng	99
68) Hexachlorobenzene	16.610	284	414950	19.686	ng	98
69) Atrazine	16.792	200	285126	21.036	ng	98
70) Pentachlorophenol	16.957	266	199419	20.120	ng	98
71) Phenanthrene	17.357	178	1753361	19.802	ng	99
72) Anthracene	17.451	178	1729861	19.836	ng	99
73) Carbazole	17.727	167	1660823	19.977	ng	99
74) Di-n-butylphthalate	18.310	149	2005670	20.487	ng	100
75) Fluoranthene	19.380	202	1976630	19.689	ng	99
77) Benzidine	19.580	184	272519	16.464	ng	99
78) Pyrene	19.745	202	2072963	20.744	ng	99
80) Butylbenzylphthalate	20.668	149	590954	19.032	ng	99
81) Benzo(a)anthracene	21.498	228	1887409	20.021	ng	100
82) 3,3'-Dichlorobenzidine	21.439	252	518540	18.439	ng	97
83) Chrysene	21.556	228	1782697	19.824	ng	99
84) Bis(2-ethylhexyl)phtha...	21.456	149	1077599	19.352	ng	99
85) Di-n-octyl phthalate	22.409	149	1501757	19.676	ng	99
87) Indeno(1,2,3-cd)pyrene	26.433	276	2118309	19.937	ng	100
88) Benzo(b)fluoranthene	23.197	252	1808358	19.603	ng	98
89) Benzo(k)fluoranthene	23.244	252	1800596	19.765	ng	100
90) Benzo(a)pyrene	23.821	252	1564986	19.641	ng	100
91) Dibenzo(a,h)anthracene	26.462	278	1748720	19.819	ng	98
92) Benzo(g,h,i)perylene	27.203	276	1744381	19.894	ng	99

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

SSTDICC020

Response via : Initial Calibration

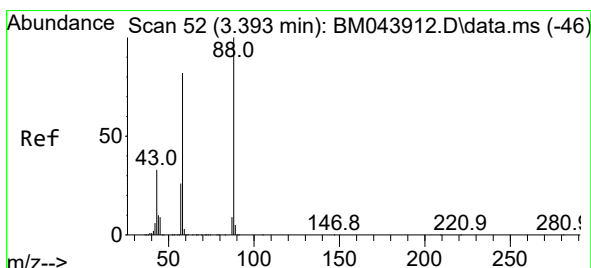
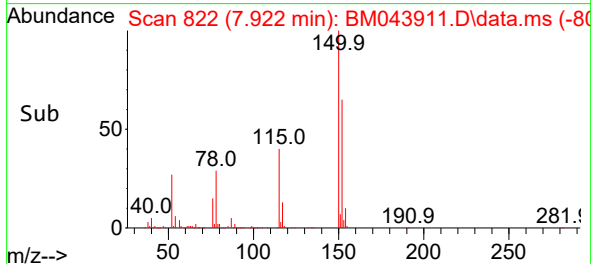
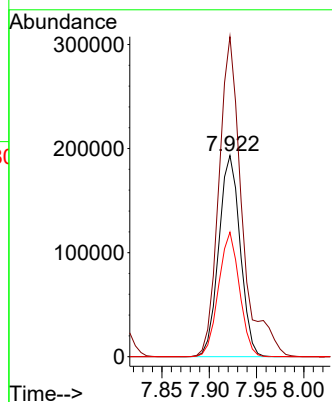
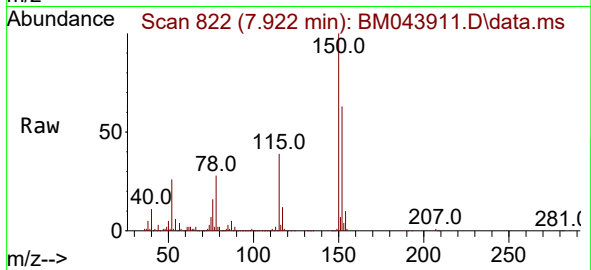




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.922 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BM043911.D
 Acq: 26 Jan 2024 13:04

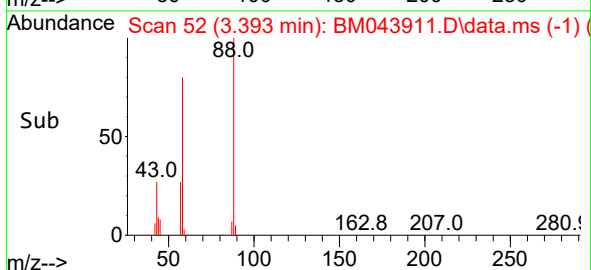
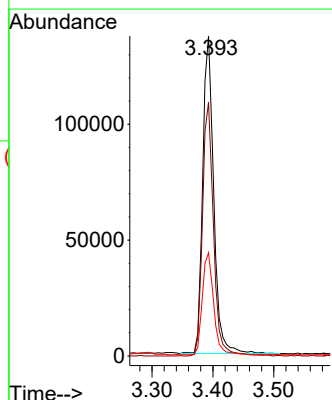
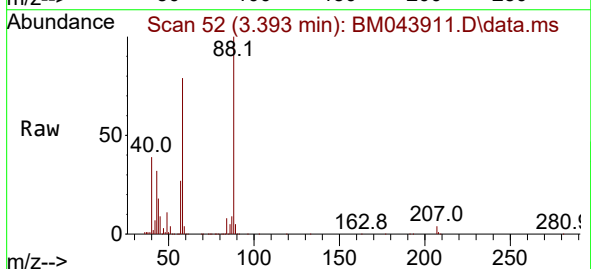
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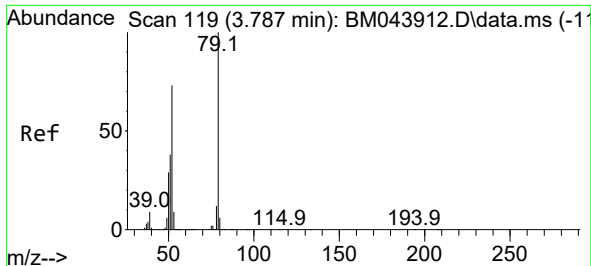
Tgt Ion:152 Resp: 303662
 Ion Ratio Lower Upper
 152 100
 150 159.1 126.7 190.1
 115 61.9 47.5 71.3



#2
 1,4-Dioxane
 Concen: 20.213 ng
 RT: 3.393 min Scan# 52
 Delta R.T. 0.000 min
 Lab File: BM043911.D
 Acq: 26 Jan 2024 13:04

Tgt Ion: 88 Resp: 171931
 Ion Ratio Lower Upper
 88 100
 58 79.8 65.1 97.7
 43 32.7 26.4 39.6

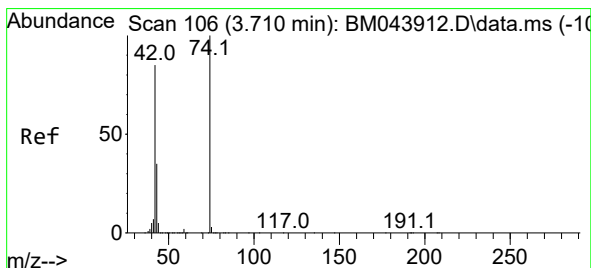
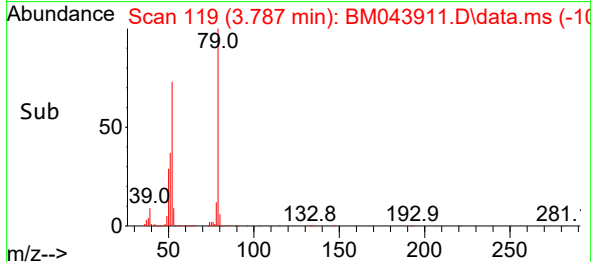
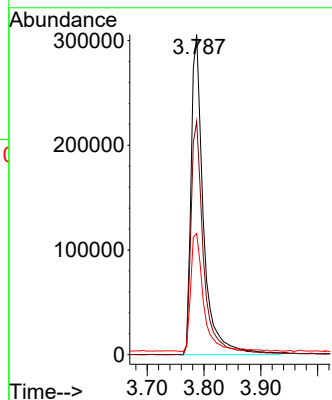
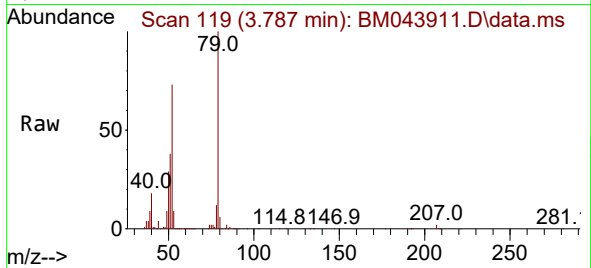




#3
 Pyridine
 Concen: 20.079 ng
 RT: 3.787 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: BM043911.D
 Acq: 26 Jan 2024 13:04

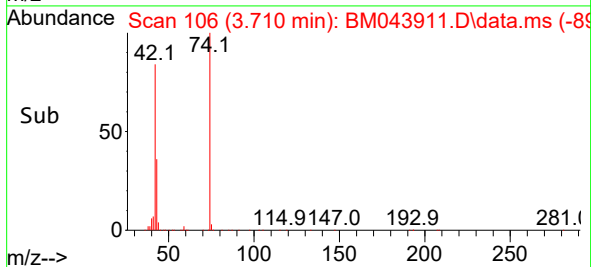
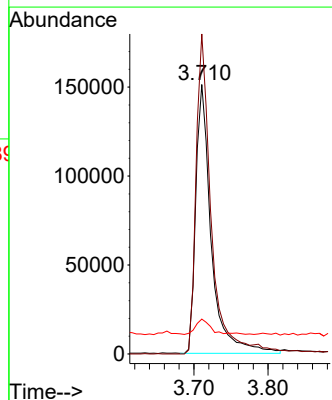
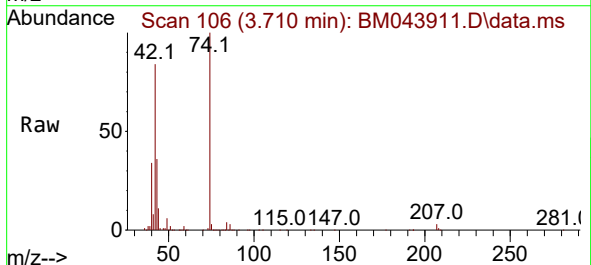
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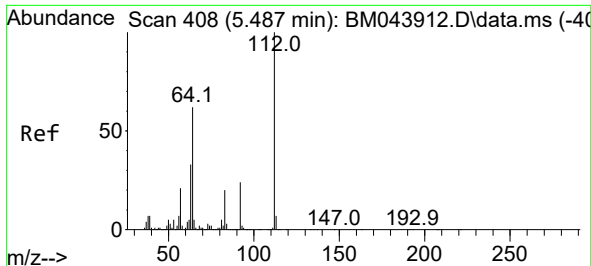
Tgt Ion: 79 Resp: 465944
 Ion Ratio Lower Upper
 79 100
 52 72.9 58.5 87.7
 51 37.8 30.6 46.0



#4
 n-Nitrosodimethylamine
 Concen: 20.211 ng
 RT: 3.710 min Scan# 106
 Delta R.T. 0.000 min
 Lab File: BM043911.D
 Acq: 26 Jan 2024 13:04

Tgt Ion: 42 Resp: 219694
 Ion Ratio Lower Upper
 42 100
 74 118.8 94.2 141.4
 44 12.9 7.5 11.3

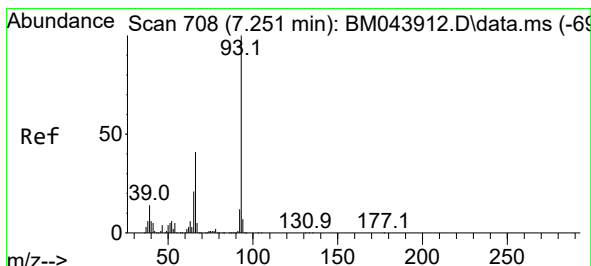
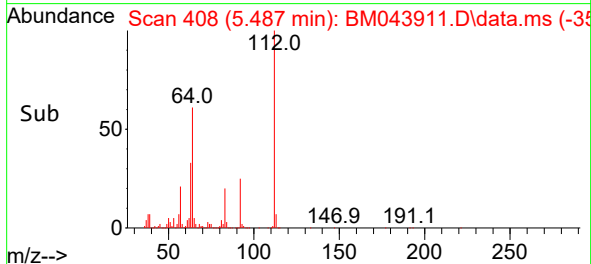
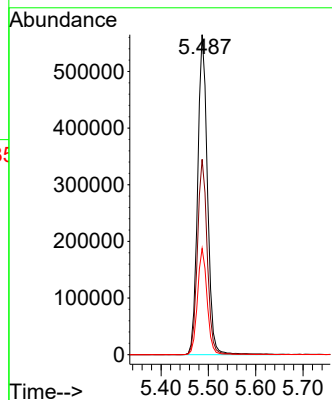
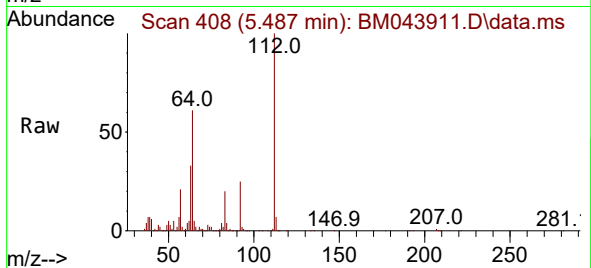




#5
2-Fluorophenol
Concen: 40.474 ng
RT: 5.487 min Scan# 408
Delta R.T. 0.000 min
Lab File: BM043911.D
Acq: 26 Jan 2024 13:04

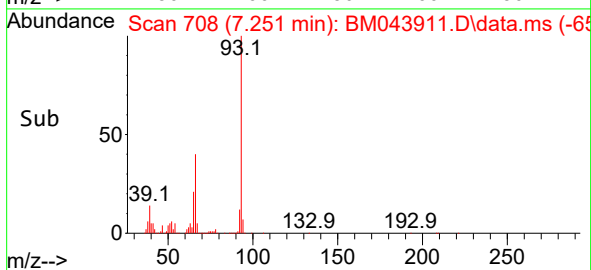
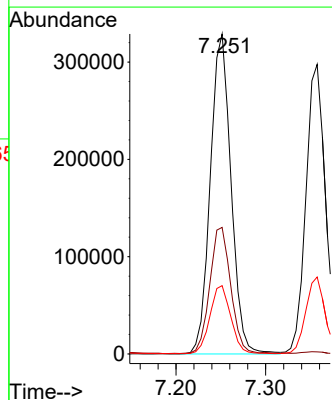
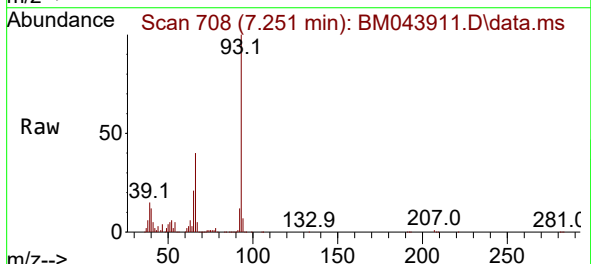
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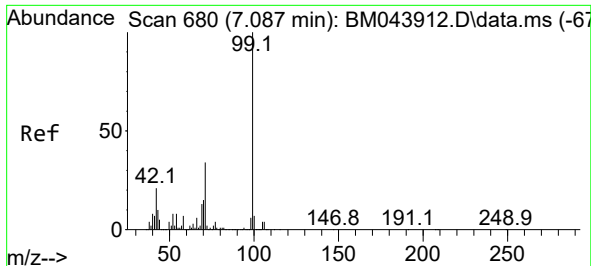
Tgt Ion:112 Resp: 810515
Ion Ratio Lower Upper
112 100
64 61.0 49.4 74.2
63 33.2 26.3 39.5



#6
Aniline
Concen: 20.197 ng
RT: 7.251 min Scan# 708
Delta R.T. 0.000 min
Lab File: BM043911.D
Acq: 26 Jan 2024 13:04

Tgt Ion: 93 Resp: 527671
Ion Ratio Lower Upper
93 100
66 39.6 33.0 49.4
65 21.4 16.8 25.2

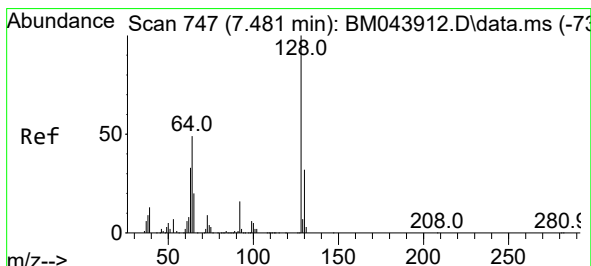
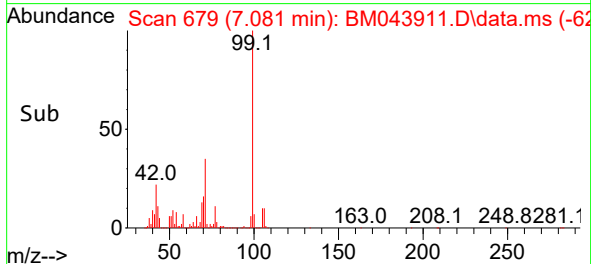
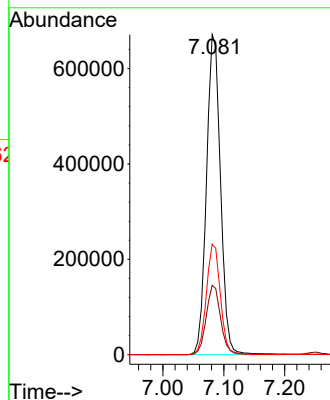
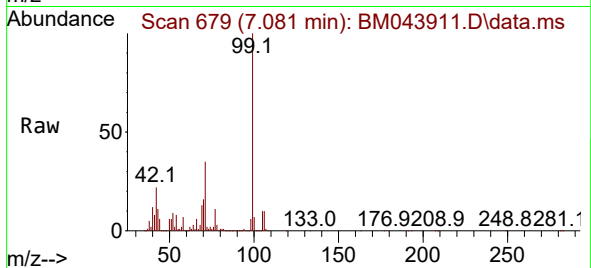




#7
Phenol-d6
Concen: 40.064 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM043911.D
Acq: 26 Jan 2024 13:04

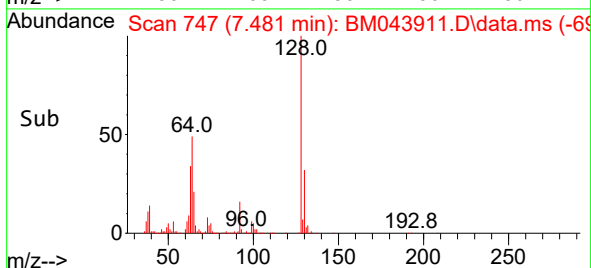
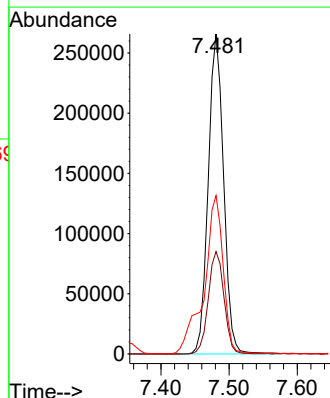
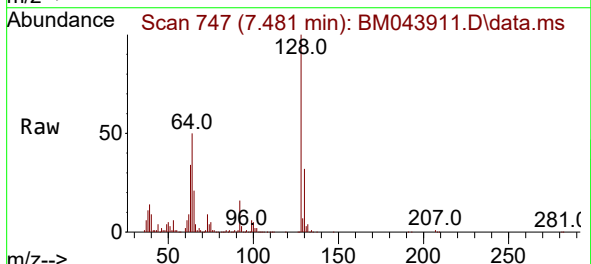
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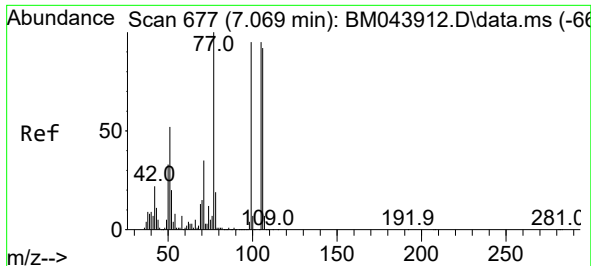
Tgt Ion: 99 Resp: 1075090
Ion Ratio Lower Upper
99 100
42 21.7 16.5 24.7
71 34.5 27.0 40.4



#8
2-Chlorophenol
Concen: 20.024 ng
RT: 7.481 min Scan# 747
Delta R.T. 0.000 min
Lab File: BM043911.D
Acq: 26 Jan 2024 13:04

Tgt Ion: 128 Resp: 417205
Ion Ratio Lower Upper
128 100
130 32.0 12.1 52.1
64 49.5 30.3 70.3

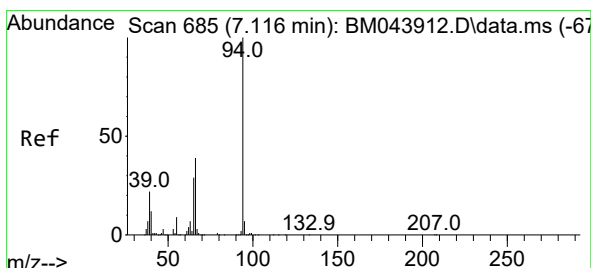
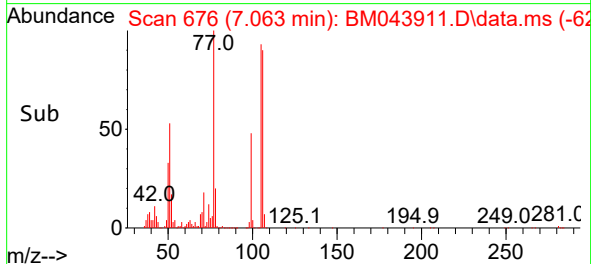
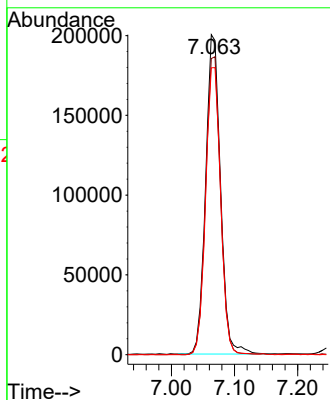
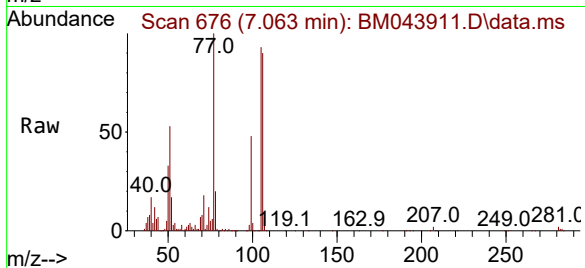




#9
Benzaldehyde
Concen: 22.175 ng
RT: 7.063 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM043911.D
Acq: 26 Jan 2024 13:04

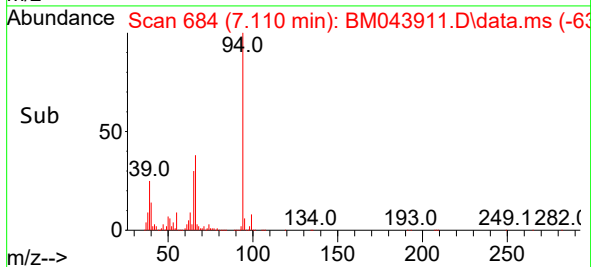
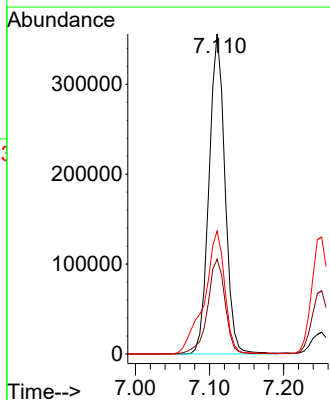
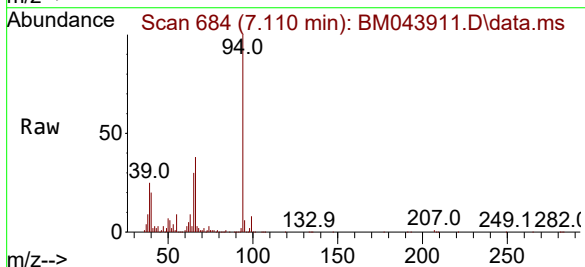
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BNA_M
ClientSampleId :
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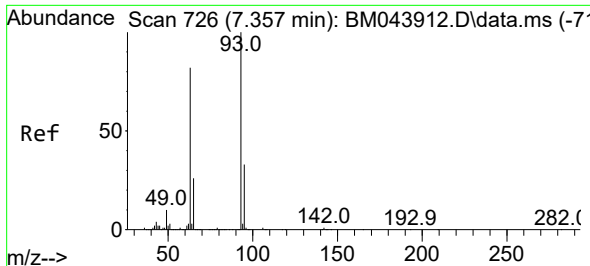
Tgt Ion: 77 Resp: 328487
Ion Ratio Lower Upper
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105 92.6 74.7 114.7
106 89.6 72.3 112.3



#10
Phenol
Concen: 20.153 ng
RT: 7.110 min Scan# 684
Delta R.T. -0.006 min
Lab File: BM043911.D
Acq: 26 Jan 2024 13:04

Tgt Ion: 94 Resp: 532175
Ion Ratio Lower Upper
94 100
65 29.6 9.4 49.4
66 38.4 18.9 58.9

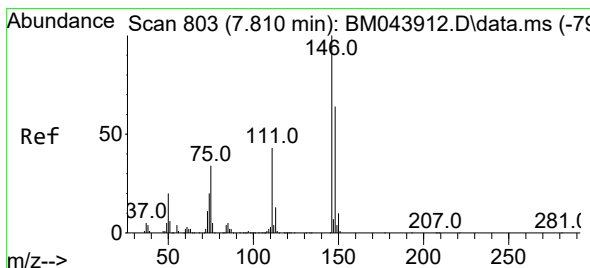
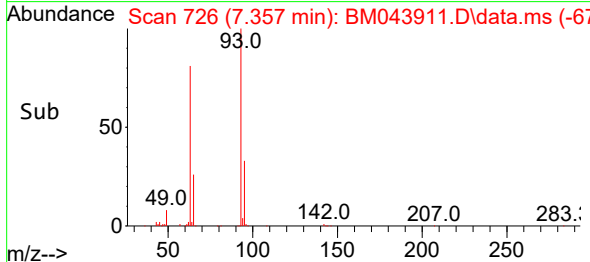
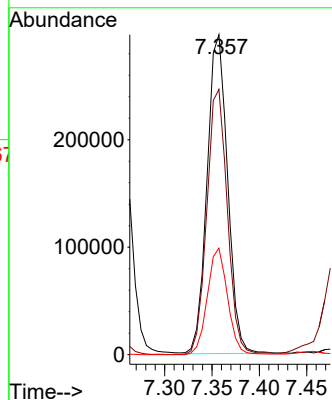
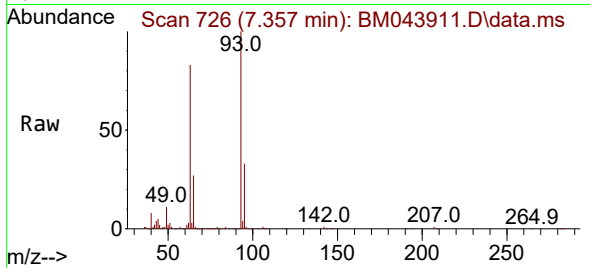




#11
bis(2-Chloroethyl)ether
Concen: 19.945 ng
RT: 7.357 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM043911.D
Acq: 26 Jan 2024 13:04

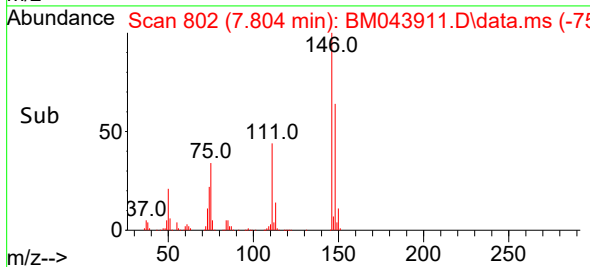
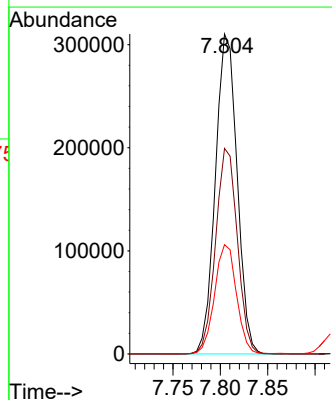
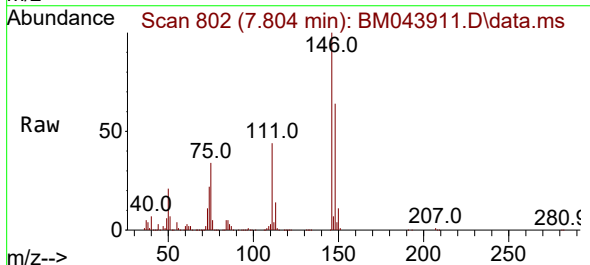
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

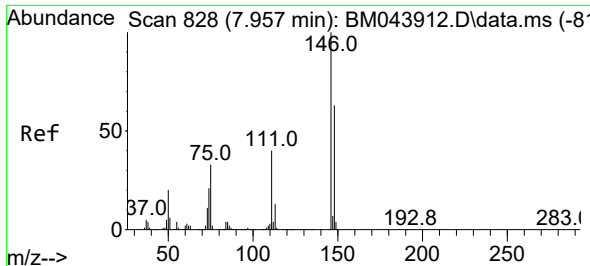
Tgt Ion: 93 Resp: 446516
Ion Ratio Lower Upper
93 100
63 82.9 62.0 102.0
95 33.3 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 20.103 ng
RT: 7.804 min Scan# 802
Delta R.T. -0.006 min
Lab File: BM043911.D
Acq: 26 Jan 2024 13:04

Tgt Ion: 146 Resp: 495598
Ion Ratio Lower Upper
146 100
148 64.3 51.6 77.4
75 34.1 26.9 40.3

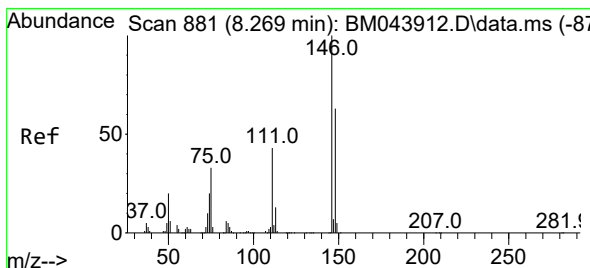
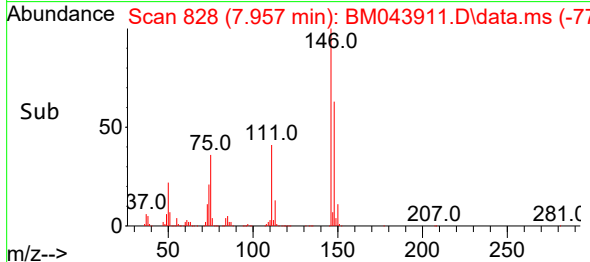
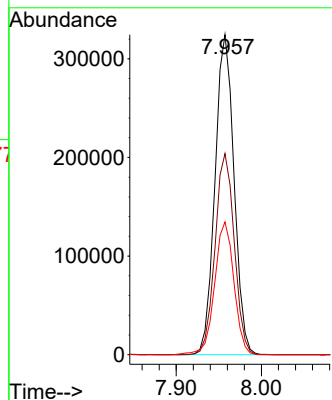
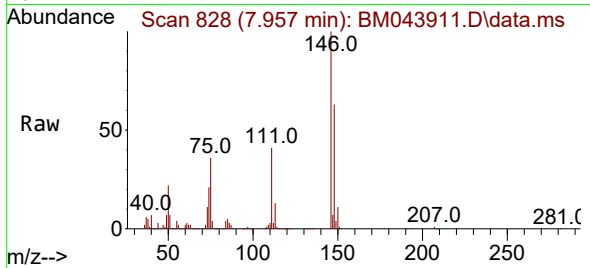




#13
1,4-Dichlorobenzene
Concen: 20.156 ng
RT: 7.957 min Scan# 811
Delta R.T. 0.000 min
Lab File: BM043911.D
Acq: 26 Jan 2024 13:04

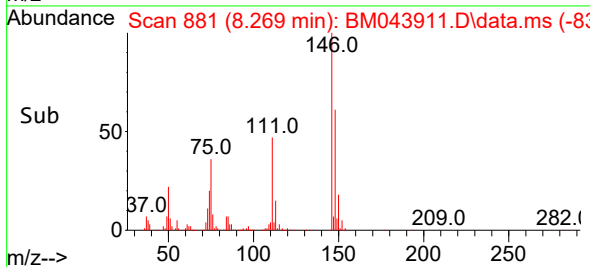
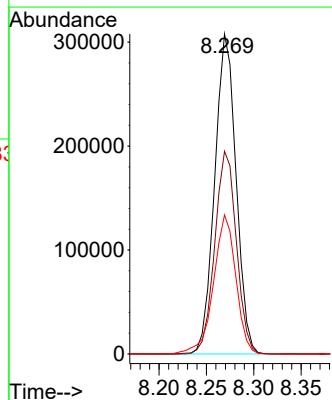
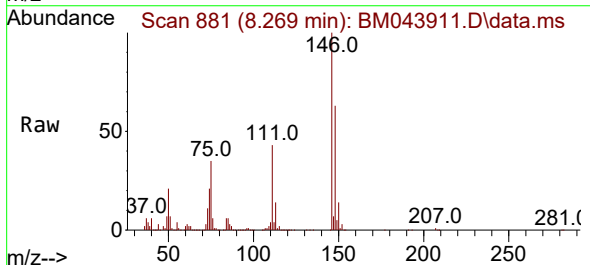
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

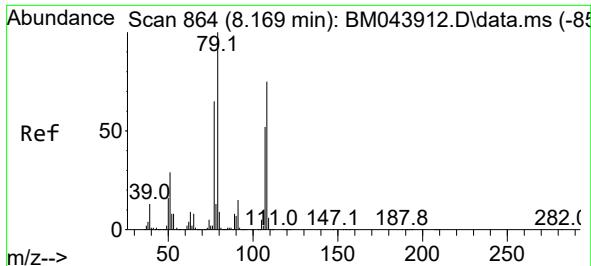
Tgt Ion:146 Resp: 502837
Ion Ratio Lower Upper
146 100
148 62.9 50.1 75.1
111 41.5 32.4 48.6



#14
1,2-Dichlorobenzene
Concen: 20.170 ng
RT: 8.269 min Scan# 881
Delta R.T. 0.000 min
Lab File: BM043911.D
Acq: 26 Jan 2024 13:04

Tgt Ion:146 Resp: 483360
Ion Ratio Lower Upper
146 100
148 63.4 50.7 76.1
111 43.5 34.7 52.1

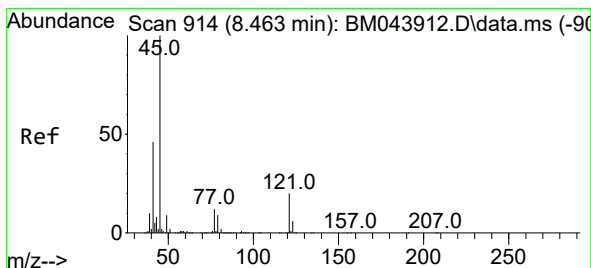
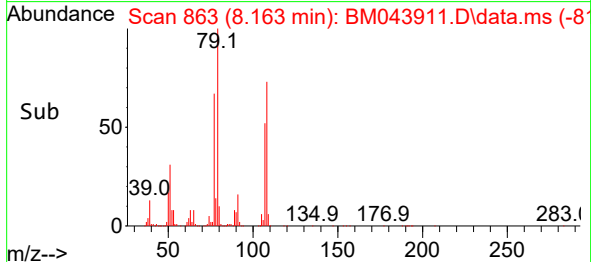
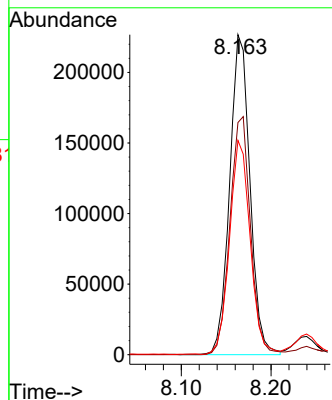
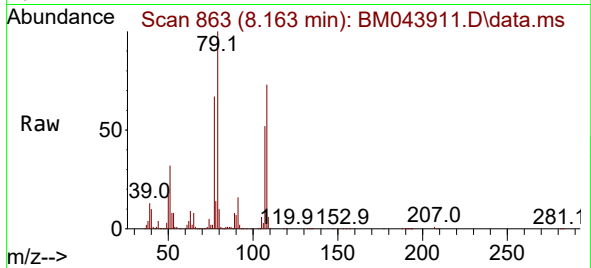




#15
Benzyl Alcohol
Concen: 20.234 ng
RT: 8.163 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM043911.D
Acq: 26 Jan 2024 13:04

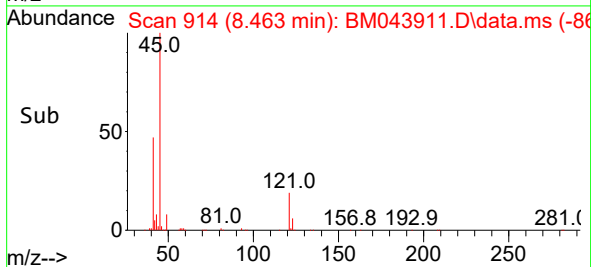
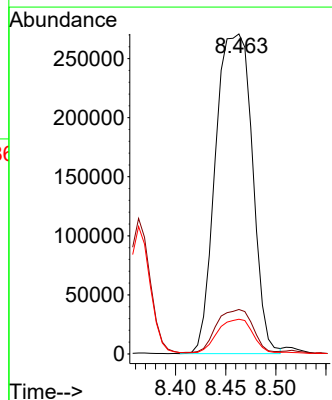
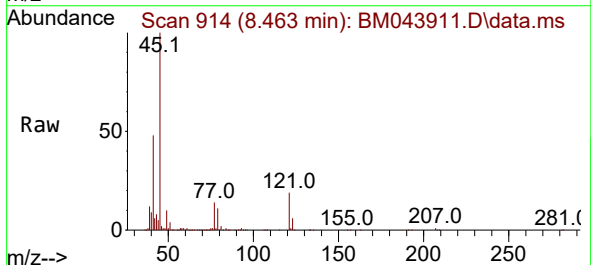
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

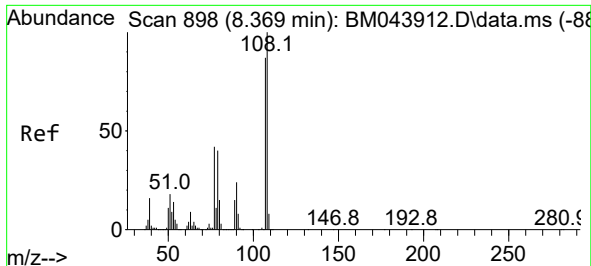
Tgt Ion: 79 Resp: 356222
Ion Ratio Lower Upper
79 100
108 72.6 60.3 90.5
77 66.9 52.2 78.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.603 ng
RT: 8.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BM043911.D
Acq: 26 Jan 2024 13:04

Tgt Ion: 45 Resp: 687978
Ion Ratio Lower Upper
45 100
77 13.9 0.0 33.2
79 10.9 0.0 30.1

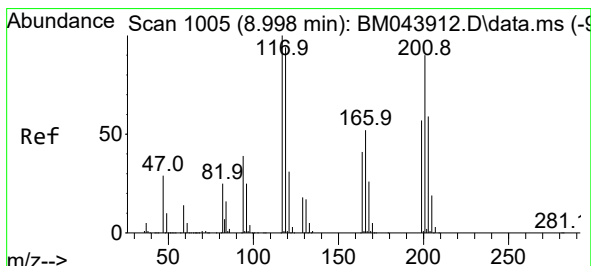
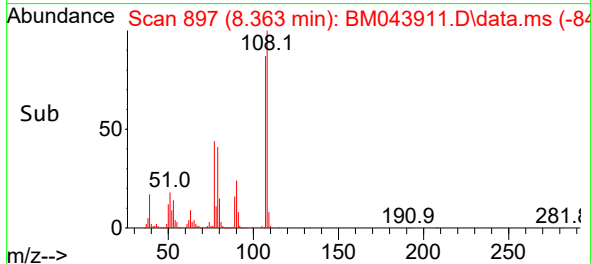
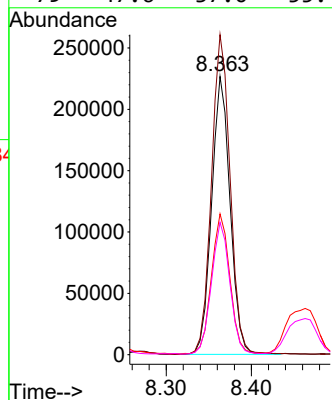
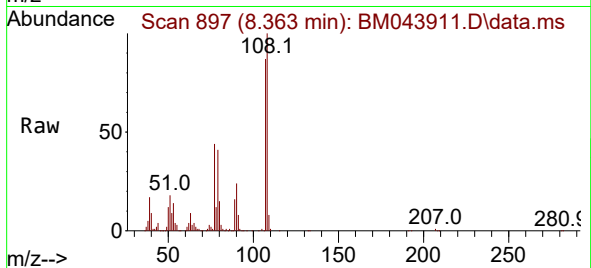




#17
2-Methylphenol
Concen: 20.260 ng
RT: 8.363 min Scan# 898
Delta R.T. -0.006 min
Lab File: BM043911.D
Acq: 26 Jan 2024 13:04

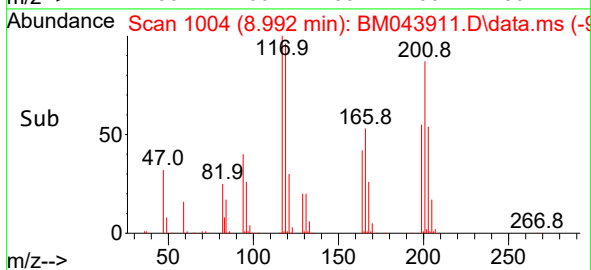
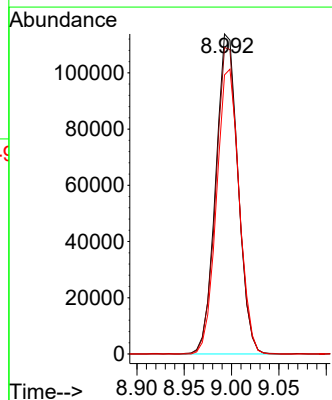
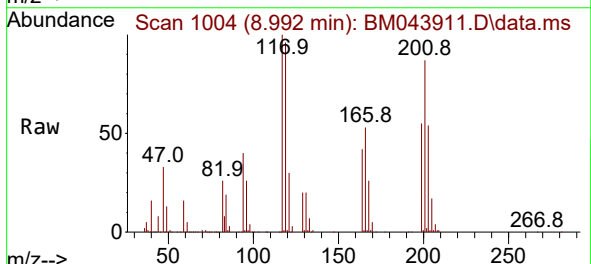
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

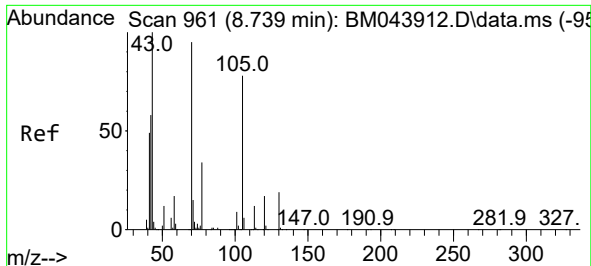
Tgt Ion:	107	Resp:	341805
Ion Ratio	Lower	Upper	
107	100		
108	115.0	91.7	137.5
77	50.6	38.6	57.8
79	47.6	37.0	55.4



#18
Hexachloroethane
Concen: 19.950 ng
RT: 8.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BM043911.D
Acq: 26 Jan 2024 13:04

Tgt Ion:	117	Resp:	187150
Ion Ratio	Lower	Upper	
117	100		
119	95.8	75.1	112.7
201	87.2	72.2	108.4

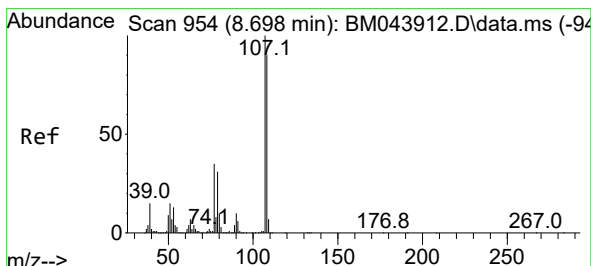
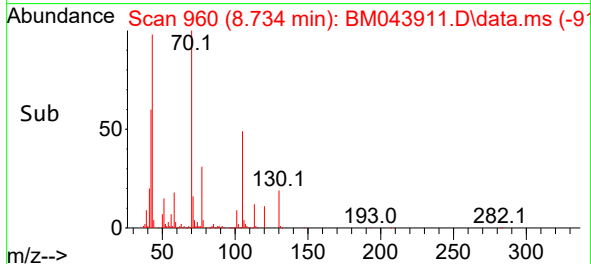
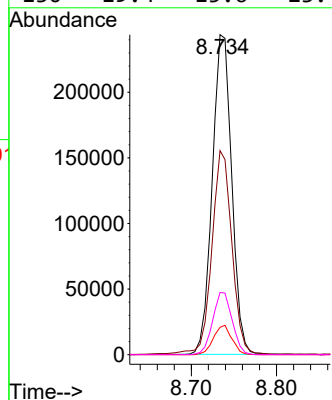
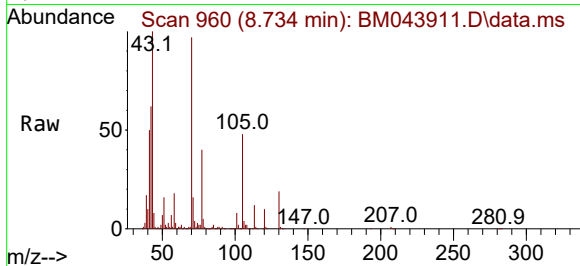




#19
n-Nitroso-di-n-propylamine
Concen: 21.457 ng
RT: 8.734 min Scan# 961
Delta R.T. -0.006 min
Lab File: BM043911.D
Acq: 26 Jan 2024 13:04

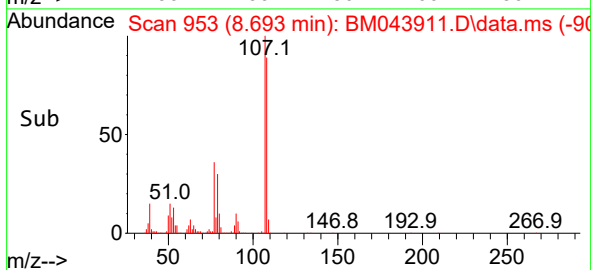
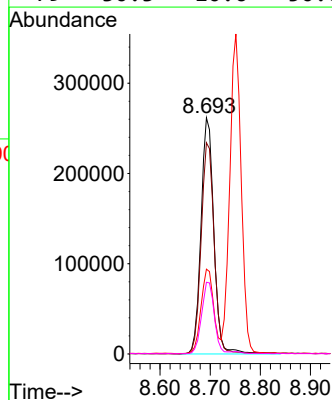
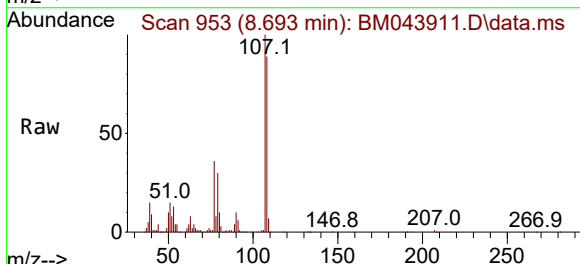
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

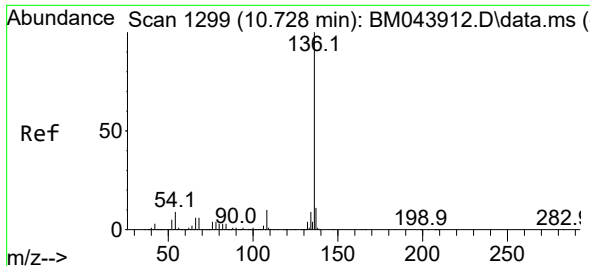
Tgt Ion: 70 Resp: 386845
Ion Ratio Lower Upper
70 100
42 63.8 49.2 73.8
101 8.6 7.3 10.9
130 19.4 15.6 23.4



#20
3+4-Methylphenols
Concen: 20.578 ng
RT: 8.693 min Scan# 953
Delta R.T. -0.006 min
Lab File: BM043911.D
Acq: 26 Jan 2024 13:04

Tgt Ion: 107 Resp: 468371
Ion Ratio Lower Upper
107 100
108 89.4 70.5 110.5
77 35.9 14.8 54.8
79 30.3 10.6 50.6

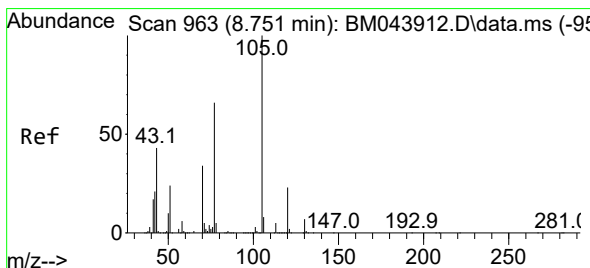
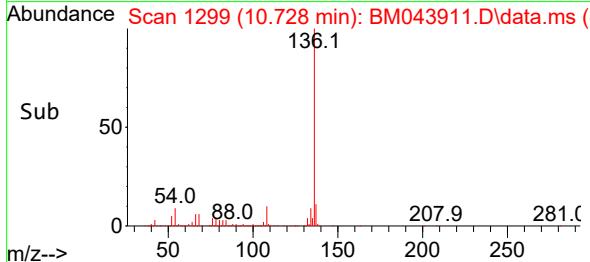
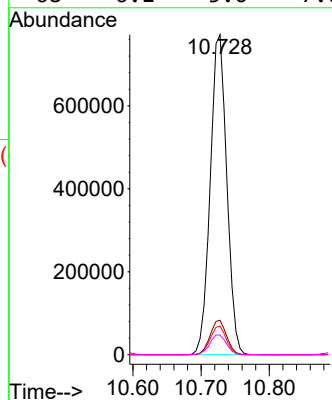
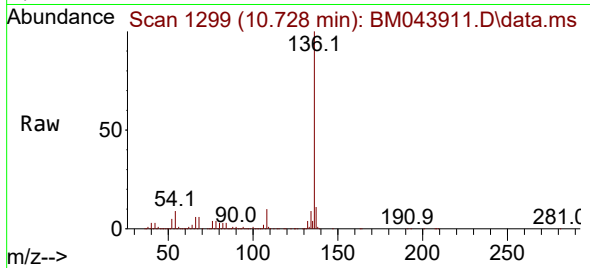




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BM043911.D
Acq: 26 Jan 2024 13:04

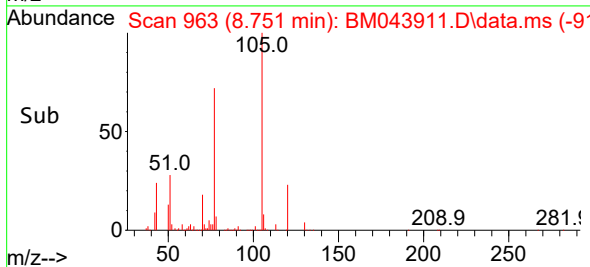
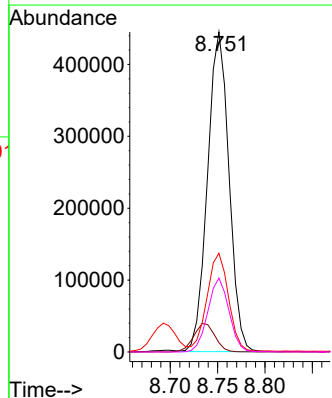
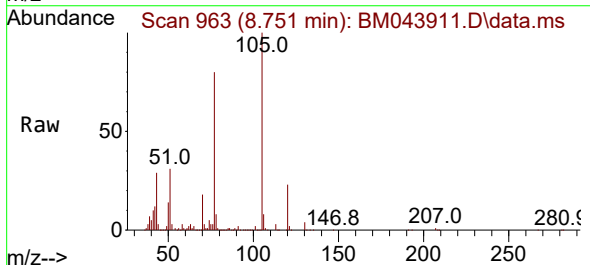
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

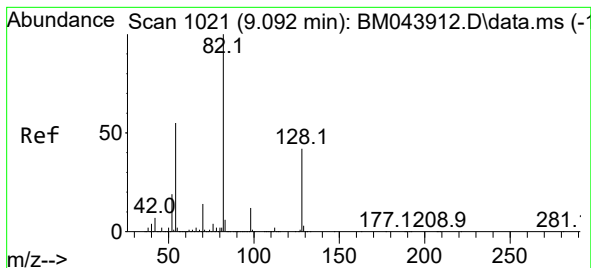
Tgt Ion:136 Resp: 1303447
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 8.9 7.0 10.4
68 6.1 5.0 7.6



#22
Acetophenone
Concen: 20.101 ng
RT: 8.751 min Scan# 963
Delta R.T. 0.000 min
Lab File: BM043911.D
Acq: 26 Jan 2024 13:04

Tgt Ion:105 Resp: 702029
Ion Ratio Lower Upper
105 100
71 2.9 4.5 6.7#
51 30.8 24.0 36.0
120 23.1 18.6 27.8

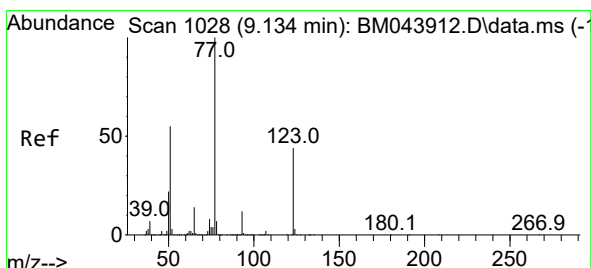
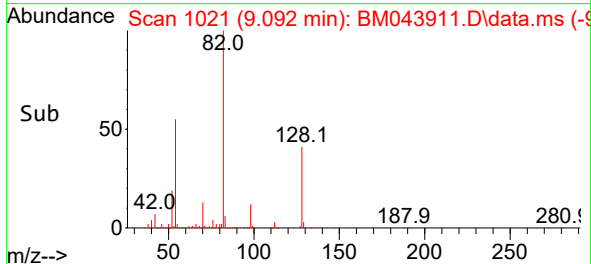
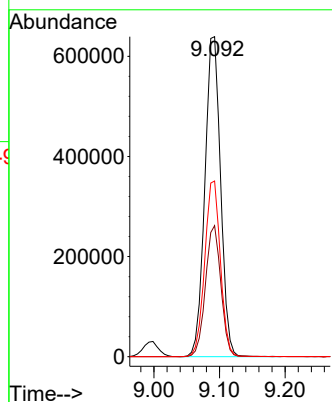
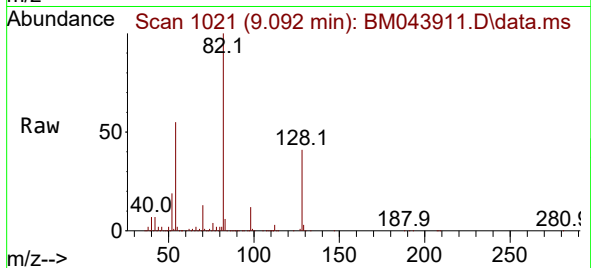




#23
Nitrobenzene-d5
Concen: 39.889 ng
RT: 9.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BM043911.D
Acq: 26 Jan 2024 13:04

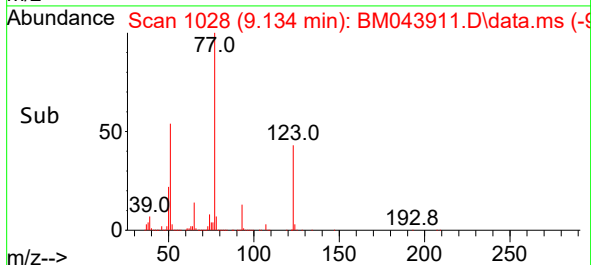
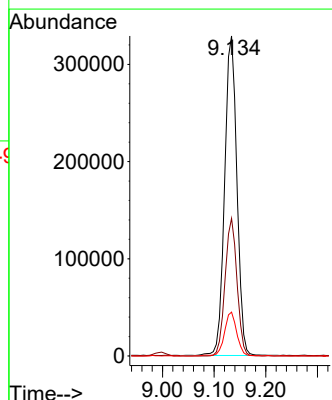
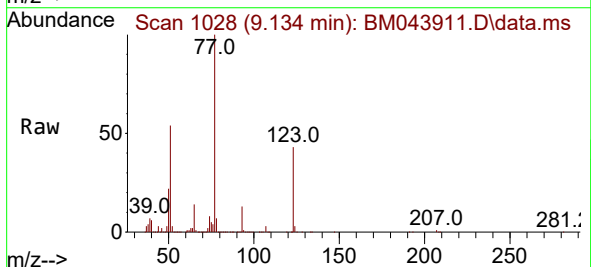
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

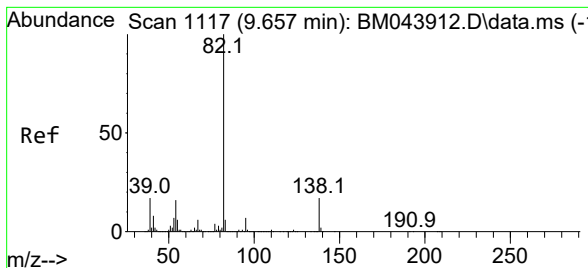
Tgt Ion: 82 Resp: 1068328
Ion Ratio Lower Upper
82 100
128 40.9 33.2 49.8
54 54.9 44.2 66.2



#24
Nitrobenzene
Concen: 20.040 ng
RT: 9.134 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BM043911.D
Acq: 26 Jan 2024 13:04

Tgt Ion: 77 Resp: 541790
Ion Ratio Lower Upper
77 100
123 43.0 34.8 52.2
65 13.7 11.0 16.6





#25

Isophorone

Concen: 20.475 ng

RT: 9.657 min Scan# 1117

Delta R.T. 0.000 min

Lab File: BM043911.D

Acq: 26 Jan 2024 13:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

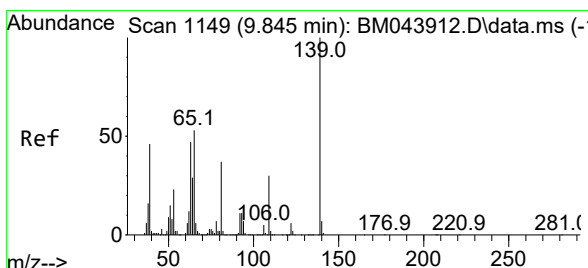
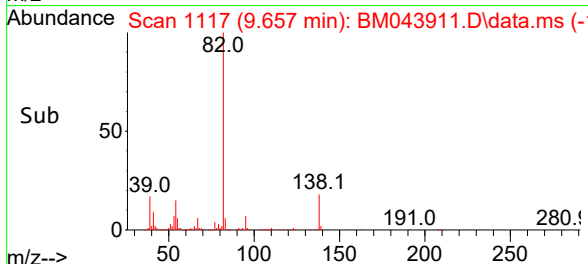
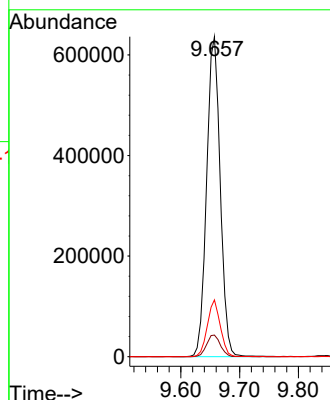
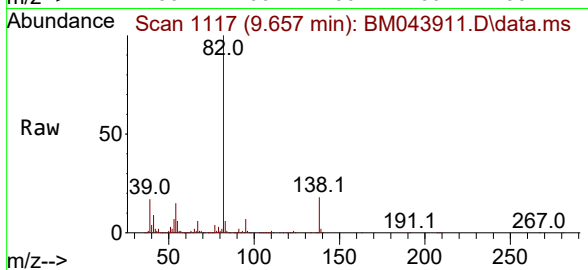
Tgt Ion: 82 Resp: 1020834

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 17.7 13.5 20.3



#26

2-Nitrophenol

Concen: 18.406 ng

RT: 9.839 min Scan# 1148

Delta R.T. -0.006 min

Lab File: BM043911.D

Acq: 26 Jan 2024 13:04

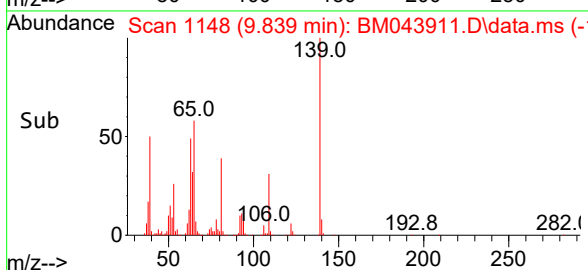
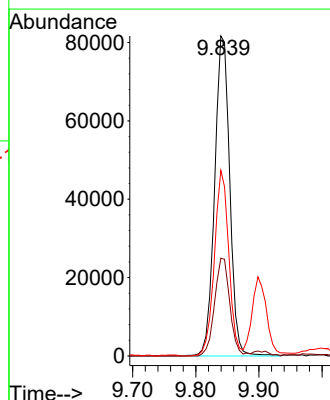
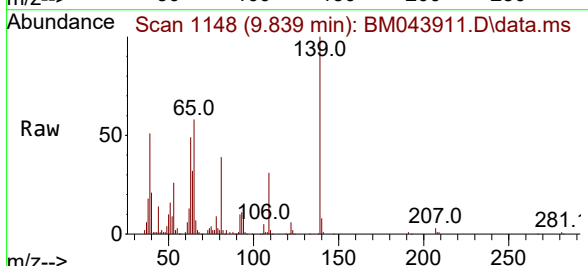
Tgt Ion: 139 Resp: 135748

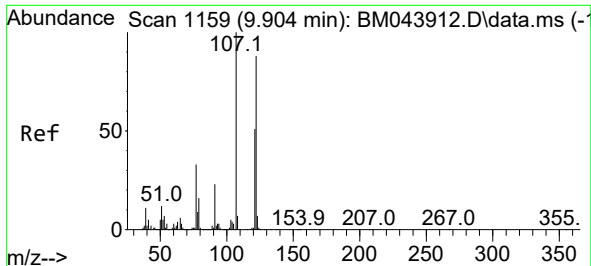
Ion Ratio Lower Upper

139 100

109 30.6 23.8 35.6

65 58.0 42.8 64.2





#27

2,4-Dimethylphenol

Concen: 19.915 ng

RT: 9.898 min Scan# 1158

Delta R.T. -0.006 min

Lab File: BM043911.D

Acq: 26 Jan 2024 13:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

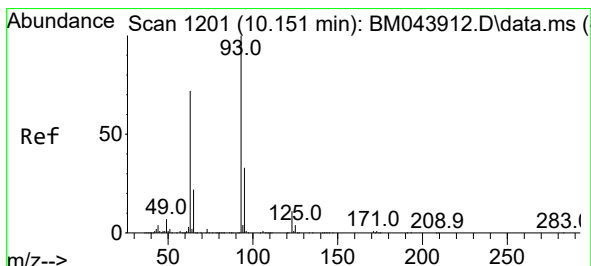
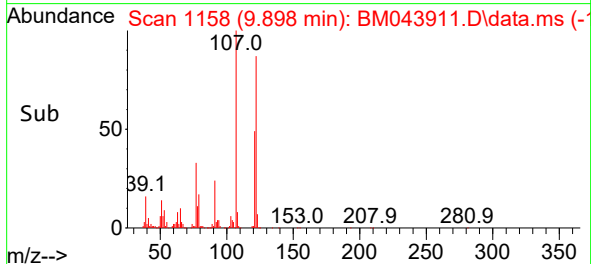
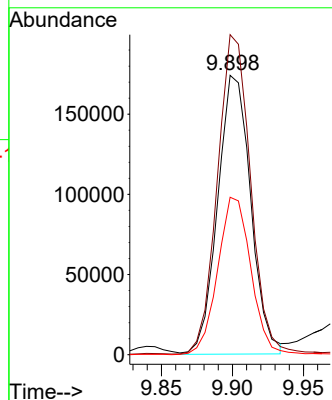
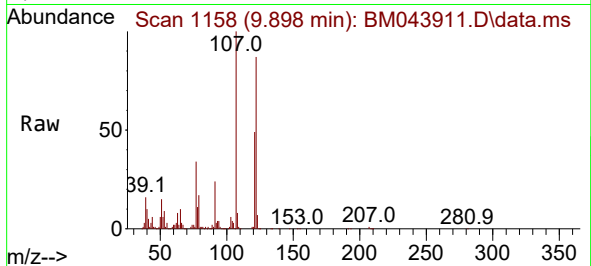
Tgt Ion:122 Resp: 281482

Ion Ratio Lower Upper

122 100

107 114.5 90.6 135.8

121 56.3 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 20.319 ng

RT: 10.151 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BM043911.D

Acq: 26 Jan 2024 13:04

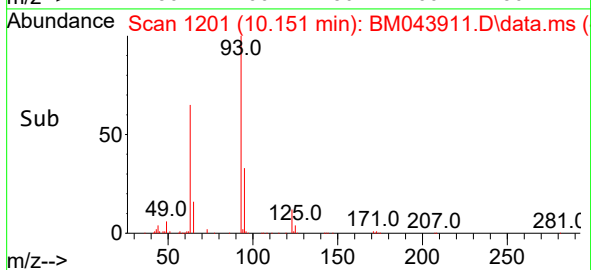
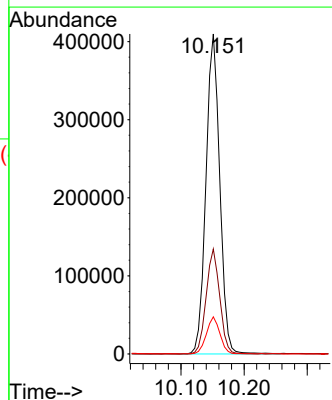
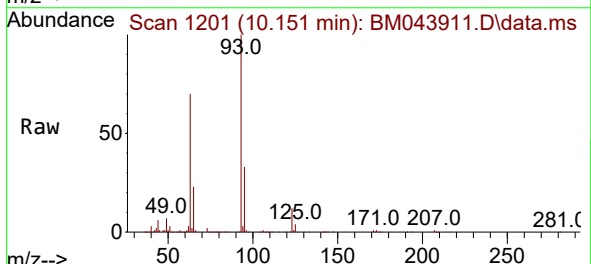
Tgt Ion: 93 Resp: 622772

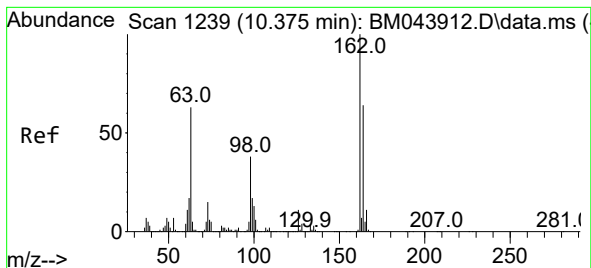
Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.2

123 11.6 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 19.920 ng

RT: 10.369 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BM043911.D

Acq: 26 Jan 2024 13:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

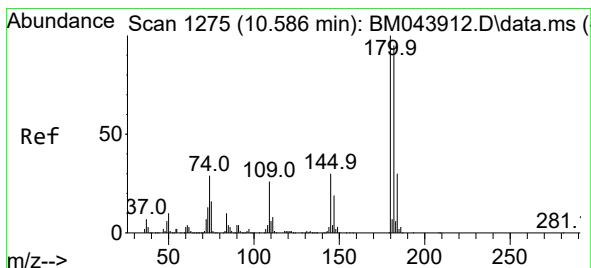
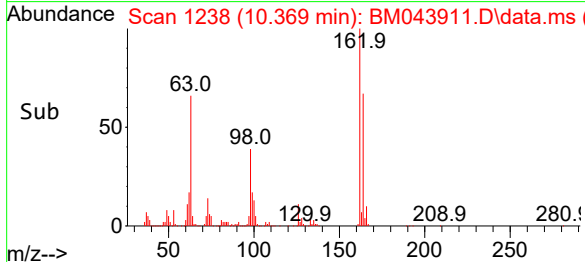
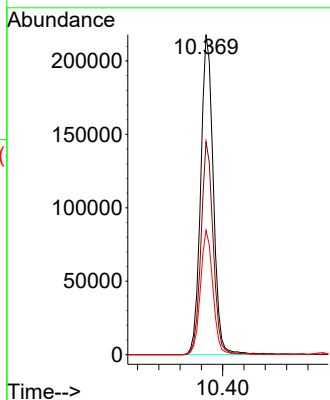
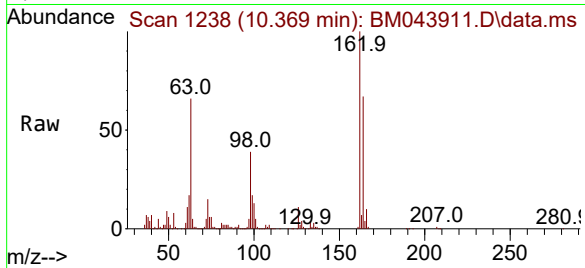
Tgt Ion:162 Resp: 358319

Ion Ratio Lower Upper

162 100

164 66.5 44.2 84.2

98 38.9 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 19.537 ng

RT: 10.586 min Scan# 1275

Delta R.T. 0.000 min

Lab File: BM043911.D

Acq: 26 Jan 2024 13:04

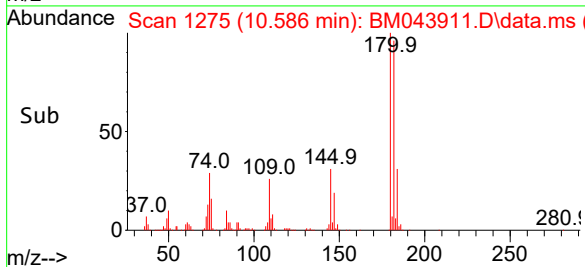
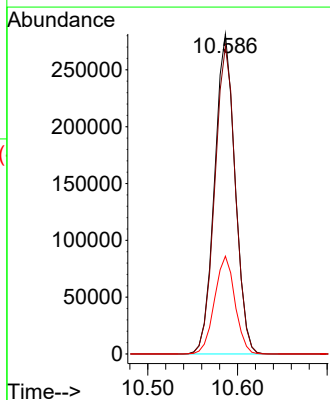
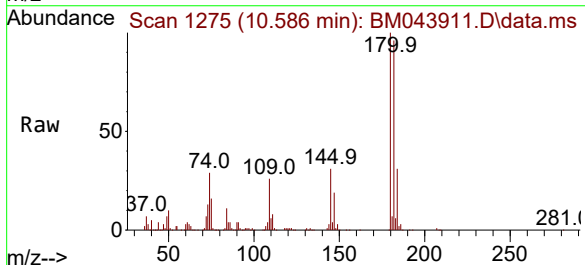
Tgt Ion:180 Resp: 444937

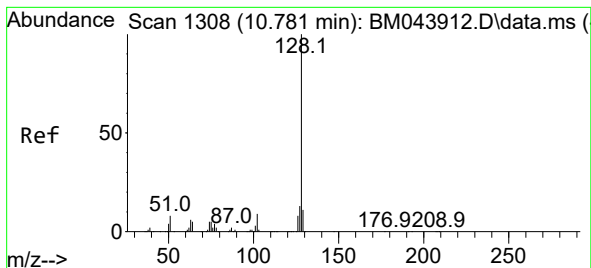
Ion Ratio Lower Upper

180 100

182 96.1 75.9 113.9

145 30.5 24.1 36.1





#31

Naphthalene

Concen: 19.858 ng

RT: 10.775 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BM043911.D

Acq: 26 Jan 2024 13:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

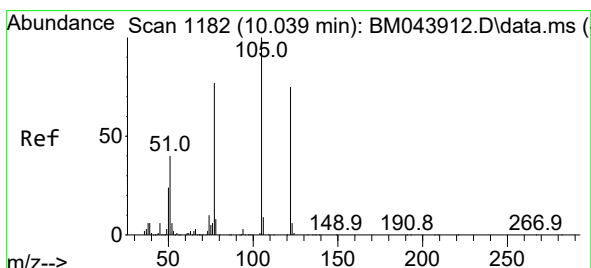
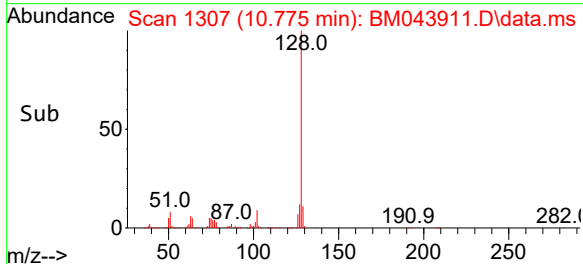
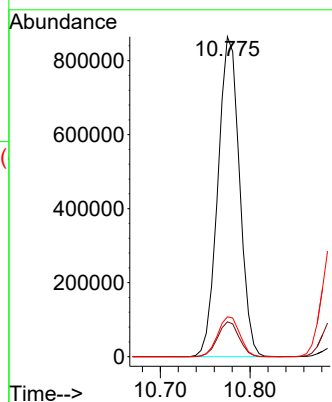
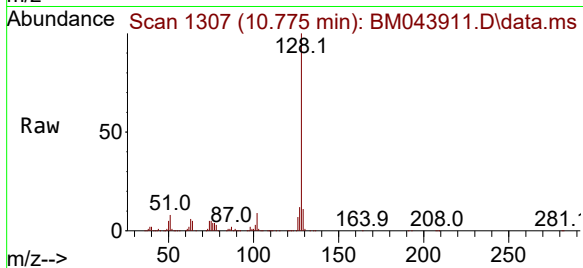
Tgt Ion:128 Resp: 1445117

Ion Ratio Lower Upper

128 100

129 10.9 8.6 13.0

127 12.4 10.2 15.4



#32

Benzoic acid

Concen: 19.845 ng

RT: 10.004 min Scan# 1176

Delta R.T. -0.035 min

Lab File: BM043911.D

Acq: 26 Jan 2024 13:04

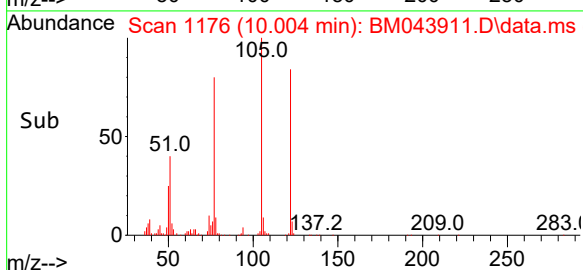
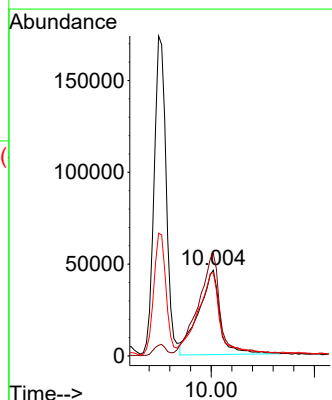
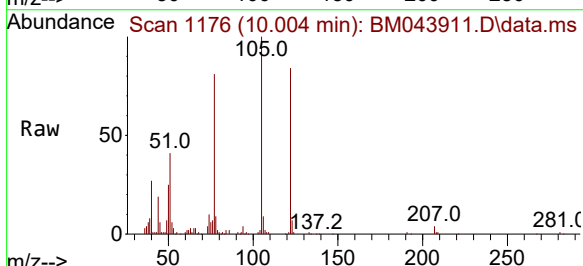
Tgt Ion:122 Resp: 133086

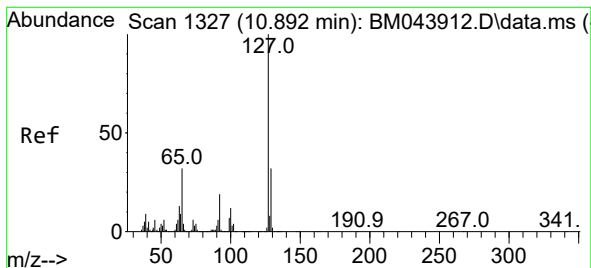
Ion Ratio Lower Upper

122 100

105 119.4 108.2 148.2

77 97.0 80.8 120.8

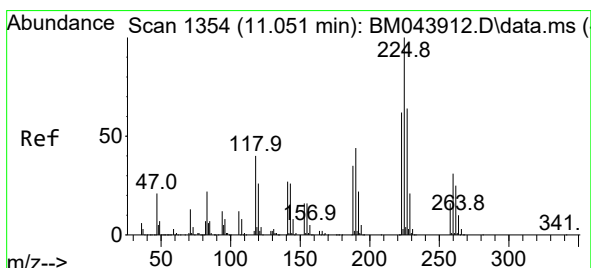
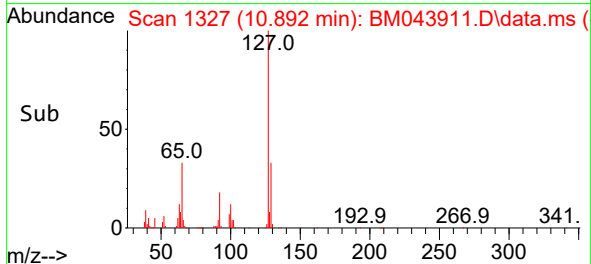
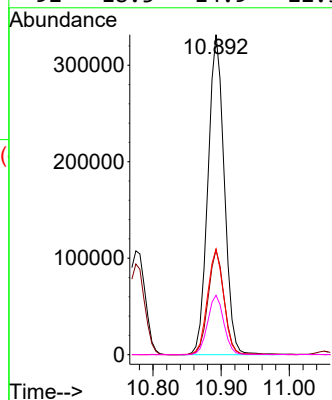
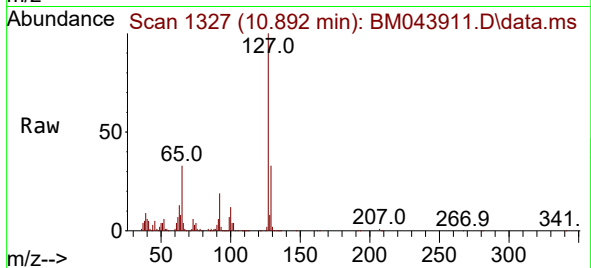




#33
4-Chloroaniline
Concen: 20.255 ng
RT: 10.892 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM043911.D
Acq: 26 Jan 2024 13:04

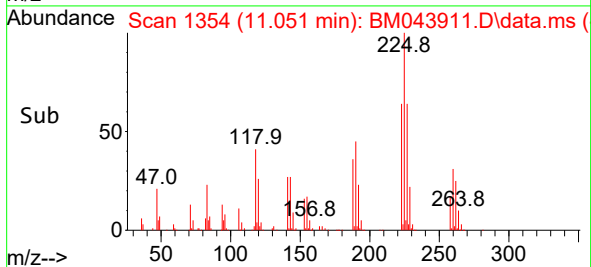
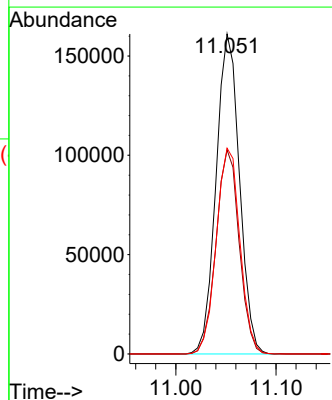
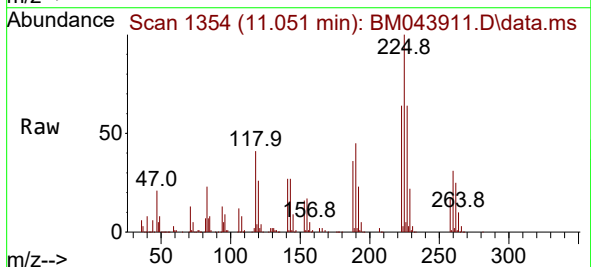
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

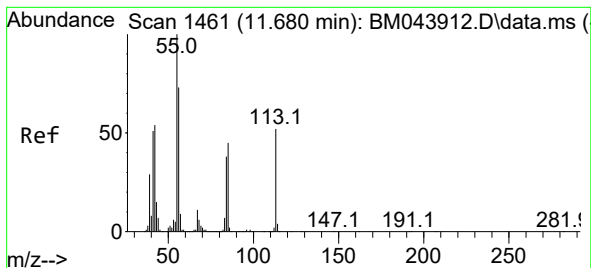
Tgt Ion:	127	Resp:	552156
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.4	38.0
65	33.0	25.8	38.8
92	18.5	14.9	22.3



#34
Hexachlorobutadiene
Concen: 19.561 ng
RT: 11.051 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BM043911.D
Acq: 26 Jan 2024 13:04

Tgt Ion:	225	Resp:	260621
Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.2	73.8
227	64.3	51.0	76.6





#35

Caprolactam

Concen: 19.730 ng

RT: 11.663 min Scan# 1458

Delta R.T. -0.017 min

Lab File: BM043911.D

Acq: 26 Jan 2024 13:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

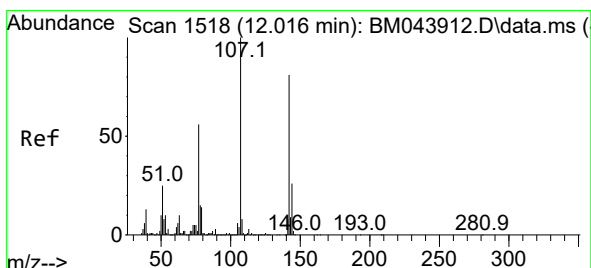
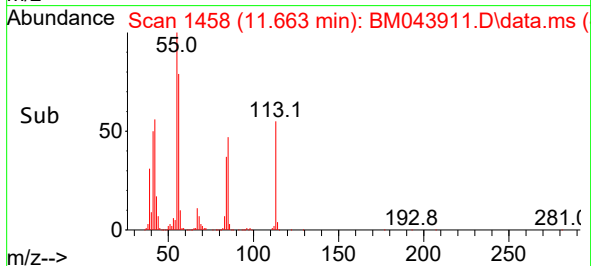
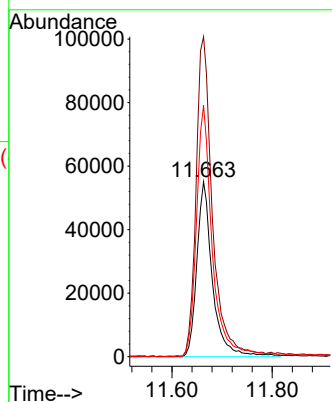
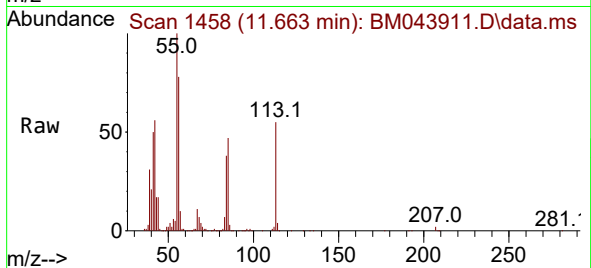
Tgt Ion:113 Resp: 118652

Ion Ratio Lower Upper

113 100

55 183.0 174.0 214.0

56 143.6 121.8 161.8



#36

4-Chloro-3-methylphenol

Concen: 20.409 ng

RT: 12.010 min Scan# 1517

Delta R.T. -0.006 min

Lab File: BM043911.D

Acq: 26 Jan 2024 13:04

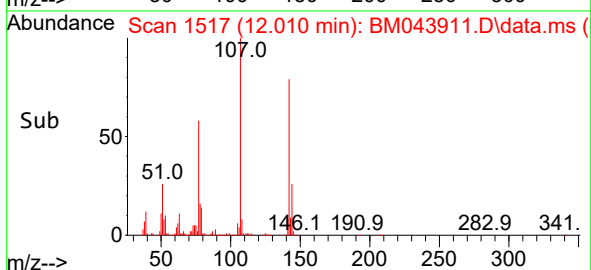
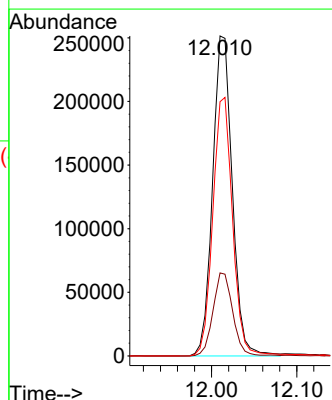
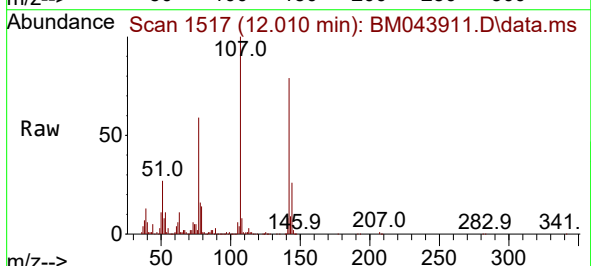
Tgt Ion:107 Resp: 405145

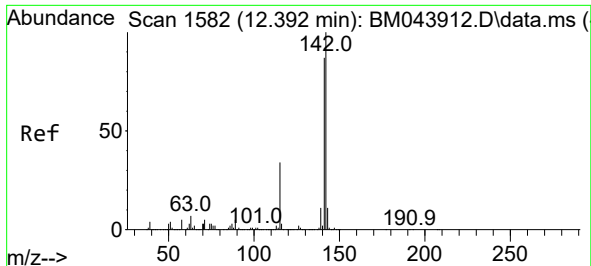
Ion Ratio Lower Upper

107 100

144 26.0 20.7 31.1

142 79.5 65.0 97.6





#37

2-Methylnaphthalene

Concen: 20.208 ng

RT: 12.386 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM043911.D

Acq: 26 Jan 2024 13:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

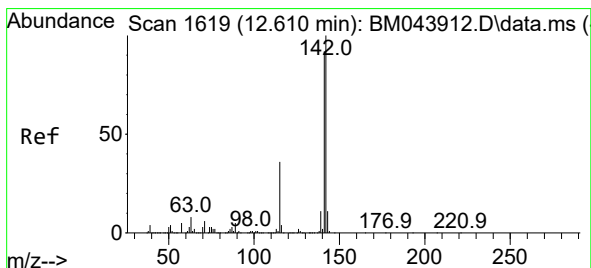
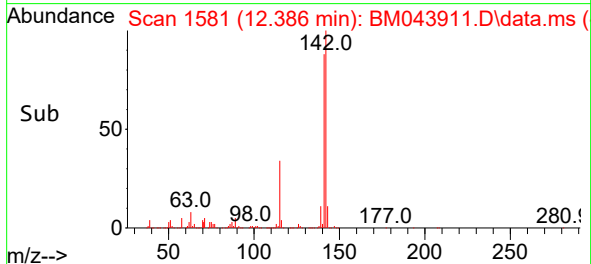
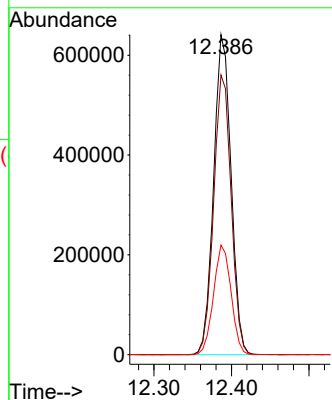
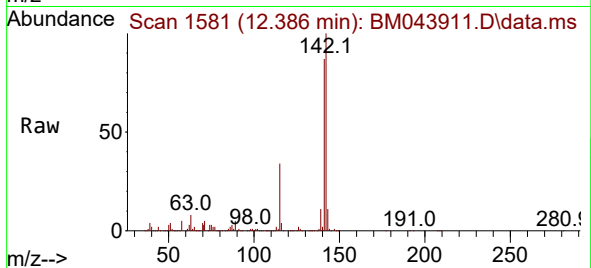
Tgt Ion:142 Resp: 1000021

Ion Ratio Lower Upper

142 100

141 87.4 69.8 104.6

115 34.2 27.1 40.7



#38

1-Methylnaphthalene

Concen: 20.250 ng

RT: 12.610 min Scan# 1619

Delta R.T. 0.000 min

Lab File: BM043911.D

Acq: 26 Jan 2024 13:04

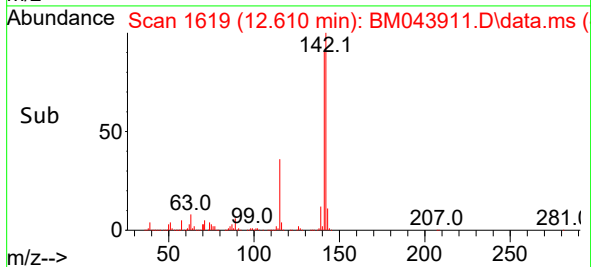
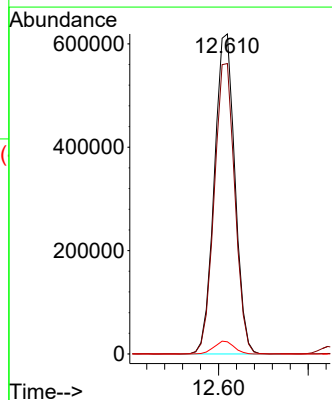
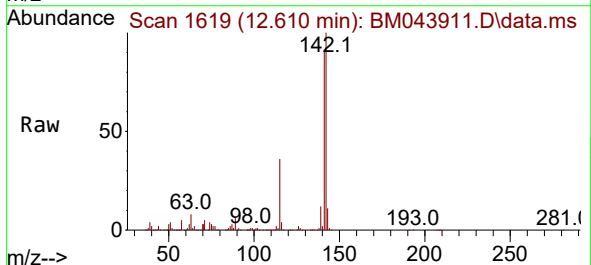
Tgt Ion:142 Resp: 985006

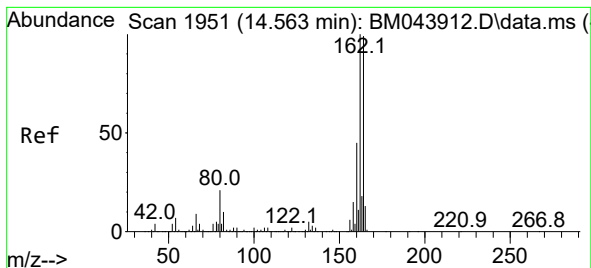
Ion Ratio Lower Upper

142 100

141 90.8 73.4 110.0

116 3.8 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.563 min Scan# 1951

Delta R.T. -0.000 min

Lab File: BM043911.D

Acq: 26 Jan 2024 13:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

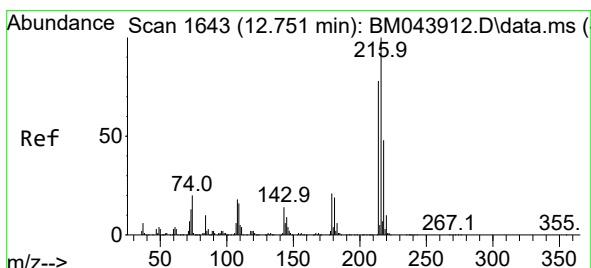
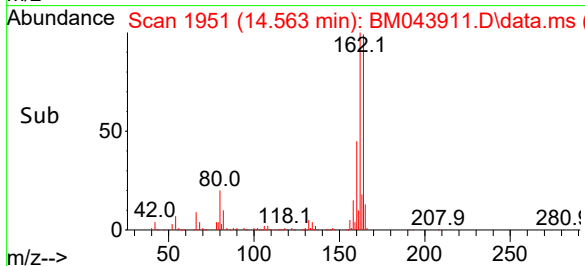
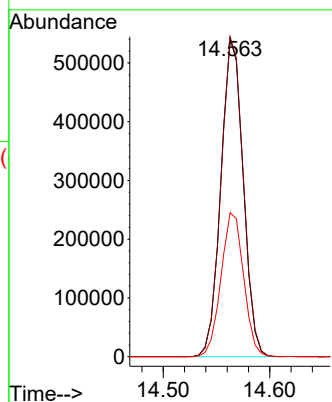
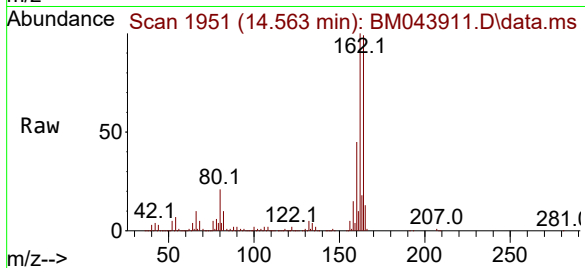
Tgt Ion:164 Resp: 784646

Ion Ratio Lower Upper

164 100

162 100.6 80.6 121.0

160 45.3 36.6 55.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 19.025 ng

RT: 12.751 min Scan# 1643

Delta R.T. 0.000 min

Lab File: BM043911.D

Acq: 26 Jan 2024 13:04

Tgt Ion:216 Resp: 467710

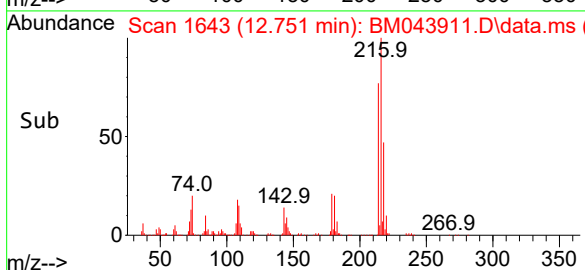
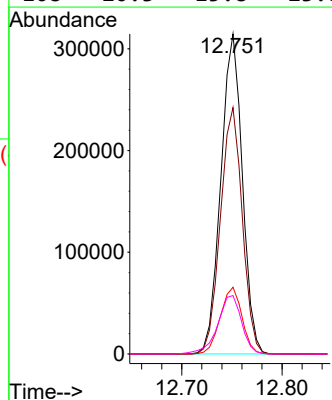
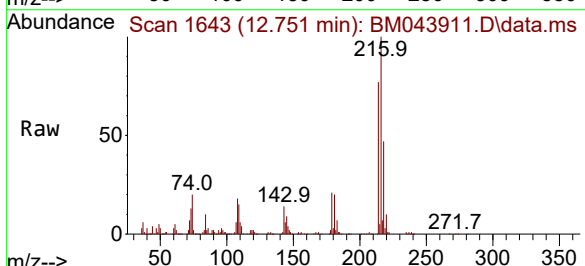
Ion Ratio Lower Upper

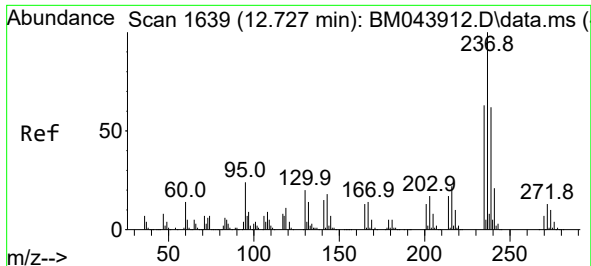
216 100

214 78.1 62.3 93.5

179 21.0 16.6 24.8

108 20.3 15.8 23.8

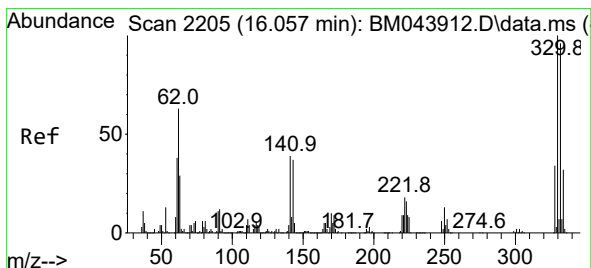
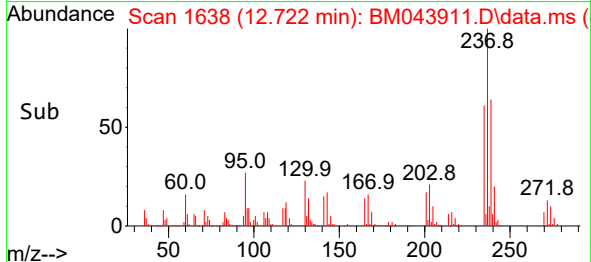
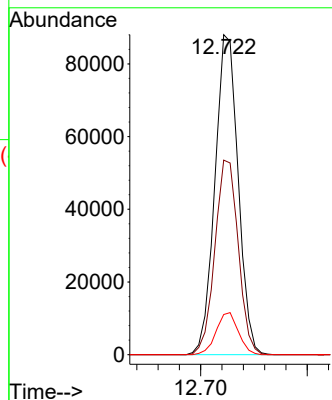
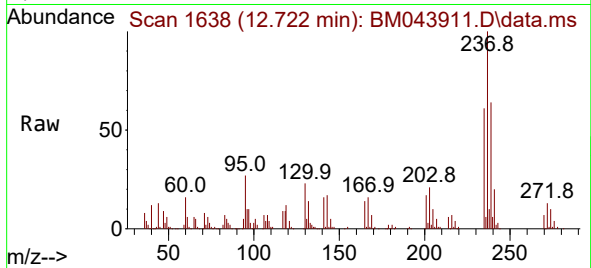




#41
Hexachlorocyclopentadiene
Concen: 17.114 ng
RT: 12.722 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM043911.D
Acq: 26 Jan 2024 13:04

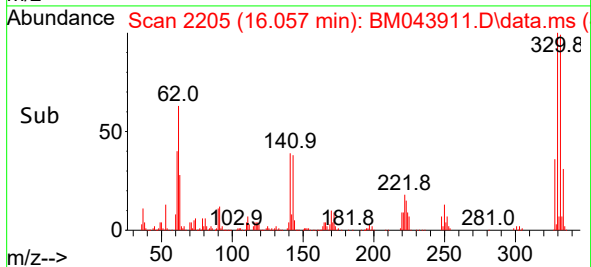
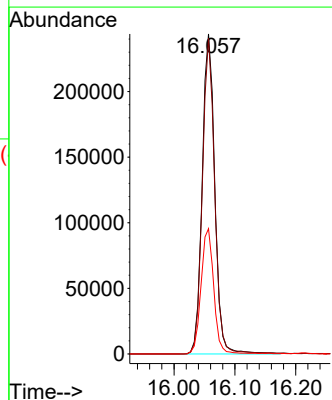
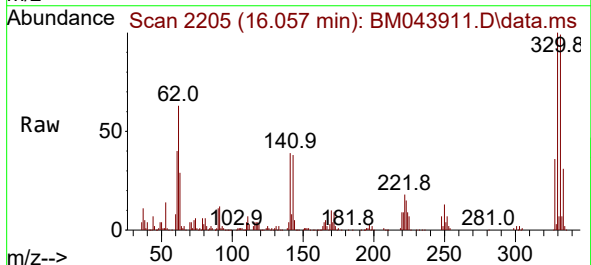
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

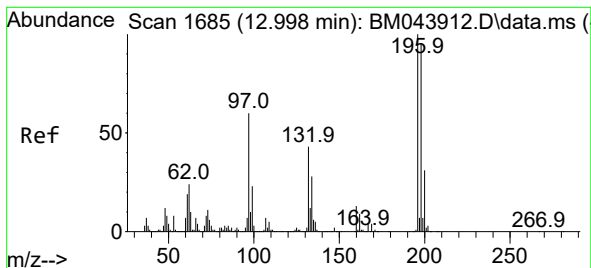
Tgt Ion:237 Resp: 133176
Ion Ratio Lower Upper
237 100
235 60.8 42.5 82.5
272 12.5 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 37.590 ng
RT: 16.057 min Scan# 2205
Delta R.T. -0.000 min
Lab File: BM043911.D
Acq: 26 Jan 2024 13:04

Tgt Ion:330 Resp: 349452
Ion Ratio Lower Upper
330 100
332 96.6 77.2 115.8
141 39.6 31.1 46.7





#43

2,4,6-Trichlorophenol

Concen: 19.224 ng

RT: 12.998 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM043911.D

Acq: 26 Jan 2024 13:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

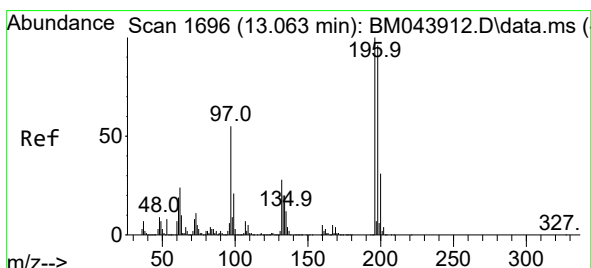
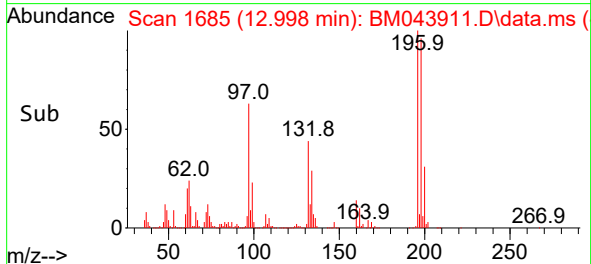
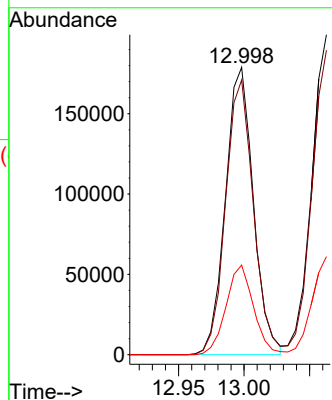
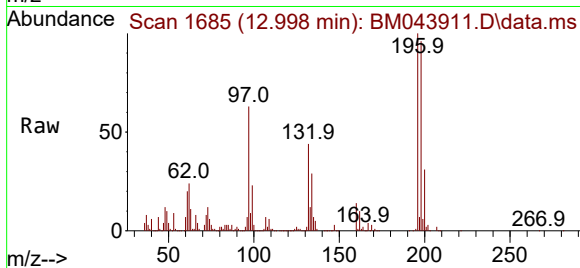
Tgt Ion:196 Resp: 264481

Ion Ratio Lower Upper

196 100

198 95.6 76.3 114.5

200 31.2 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 19.739 ng

RT: 13.063 min Scan# 1696

Delta R.T. -0.000 min

Lab File: BM043911.D

Acq: 26 Jan 2024 13:04

Tgt Ion:196 Resp: 309788

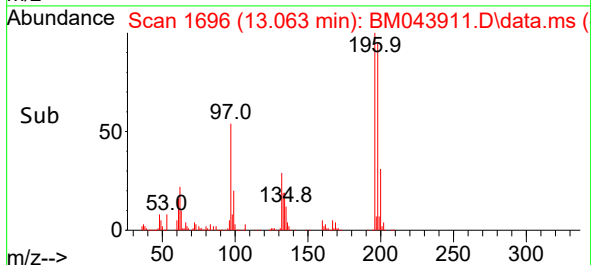
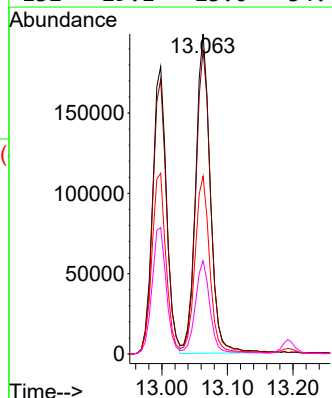
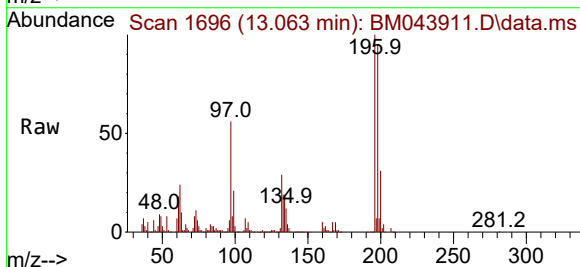
Ion Ratio Lower Upper

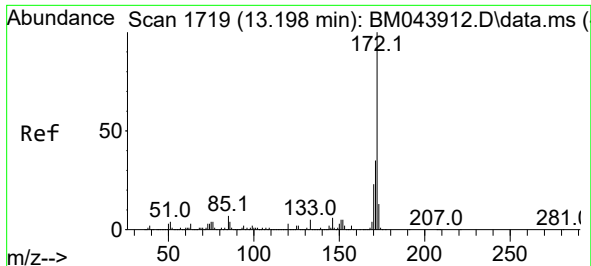
196 100

198 95.1 77.0 115.4

97 55.5 44.3 66.5

132 29.1 23.0 34.4

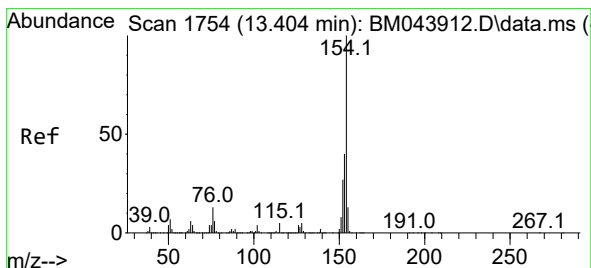
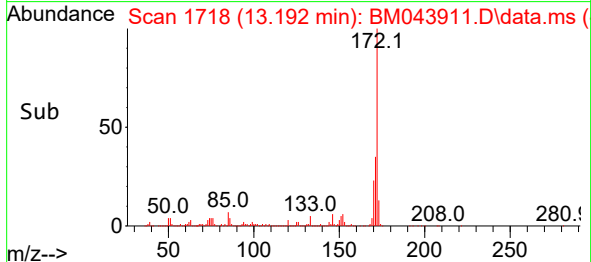
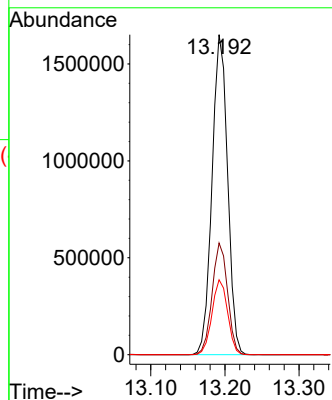
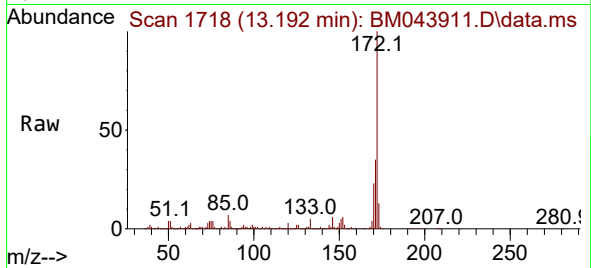




#45
2-Fluorobiphenyl
Concen: 38.846 ng
RT: 13.192 min Scan# 1719
Delta R.T. -0.006 min
Lab File: BM043911.D
Acq: 26 Jan 2024 13:04

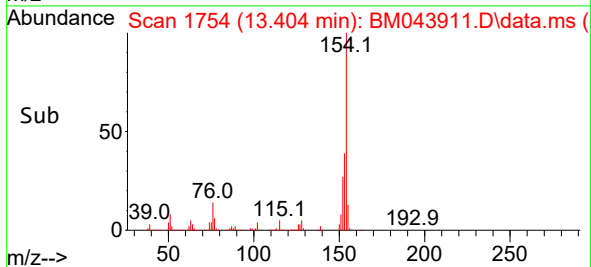
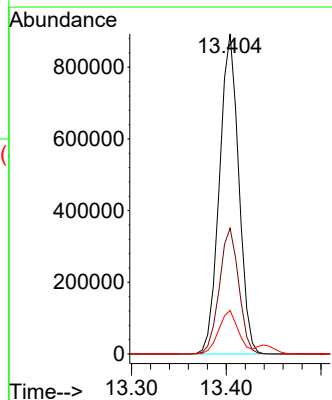
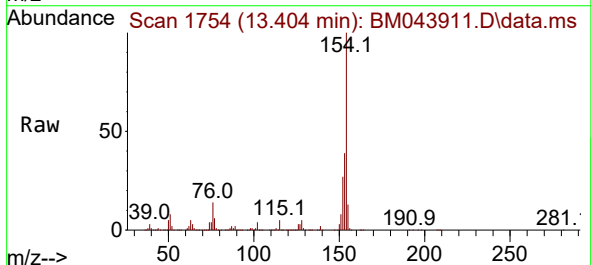
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

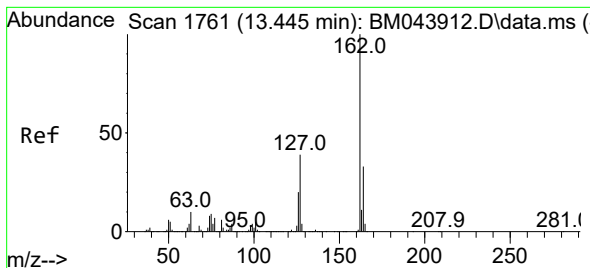
Tgt Ion:172 Resp: 2403324
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.4 18.7 28.1



#46
1,1'-Biphenyl
Concen: 19.491 ng
RT: 13.404 min Scan# 1754
Delta R.T. -0.000 min
Lab File: BM043911.D
Acq: 26 Jan 2024 13:04

Tgt Ion:154 Resp: 1264759
Ion Ratio Lower Upper
154 100
153 39.3 19.9 59.9
76 13.6 0.0 33.4





#47

2-Chloronaphthalene

Concen: 19.420 ng

RT: 13.439 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM043911.D

Acq: 26 Jan 2024 13:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

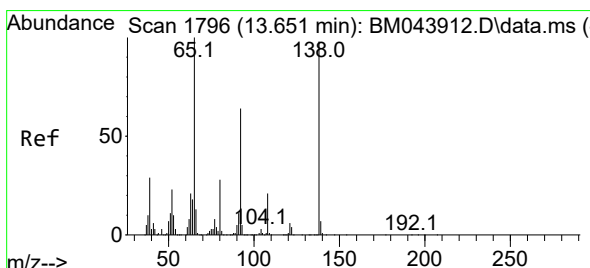
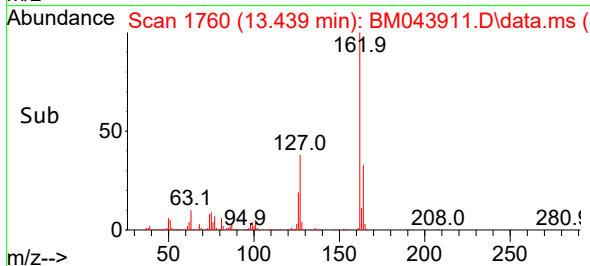
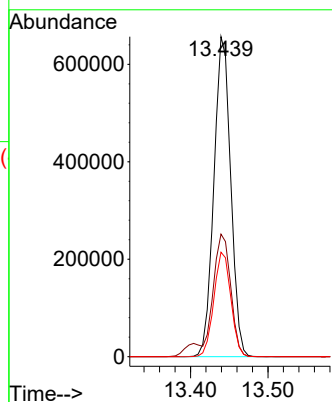
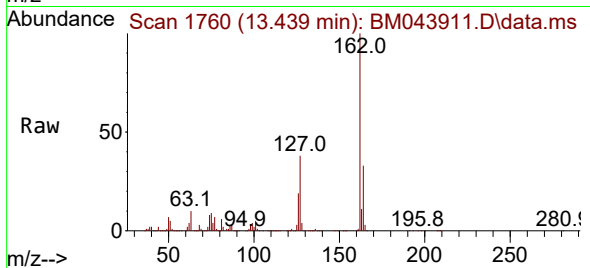
Tgt Ion:162 Resp: 993961

Ion Ratio Lower Upper

162 100

127 38.3 31.1 46.7

164 32.7 26.2 39.4



#48

2-Nitroaniline

Concen: 19.309 ng

RT: 13.651 min Scan# 1796

Delta R.T. 0.000 min

Lab File: BM043911.D

Acq: 26 Jan 2024 13:04

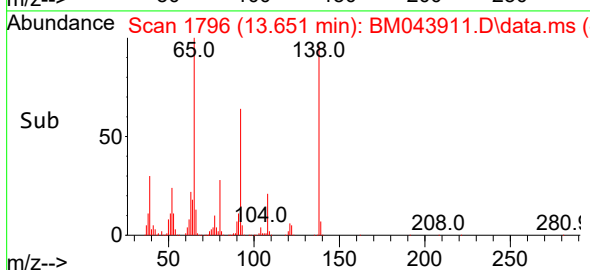
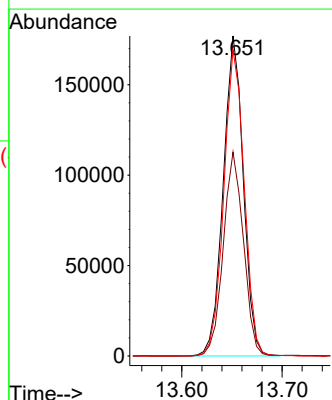
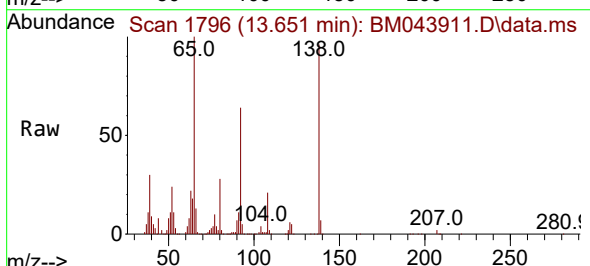
Tgt Ion: 65 Resp: 246243

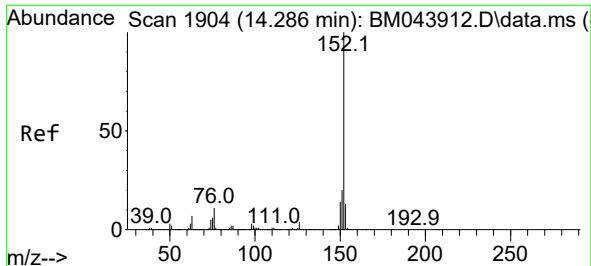
Ion Ratio Lower Upper

65 100

92 63.7 50.9 76.3

138 95.8 78.6 118.0

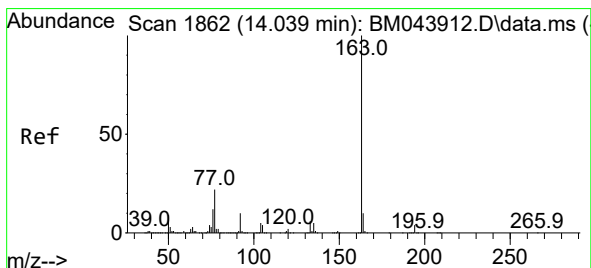
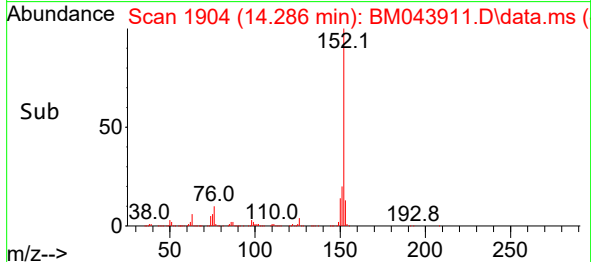
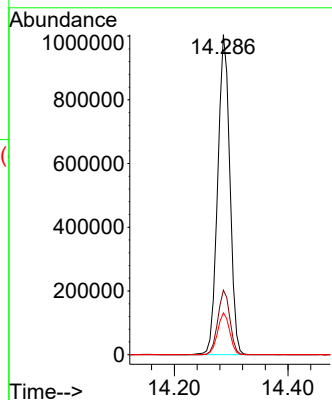
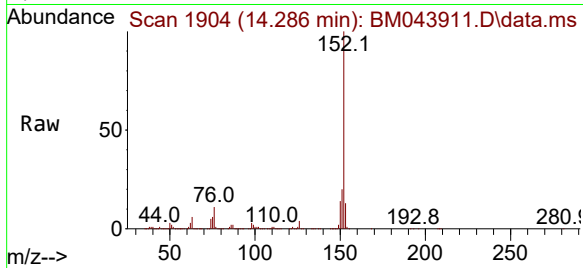




#49
Acenaphthylene
Concen: 19.746 ng
RT: 14.286 min Scan# 1904
Delta R.T. 0.000 min
Lab File: BM043911.D
Acq: 26 Jan 2024 13:04

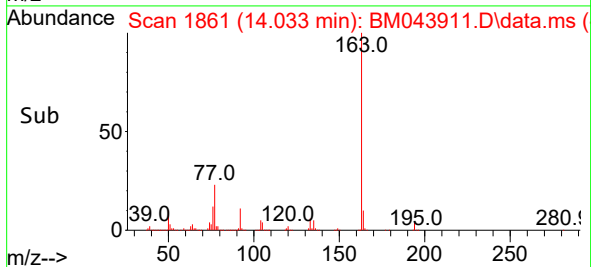
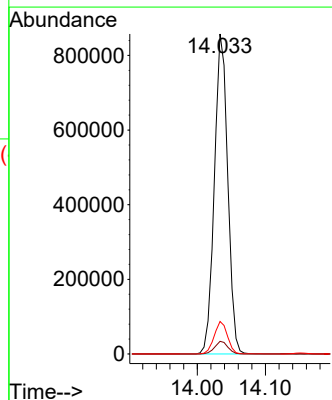
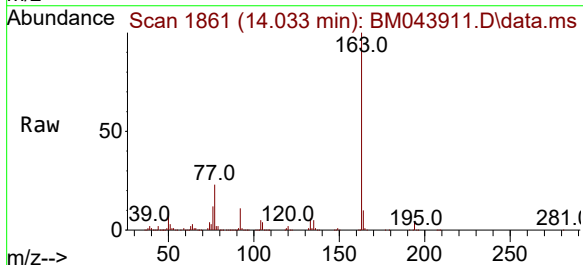
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

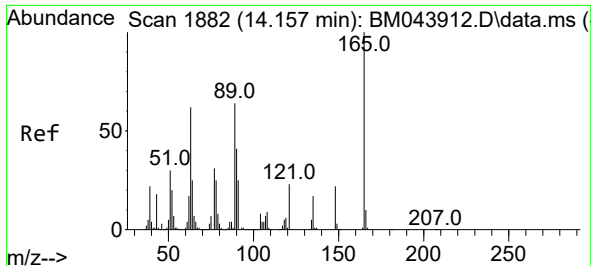
Tgt Ion:152 Resp: 1484098
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.6
153 13.0 10.6 15.8



#50
Dimethylphthalate
Concen: 20.243 ng
RT: 14.033 min Scan# 1861
Delta R.T. -0.006 min
Lab File: BM043911.D
Acq: 26 Jan 2024 13:04

Tgt Ion:163 Resp: 1169142
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.2 8.2 12.2

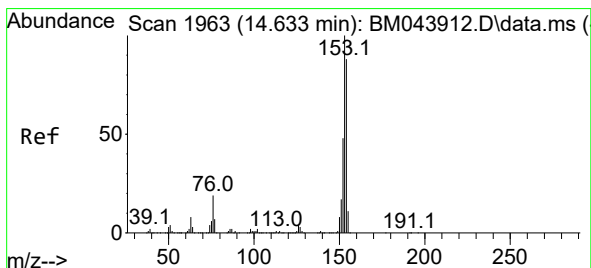
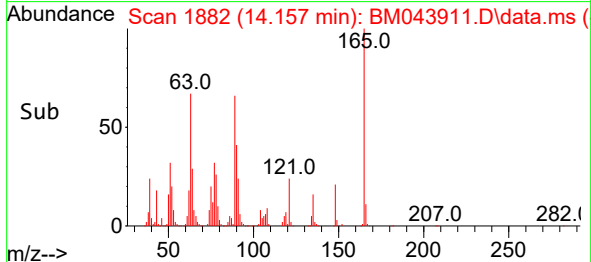
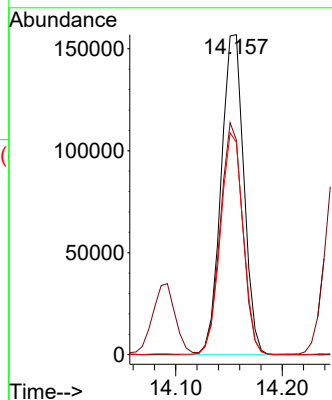
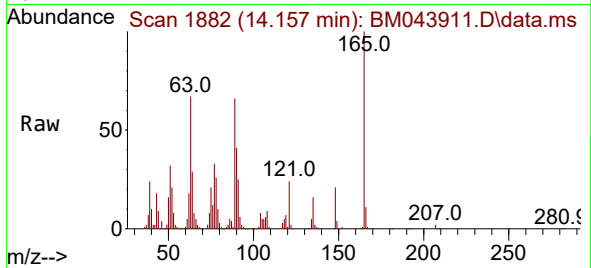




#51
2,6-Dinitrotoluene
Concen: 20.147 ng
RT: 14.157 min Scan# 1882
Delta R.T. -0.000 min
Lab File: BM043911.D
Acq: 26 Jan 2024 13:04

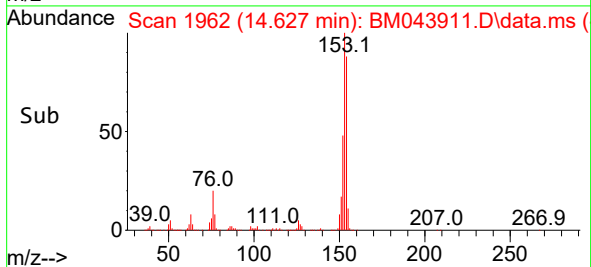
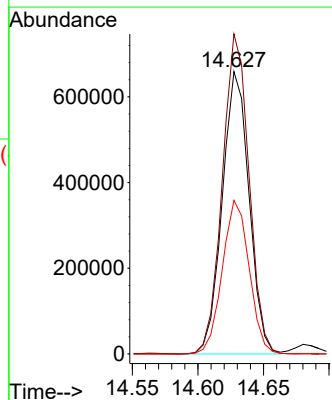
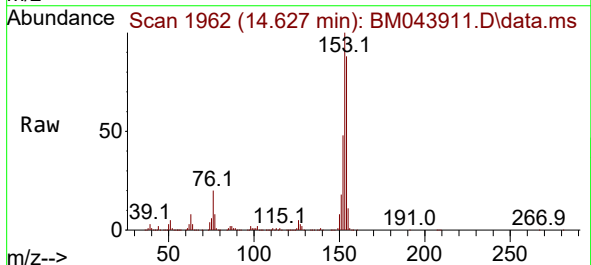
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

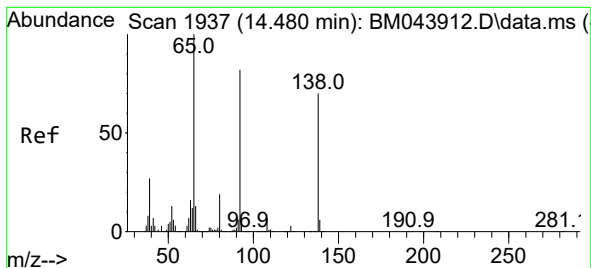
Tgt Ion:165 Resp: 232078
Ion Ratio Lower Upper
165 100
63 67.1 52.8 79.2
89 66.3 51.3 76.9



#52
Acenaphthene
Concen: 19.625 ng
RT: 14.627 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BM043911.D
Acq: 26 Jan 2024 13:04

Tgt Ion:154 Resp: 937763
Ion Ratio Lower Upper
154 100
153 113.3 90.5 135.7
152 54.4 43.2 64.8

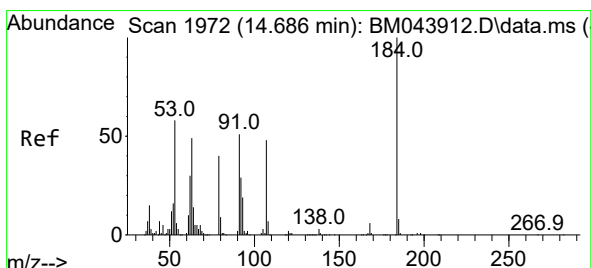
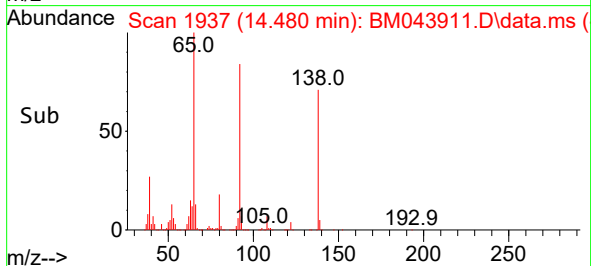
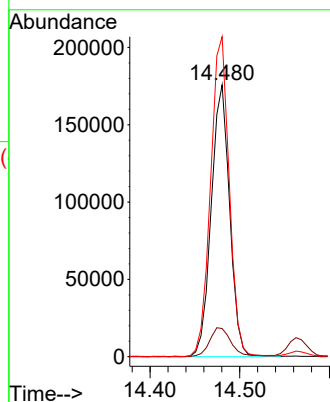
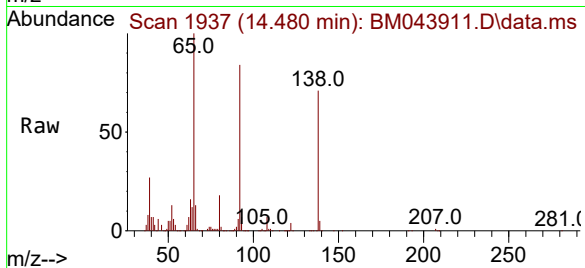




#53
3-Nitroaniline
Concen: 20.287 ng
RT: 14.480 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BM043911.D
Acq: 26 Jan 2024 13:04

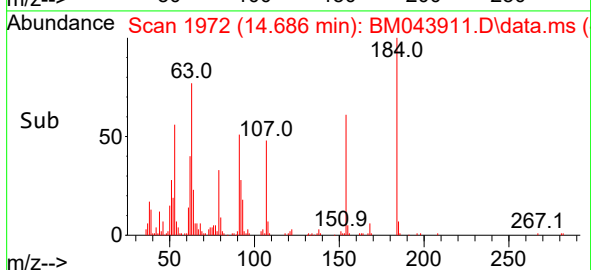
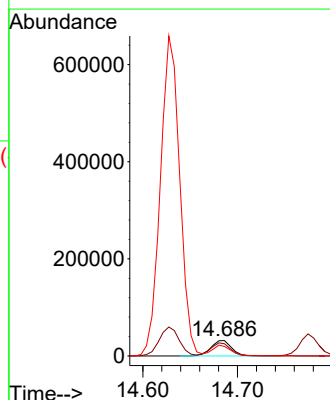
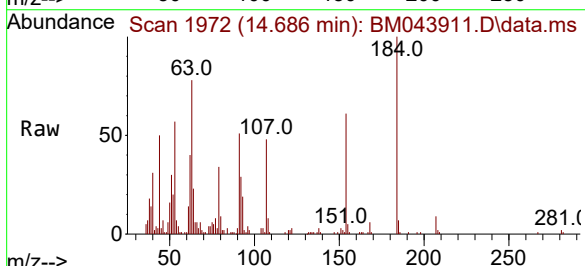
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

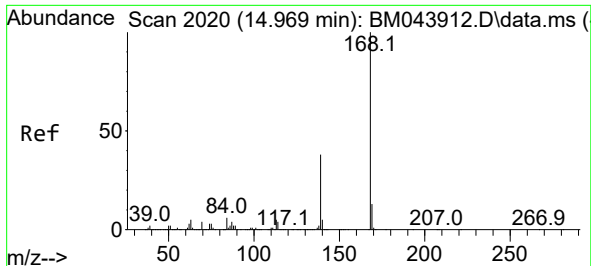
Tgt Ion:138 Resp: 249974
Ion Ratio Lower Upper
138 100
108 10.4 8.4 12.6
92 117.7 93.6 140.4



#54
2,4-Dinitrophenol
Concen: 20.113 ng
RT: 14.686 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BM043911.D
Acq: 26 Jan 2024 13:04

Tgt Ion:184 Resp: 48159
Ion Ratio Lower Upper
184 100
63 78.5 63.8 95.6
154 61.3 52.3 78.5

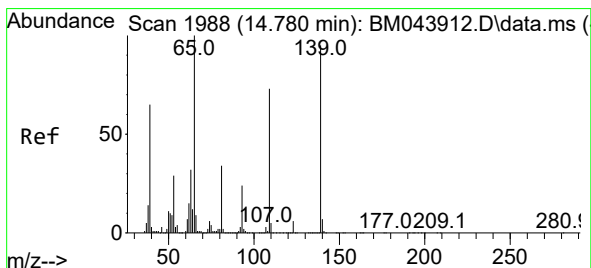
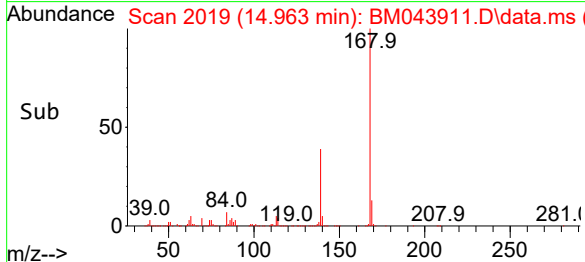
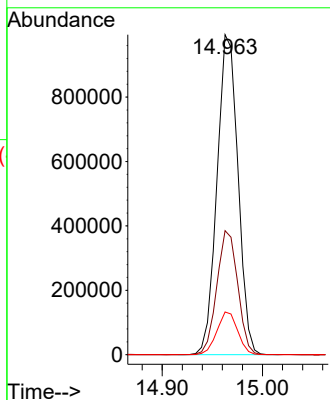
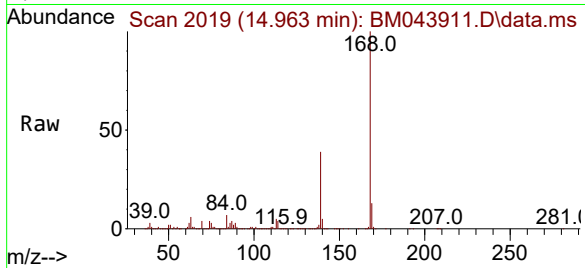




#55
Dibenzenofuran
Concen: 19.828 ng
RT: 14.963 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM043911.D
Acq: 26 Jan 2024 13:04

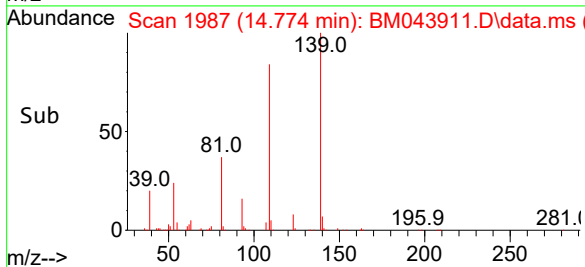
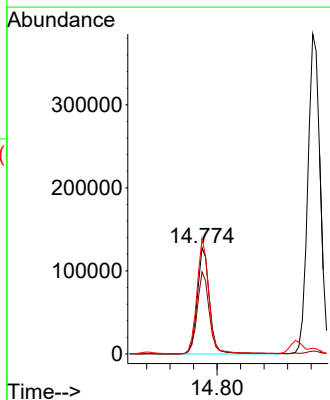
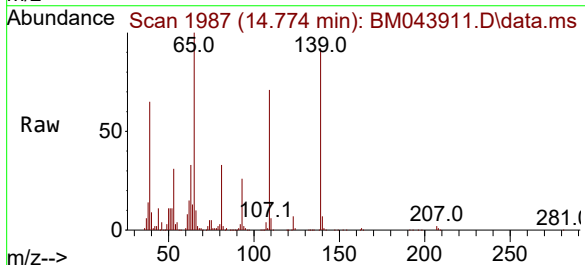
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

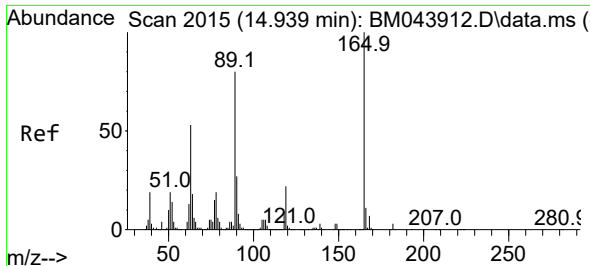
Tgt Ion:168 Resp: 1442245
Ion Ratio Lower Upper
168 100
139 38.8 30.2 45.2
169 13.3 10.6 15.8



#56
4-Nitrophenol
Concen: 18.685 ng
RT: 14.774 min Scan# 1987
Delta R.T. -0.006 min
Lab File: BM043911.D
Acq: 26 Jan 2024 13:04

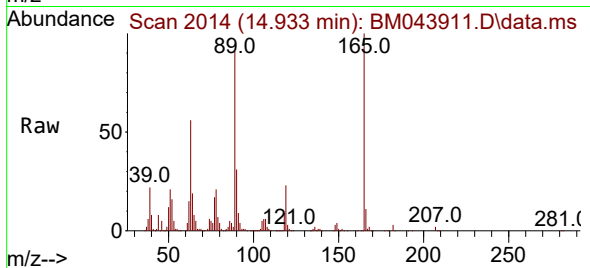
Tgt Ion:139 Resp: 184596
Ion Ratio Lower Upper
139 100
109 77.3 57.3 97.3
65 108.5 85.9 125.9



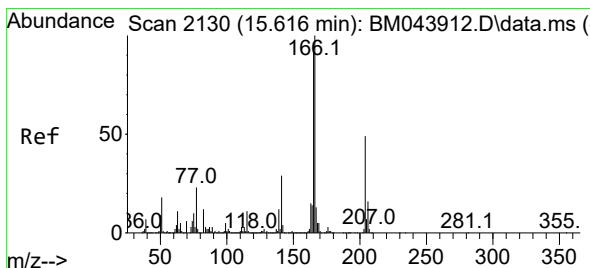
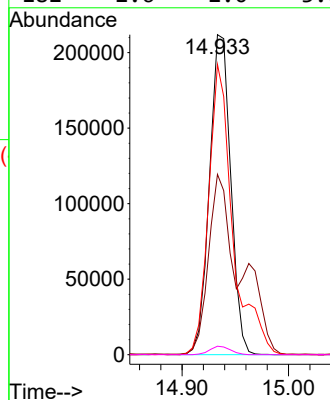
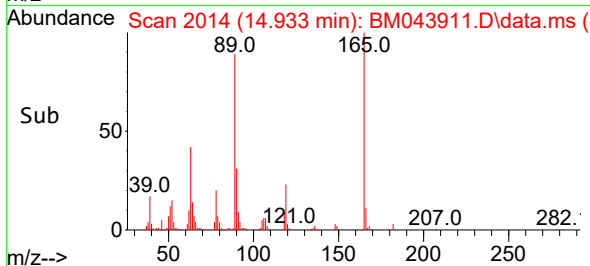


#57
2,4-Dinitrotoluene
Concen: 19.819 ng
RT: 14.933 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BM043911.D
Acq: 26 Jan 2024 13:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

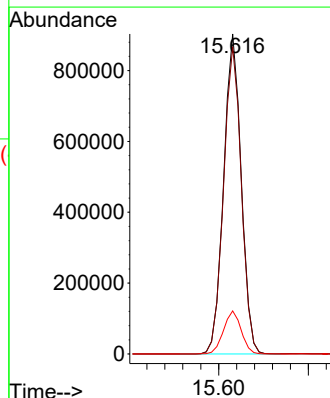
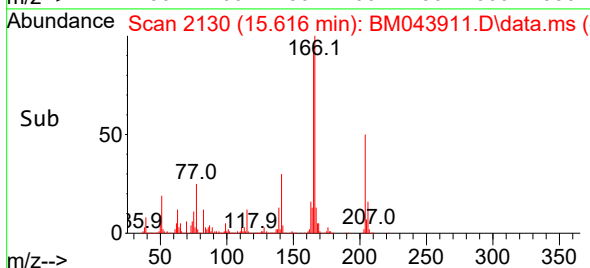
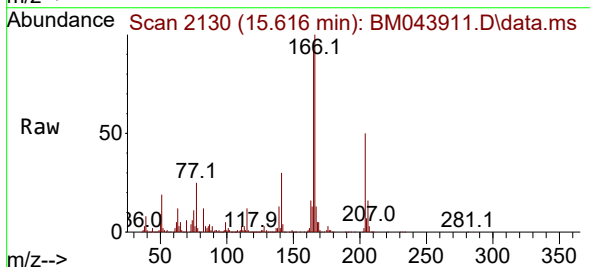


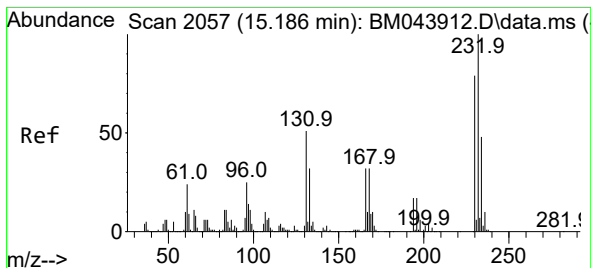
Tgt Ion:	165	Resp:	292996
Ion	Ratio	Lower	Upper
165	100		
63	56.4	42.2	63.2
89	90.7	64.2	96.2
182	2.6	2.0	3.0



#58
Fluorene
Concen: 20.075 ng
RT: 15.616 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BM043911.D
Acq: 26 Jan 2024 13:04

Tgt Ion:	166	Resp:	1226117
Ion	Ratio	Lower	Upper
166	100		
165	96.0	76.8	115.2
167	13.4	10.7	16.1

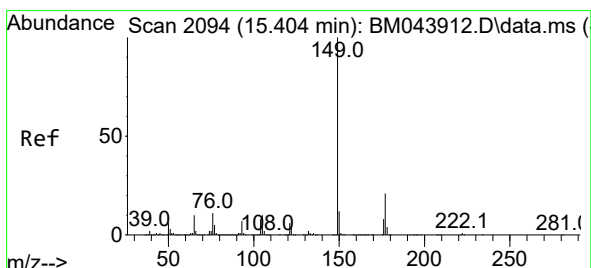
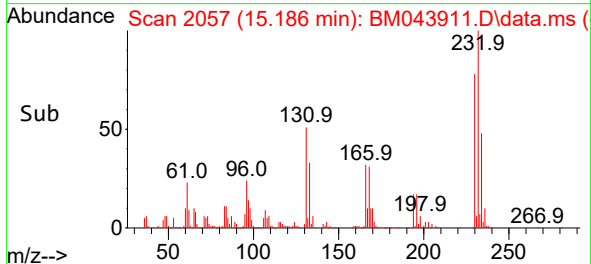
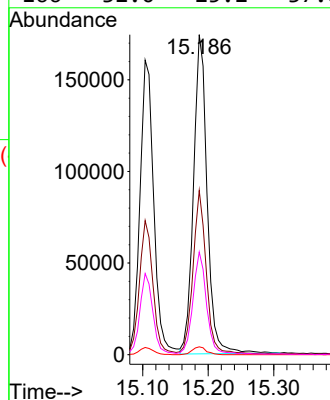
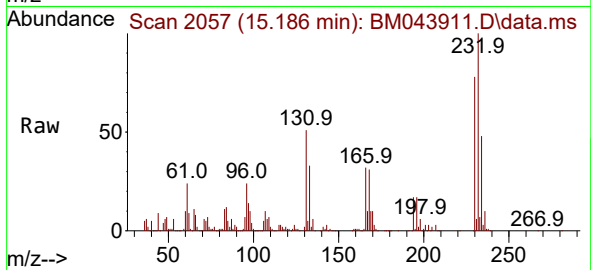




#59
2,3,4,6-Tetrachlorophenol
Concen: 19.964 ng
RT: 15.186 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BM043911.D
Acq: 26 Jan 2024 13:04

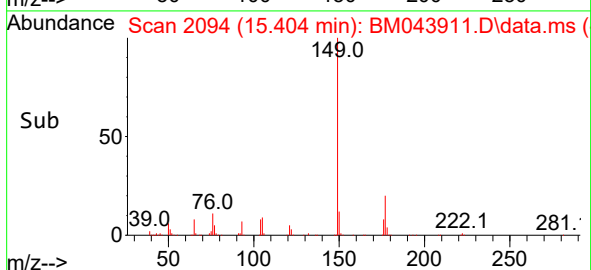
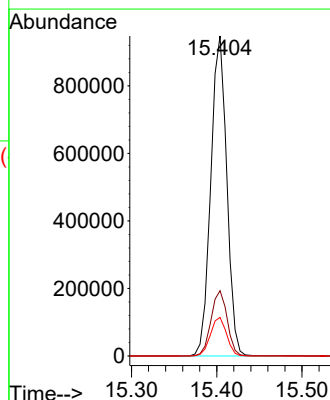
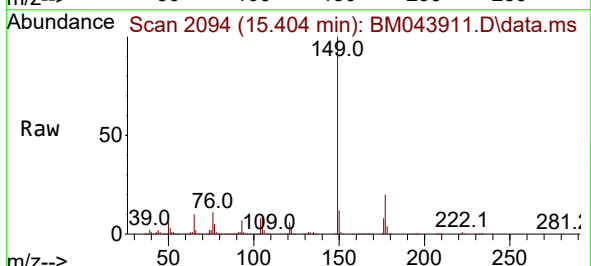
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

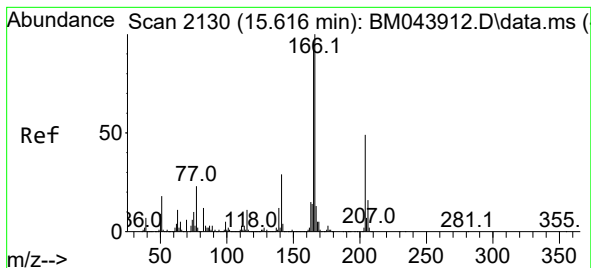
Tgt Ion:232 Resp: 252523
Ion Ratio Lower Upper
232 100
131 49.2 40.0 60.0
130 2.5 2.2 3.2
166 32.0 25.2 37.8



#60
Diethylphthalate
Concen: 20.744 ng
RT: 15.404 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BM043911.D
Acq: 26 Jan 2024 13:04

Tgt Ion:149 Resp: 1235785
Ion Ratio Lower Upper
149 100
177 20.4 16.7 25.1
150 12.1 9.9 14.9

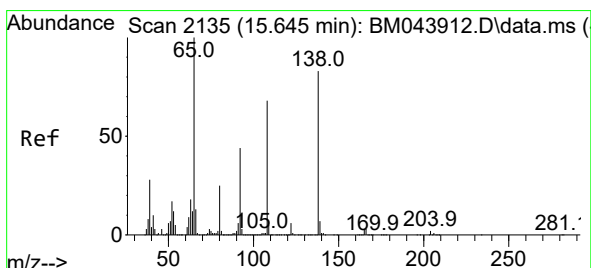
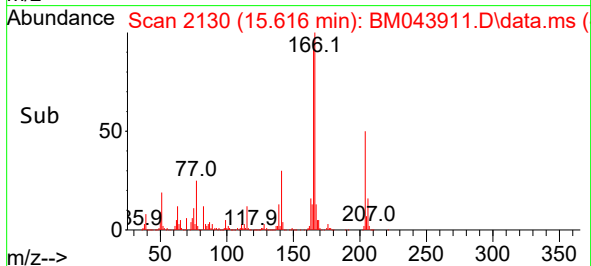
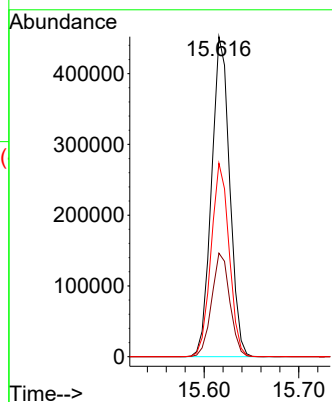
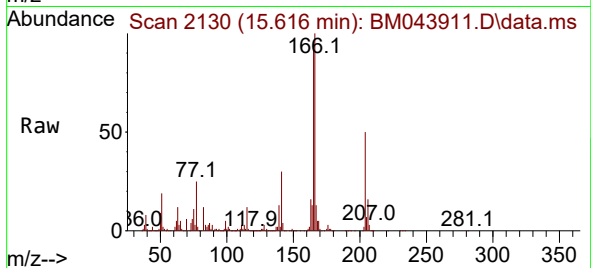




#61
4-Chlorophenyl-phenylether
Concen: 19.974 ng
RT: 15.616 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BM043911.D
Acq: 26 Jan 2024 13:04

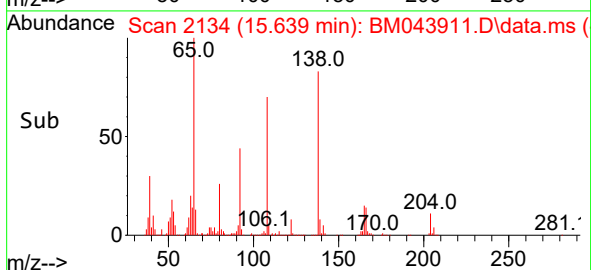
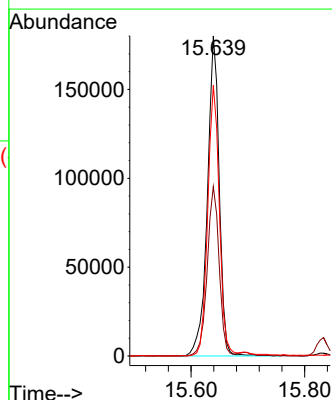
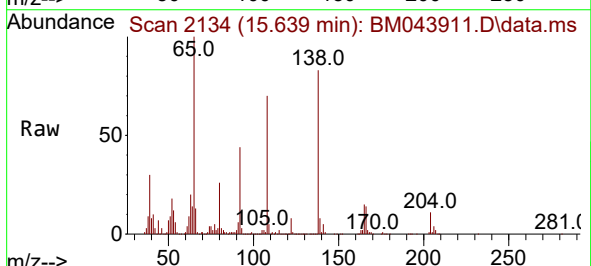
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

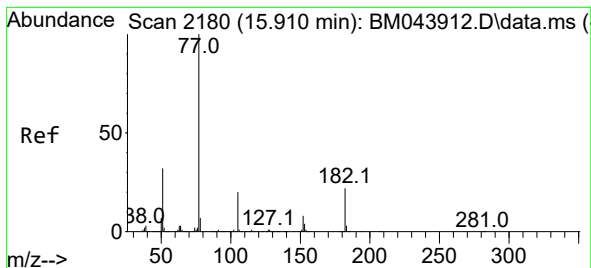
Tgt Ion:204 Resp: 601431
Ion Ratio Lower Upper
204 100
206 32.4 25.8 38.6
141 60.5 48.2 72.4



#62
4-Nitroaniline
Concen: 20.336 ng
RT: 15.639 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BM043911.D
Acq: 26 Jan 2024 13:04

Tgt Ion:138 Resp: 260586
Ion Ratio Lower Upper
138 100
92 52.9 32.6 72.6
108 84.6 61.5 101.5





#63

Azobenzene

Concen: 20.448 ng

RT: 15.910 min Scan# 2180

Delta R.T. 0.000 min

Lab File: BM043911.D

Acq: 26 Jan 2024 13:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

Tgt Ion: 77 Resp: 1327652

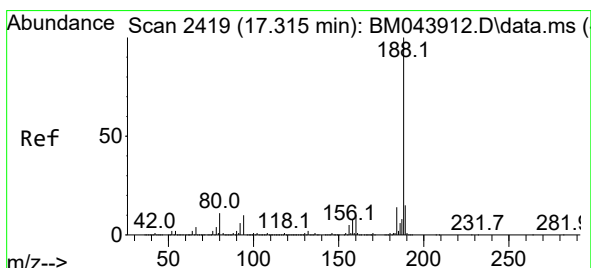
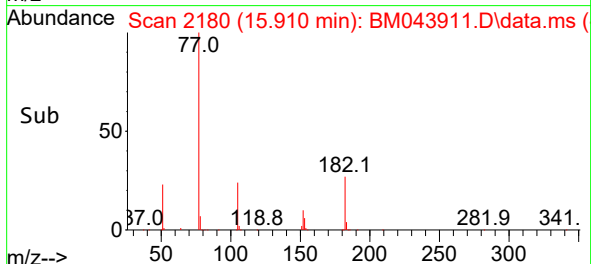
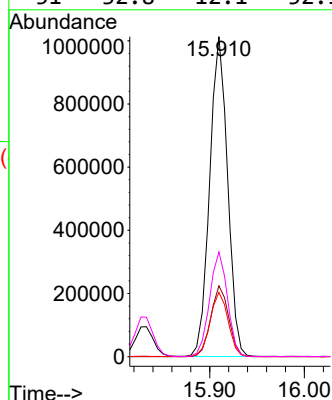
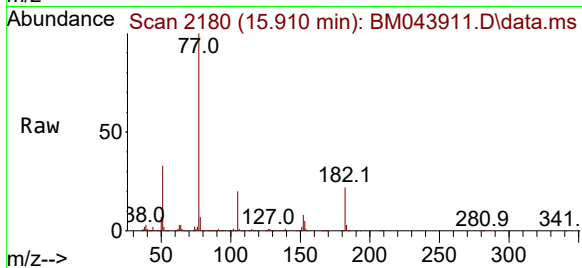
Ion Ratio Lower Upper

77 100

182 22.1 2.0 42.0

105 20.1 0.0 39.6

51 32.8 12.1 52.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.315 min Scan# 2419

Delta R.T. 0.000 min

Lab File: BM043911.D

Acq: 26 Jan 2024 13:04

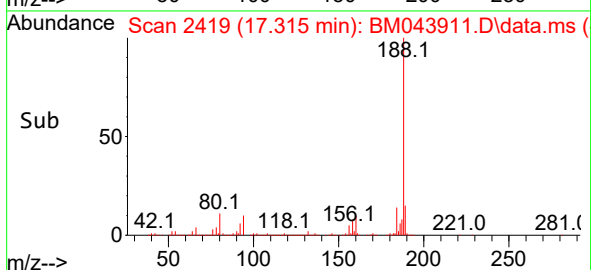
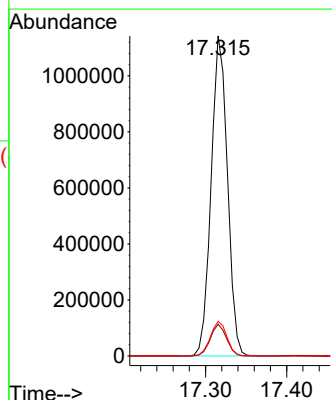
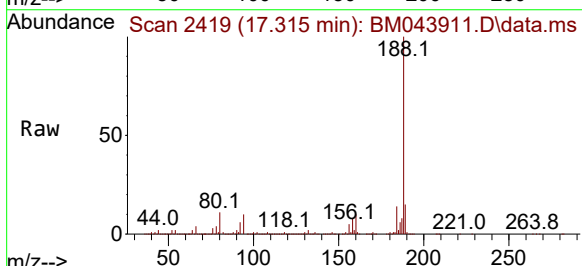
Tgt Ion:188 Resp: 1590684

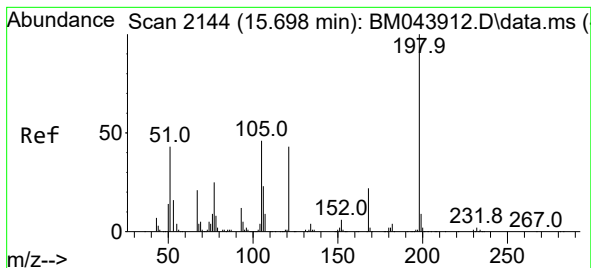
Ion Ratio Lower Upper

188 100

94 9.9 8.2 12.2

80 10.8 9.0 13.4

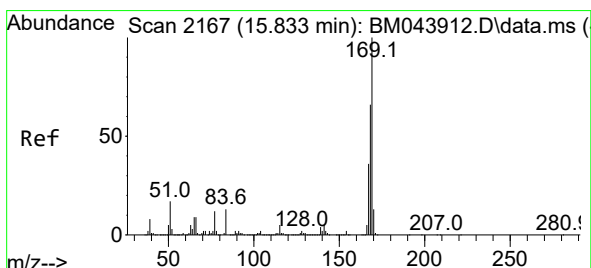
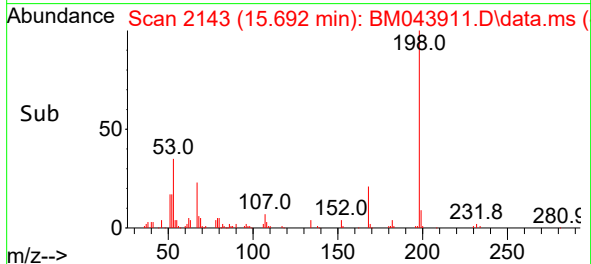
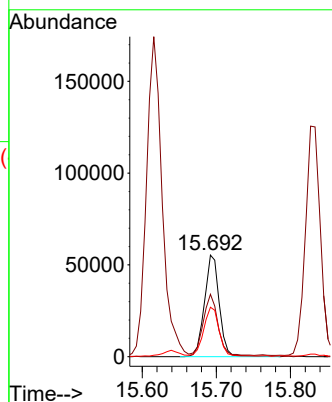
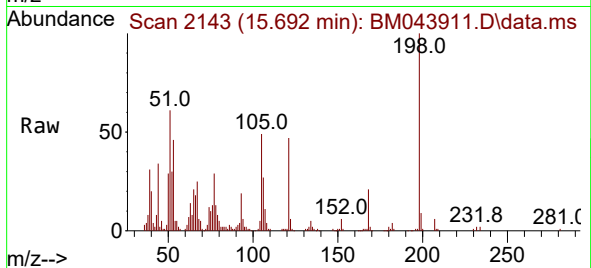




#65
4,6-Dinitro-2-methylphenol
Concen: 19.787 ng
RT: 15.692 min Scan# 2143
Delta R.T. -0.006 min
Lab File: BM043911.D
Acq: 26 Jan 2024 13:04

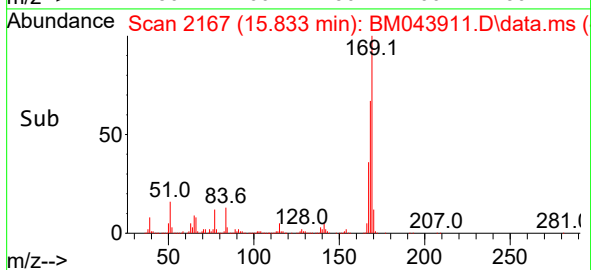
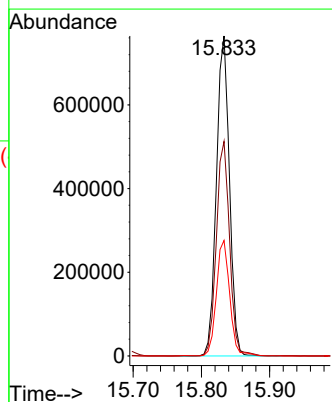
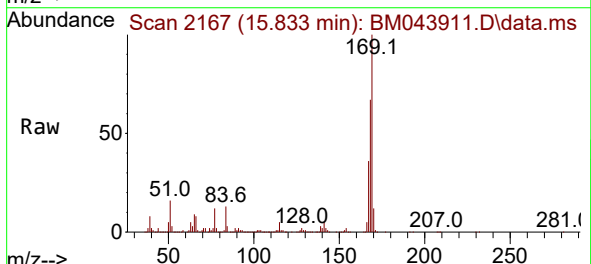
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

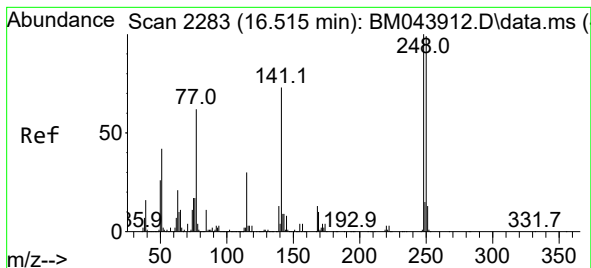
Tgt Ion:198 Resp: 76873
Ion Ratio Lower Upper
198 100
51 61.4 36.4 76.4
105 48.8 28.8 68.8



#66
n-Nitrosodiphenylamine
Concen: 20.101 ng
RT: 15.833 min Scan# 2167
Delta R.T. 0.000 min
Lab File: BM043911.D
Acq: 26 Jan 2024 13:04

Tgt Ion:169 Resp: 1015054
Ion Ratio Lower Upper
169 100
168 67.1 53.2 79.8
167 36.1 29.1 43.7

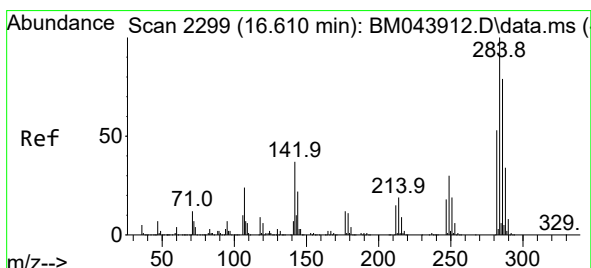
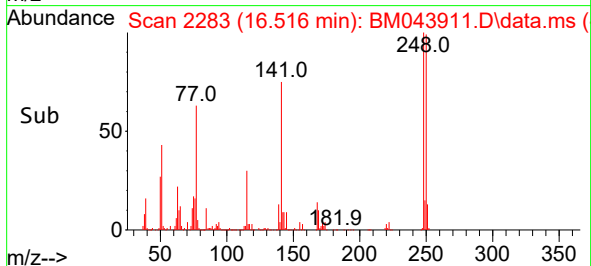
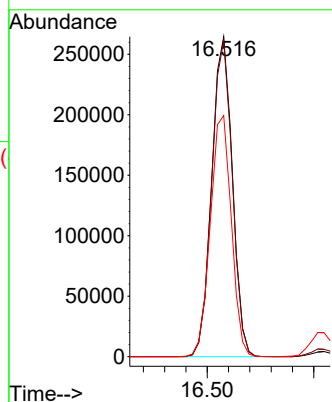
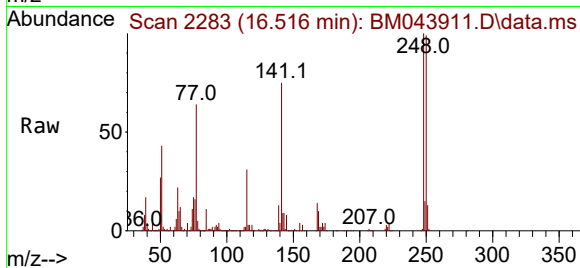




#67
4-Bromophenyl-phenylether
Concen: 19.643 ng
RT: 16.516 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM043911.D
Acq: 26 Jan 2024 13:04

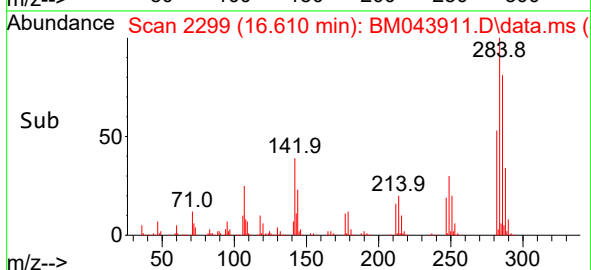
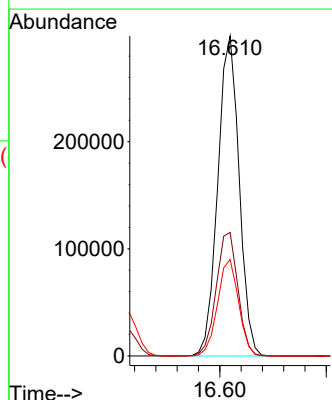
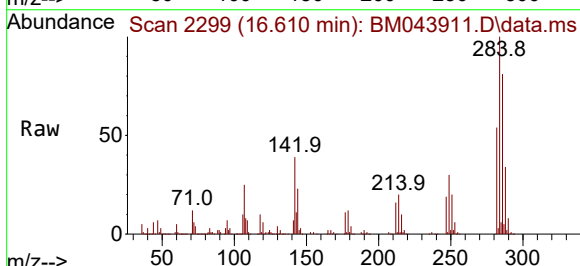
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

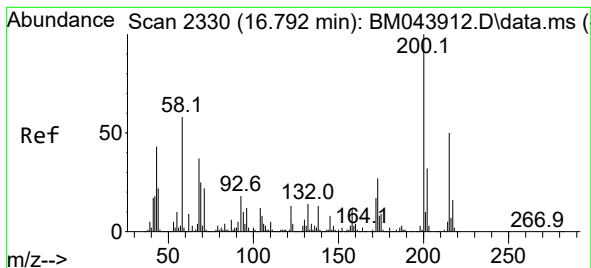
Tgt Ion:248 Resp: 355576
Ion Ratio Lower Upper
248 100
250 98.7 78.9 118.3
141 75.4 58.5 87.7



#68
Hexachlorobenzene
Concen: 19.686 ng
RT: 16.610 min Scan# 2299
Delta R.T. 0.000 min
Lab File: BM043911.D
Acq: 26 Jan 2024 13:04

Tgt Ion:284 Resp: 414950
Ion Ratio Lower Upper
284 100
142 38.6 29.7 44.5
249 30.2 23.7 35.5





#69

Atrazine

Concen: 21.036 ng

RT: 16.792 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM043911.D

Acq: 26 Jan 2024 13:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

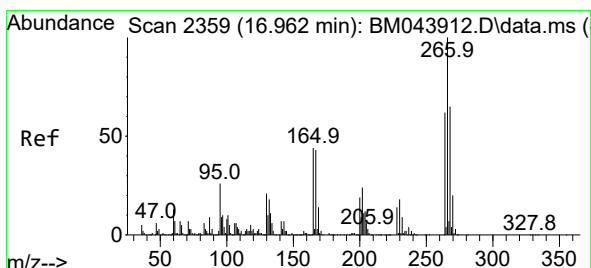
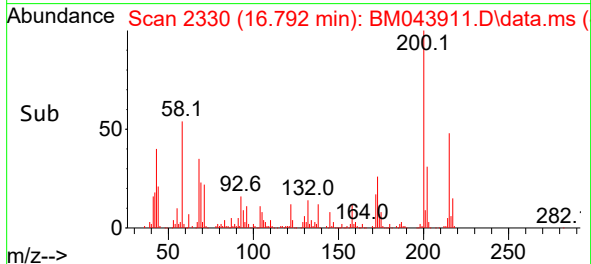
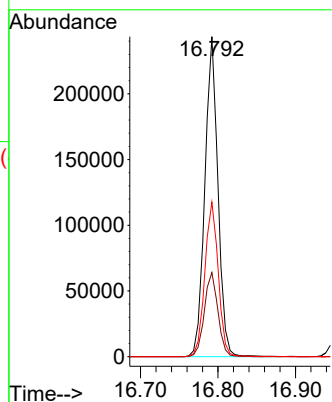
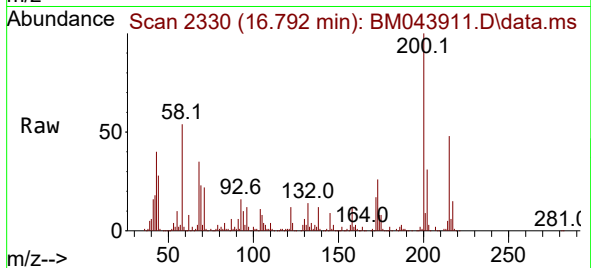
Tgt Ion:200 Resp: 285126

Ion Ratio Lower Upper

200 100

173 26.3 6.7 46.7

215 48.3 30.0 70.0



#70

Pentachlorophenol

Concen: 20.120 ng

RT: 16.957 min Scan# 2358

Delta R.T. -0.005 min

Lab File: BM043911.D

Acq: 26 Jan 2024 13:04

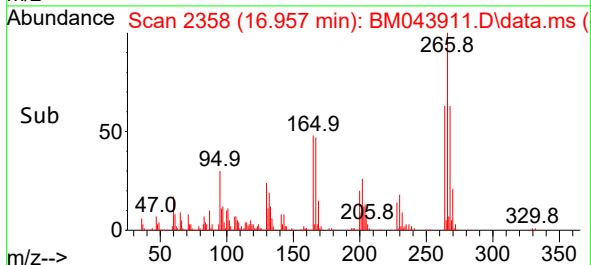
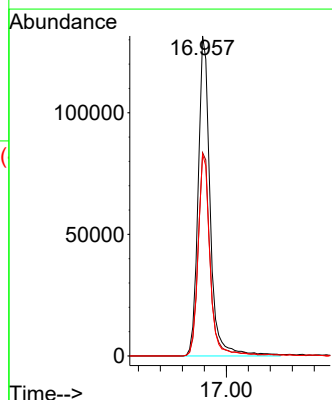
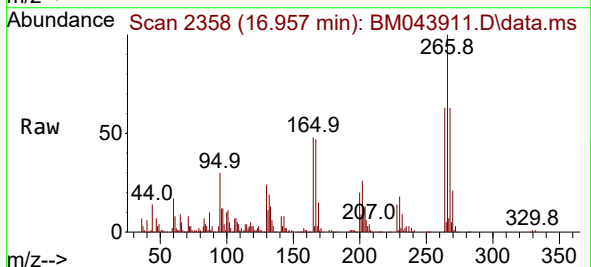
Tgt Ion:266 Resp: 199419

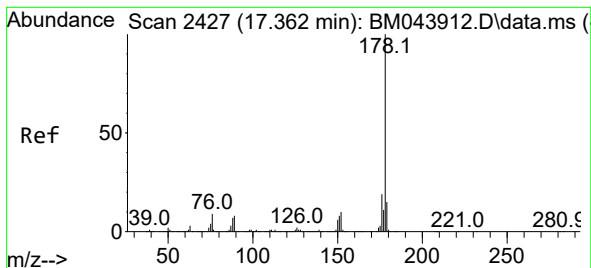
Ion Ratio Lower Upper

266 100

268 63.5 52.2 78.4

264 63.1 49.8 74.6





#71

Phenanthrene

Concen: 19.802 ng

RT: 17.357 min Scan# 2427

Delta R.T. -0.006 min

Lab File: BM043911.D

Acq: 26 Jan 2024 13:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

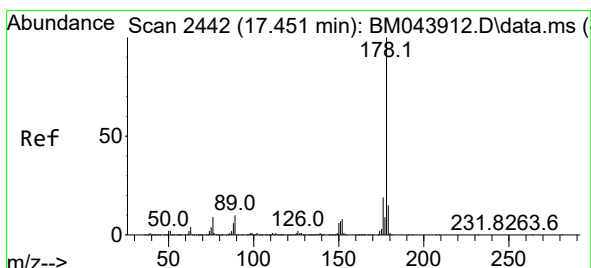
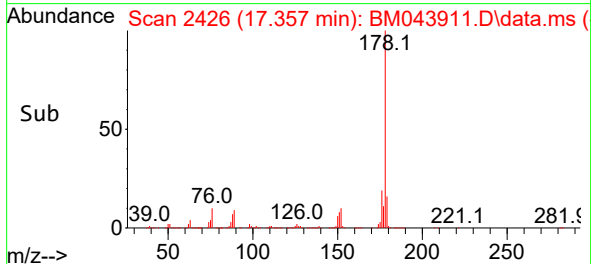
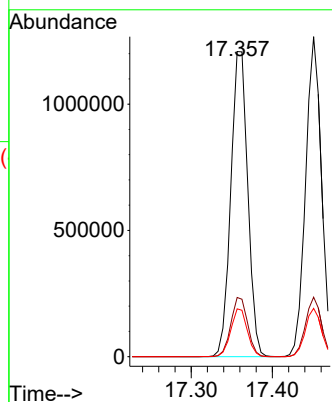
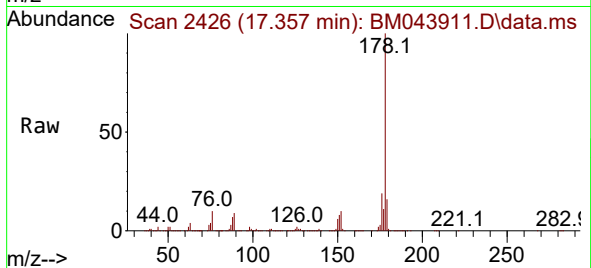
Tgt Ion:178 Resp: 1753361

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

179 15.7 12.2 18.2



#72

Anthracene

Concen: 19.836 ng

RT: 17.451 min Scan# 2442

Delta R.T. 0.000 min

Lab File: BM043911.D

Acq: 26 Jan 2024 13:04

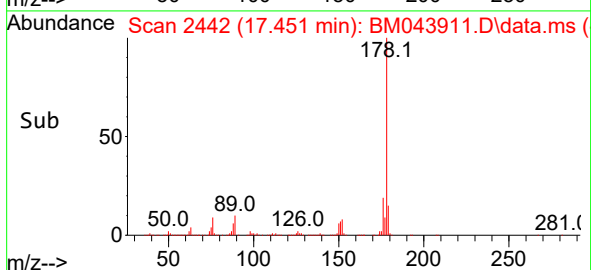
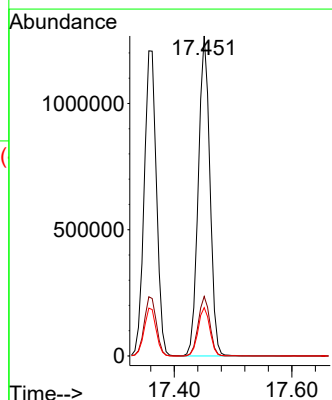
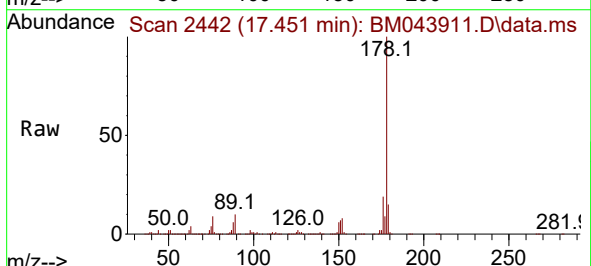
Tgt Ion:178 Resp: 1729861

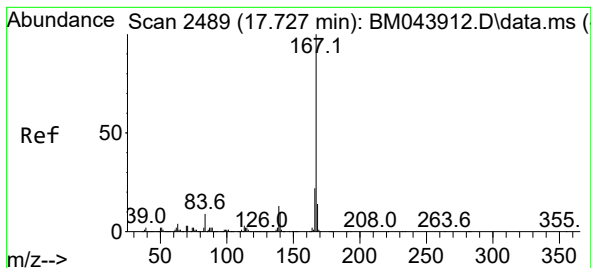
Ion Ratio Lower Upper

178 100

176 18.6 15.2 22.8

179 15.1 12.4 18.6





#73

Carbazole

Concen: 19.977 ng

RT: 17.727 min Scan# 2489

Delta R.T. 0.000 min

Lab File: BM043911.D

Acq: 26 Jan 2024 13:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

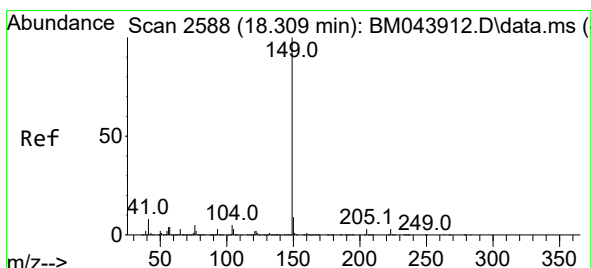
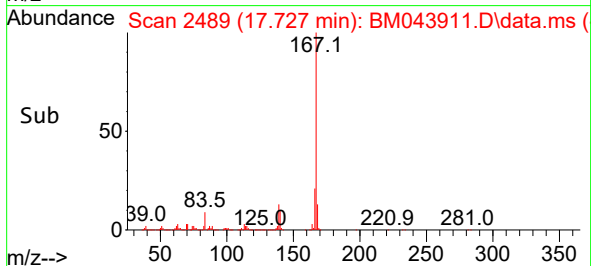
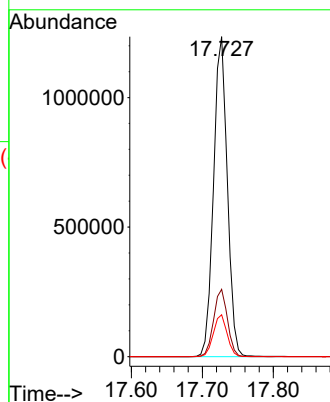
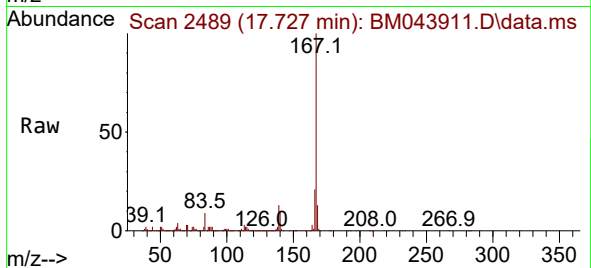
Tgt Ion:167 Resp: 1660823

Ion Ratio Lower Upper

167 100

166 21.1 17.3 25.9

139 13.1 10.5 15.7



#74

Di-n-butylphthalate

Concen: 20.487 ng

RT: 18.310 min Scan# 2588

Delta R.T. 0.000 min

Lab File: BM043911.D

Acq: 26 Jan 2024 13:04

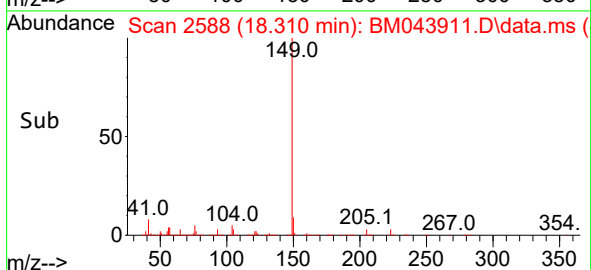
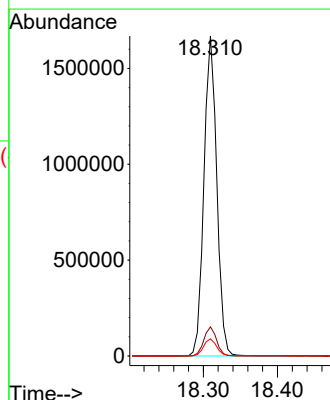
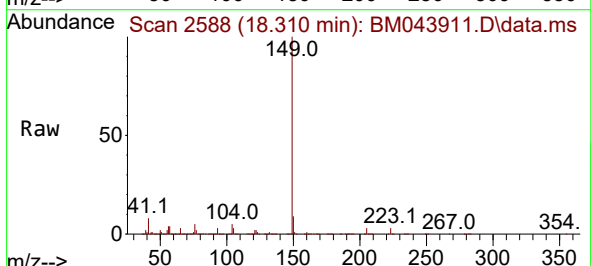
Tgt Ion:149 Resp: 2005670

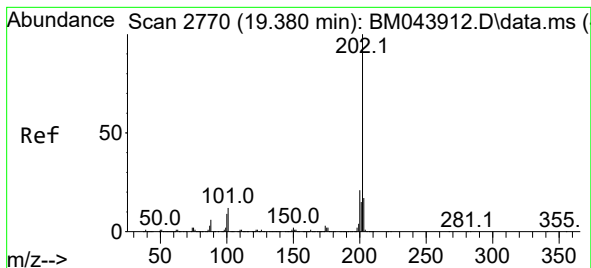
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 5.4 4.2 6.4





#75

Fluoranthene

Concen: 19.689 ng

RT: 19.380 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM043911.D

Acq: 26 Jan 2024 13:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

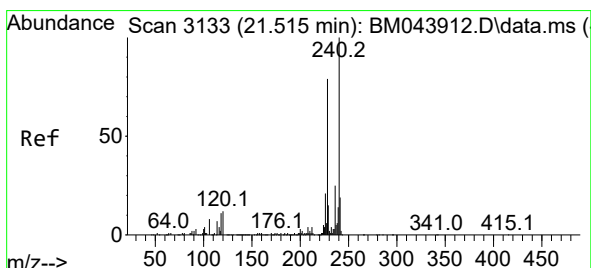
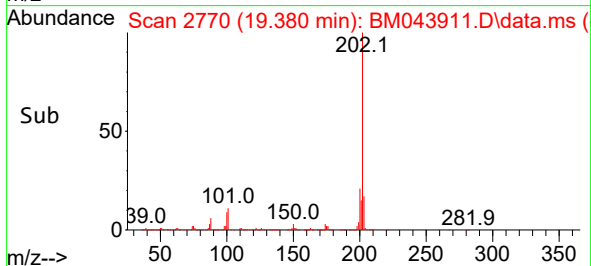
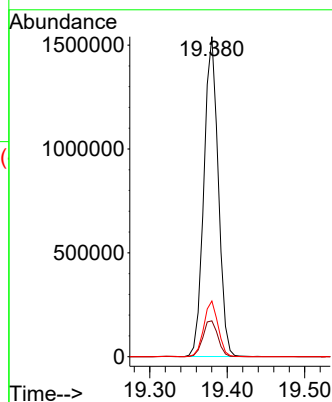
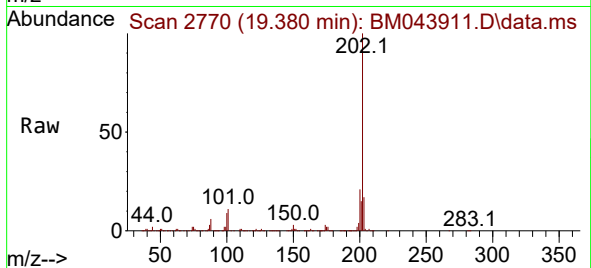
Tgt Ion:202 Resp: 1976630

Ion Ratio Lower Upper

202 100

101 11.2 0.0 31.7

203 17.4 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.515 min Scan# 3133

Delta R.T. 0.000 min

Lab File: BM043911.D

Acq: 26 Jan 2024 13:04

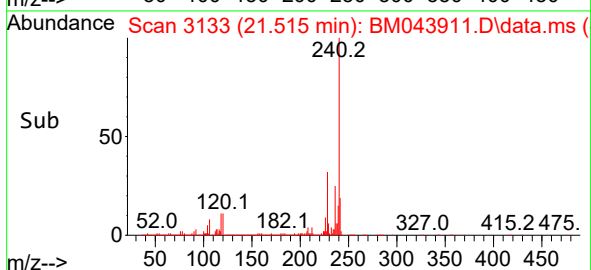
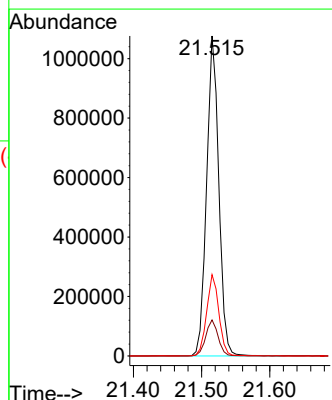
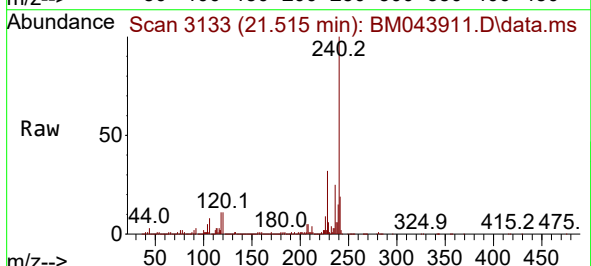
Tgt Ion:240 Resp: 1338027

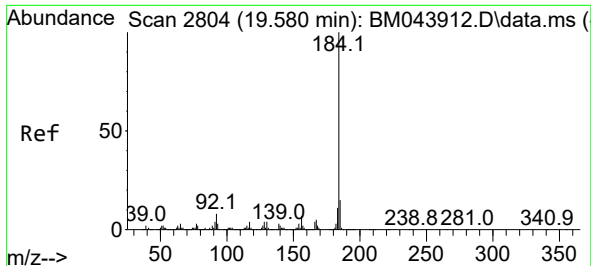
Ion Ratio Lower Upper

240 100

120 11.3 9.6 14.4

236 25.4 20.3 30.5

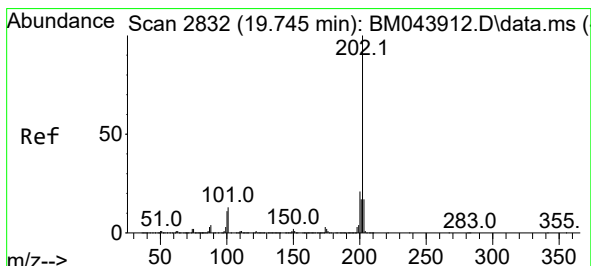
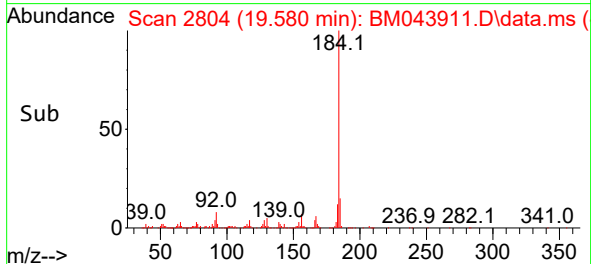
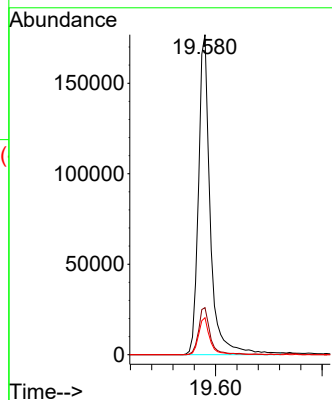
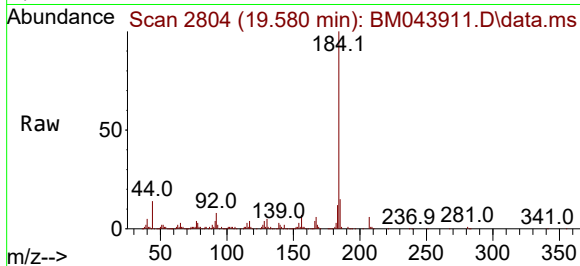




#77
Benzidine
Concen: 16.464 ng
RT: 19.580 min Scan# 2804
Delta R.T. 0.000 min
Lab File: BM043911.D
Acq: 26 Jan 2024 13:04

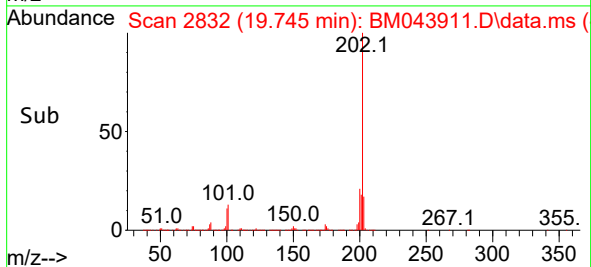
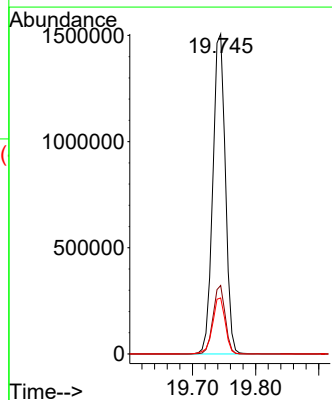
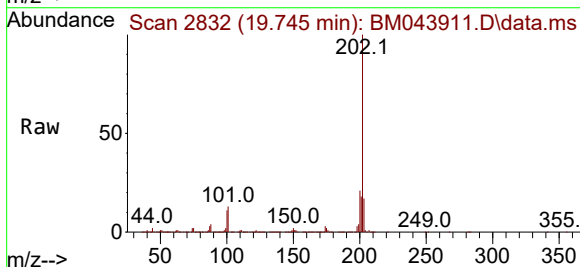
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

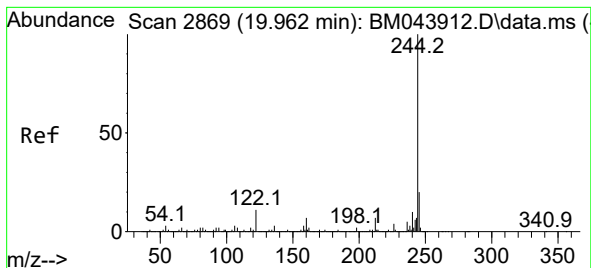
Tgt Ion:184 Resp: 272519
Ion Ratio Lower Upper
184 100
185 14.7 11.8 17.6
183 11.6 8.9 13.3



#78
Pyrene
Concen: 20.744 ng
RT: 19.745 min Scan# 2832
Delta R.T. -0.000 min
Lab File: BM043911.D
Acq: 26 Jan 2024 13:04

Tgt Ion:202 Resp: 2072963
Ion Ratio Lower Upper
202 100
200 21.4 16.8 25.2
203 17.5 13.9 20.9





#79

Terphenyl-d14

Concen: 42.934 ng

RT: 19.956 min Scan# 2868

Delta R.T. -0.006 min

Lab File: BM043911.D

Acq: 26 Jan 2024 13:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

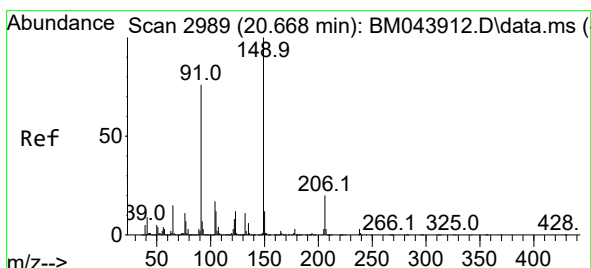
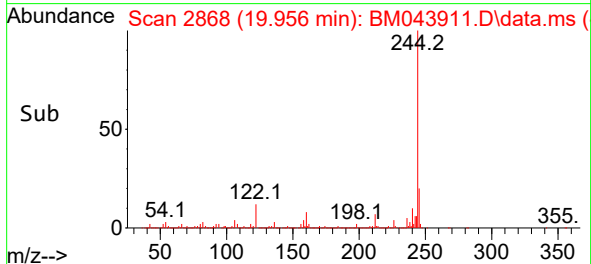
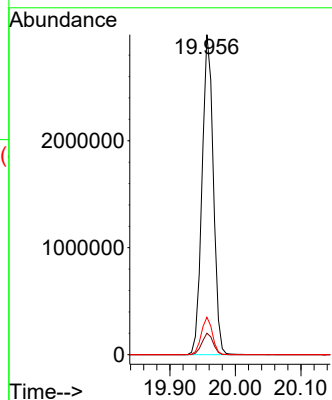
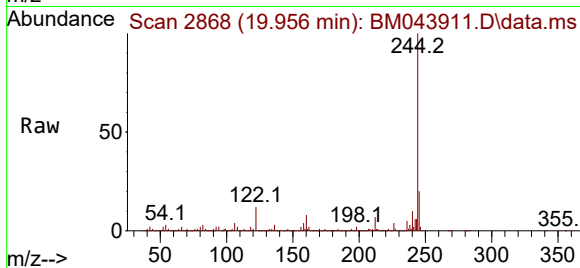
Tgt Ion:244 Resp: 3583485

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 11.7 8.5 12.7



#80

Butylbenzylphthalate

Concen: 19.032 ng

RT: 20.668 min Scan# 2989

Delta R.T. 0.000 min

Lab File: BM043911.D

Acq: 26 Jan 2024 13:04

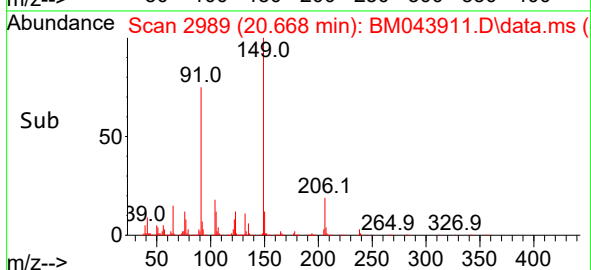
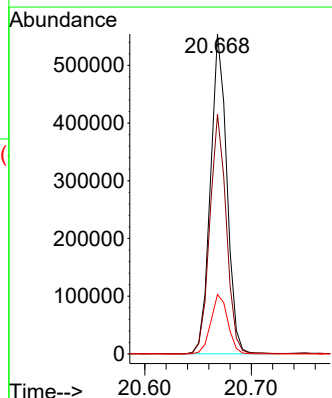
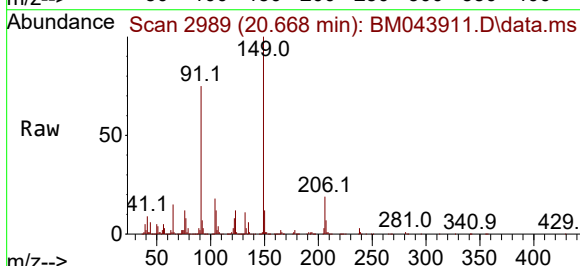
Tgt Ion:149 Resp: 590954

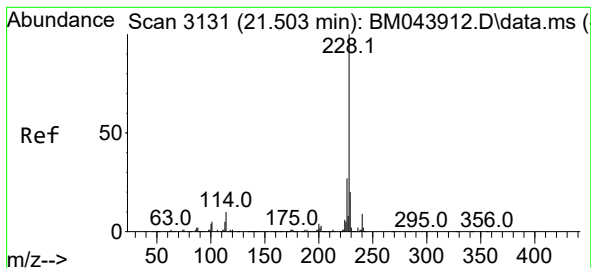
Ion Ratio Lower Upper

149 100

91 74.9 60.7 91.1

206 18.6 15.8 23.6





#81

Benzo(a)anthracene

Concen: 20.021 ng

RT: 21.498 min Scan# 31

Delta R.T. -0.005 min

Lab File: BM043911.D

Acq: 26 Jan 2024 13:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

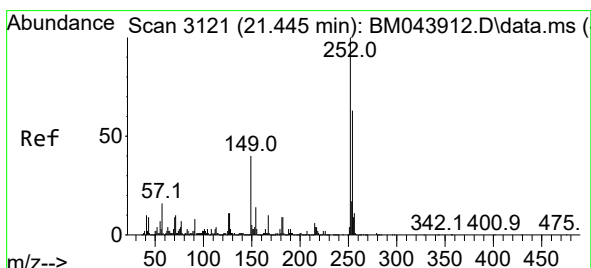
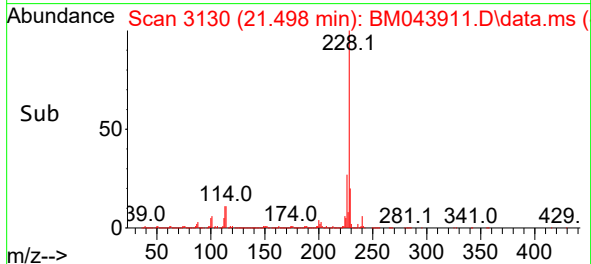
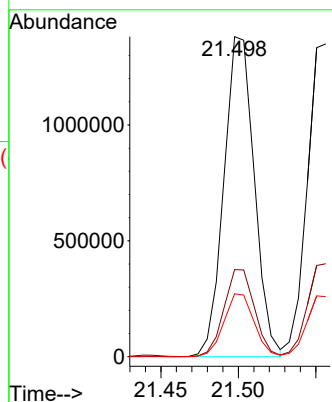
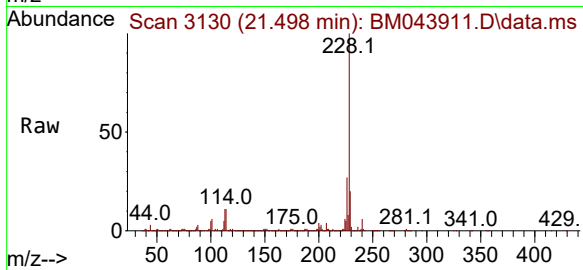
Tgt Ion:228 Resp: 1887409

Ion Ratio Lower Upper

228 100

226 27.2 21.9 32.9

229 19.6 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 18.439 ng

RT: 21.439 min Scan# 3120

Delta R.T. -0.006 min

Lab File: BM043911.D

Acq: 26 Jan 2024 13:04

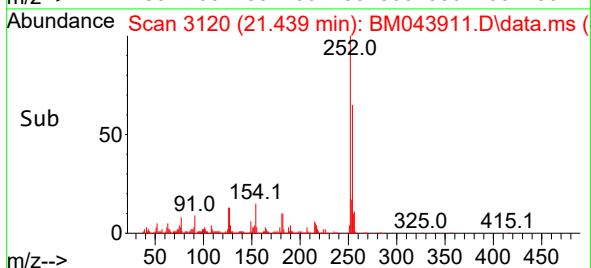
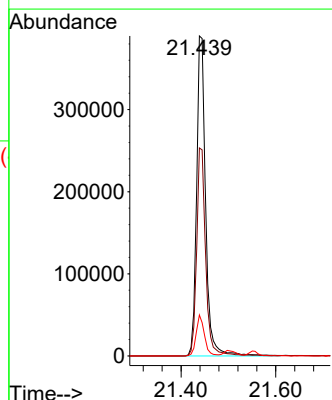
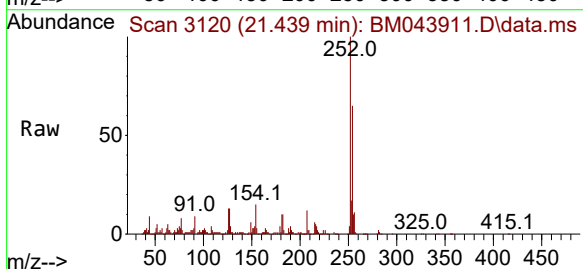
Tgt Ion:252 Resp: 518540

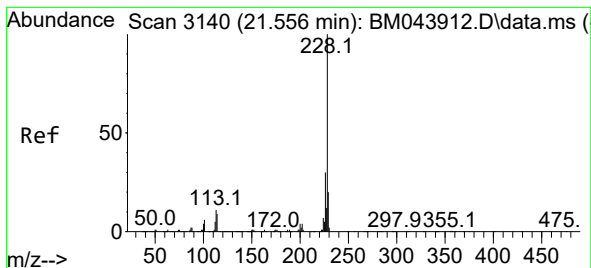
Ion Ratio Lower Upper

252 100

254 65.0 50.6 76.0

126 12.8 8.9 13.3





#83

Chrysene

Concen: 19.824 ng

RT: 21.556 min Scan# 3140

Delta R.T. 0.000 min

Lab File: BM043911.D

Acq: 26 Jan 2024 13:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

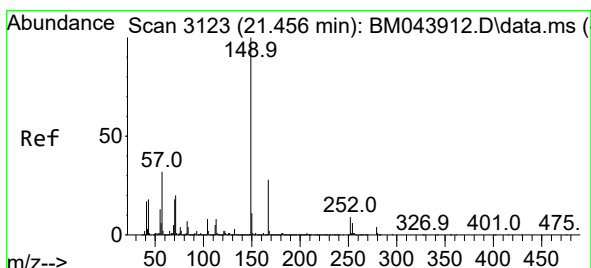
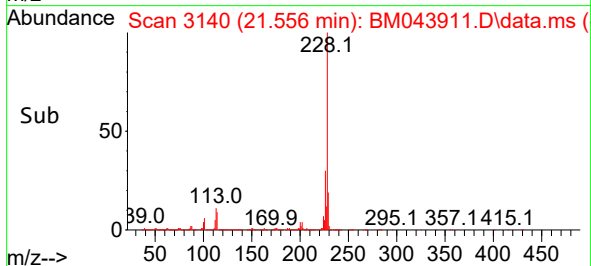
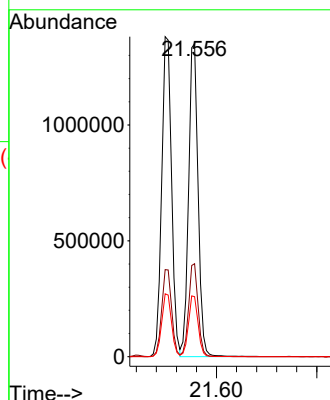
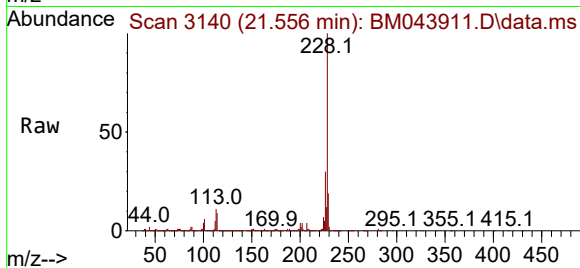
Tgt Ion:228 Resp: 1782697

Ion Ratio Lower Upper

228 100

226 29.7 24.2 36.2

229 19.2 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 19.352 ng

RT: 21.456 min Scan# 3123

Delta R.T. 0.000 min

Lab File: BM043911.D

Acq: 26 Jan 2024 13:04

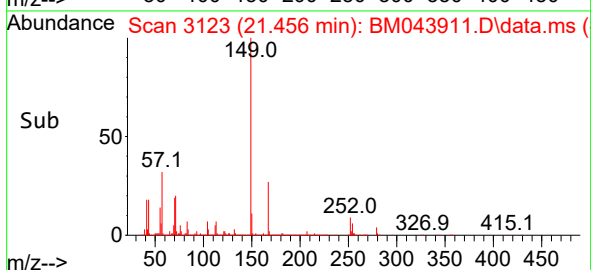
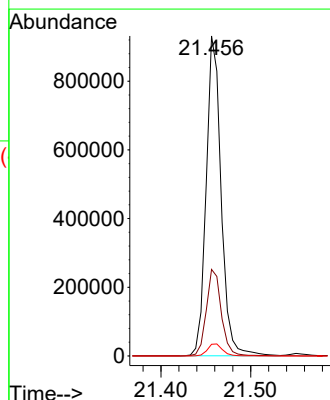
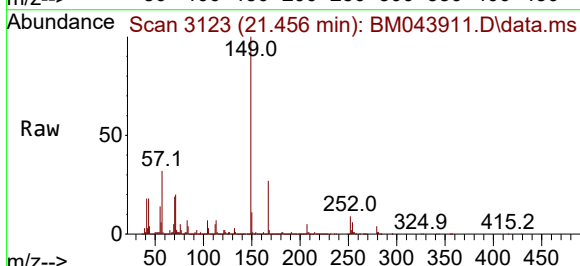
Tgt Ion:149 Resp: 1077599

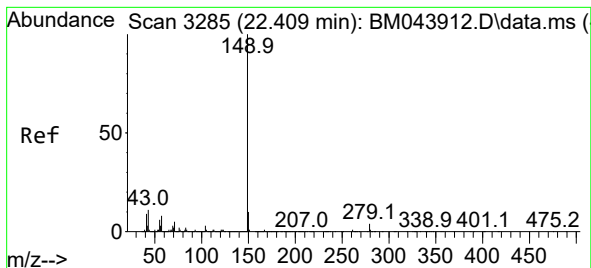
Ion Ratio Lower Upper

149 100

167 27.0 22.0 33.0

279 3.6 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 19.676 ng

RT: 22.409 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM043911.D

Acq: 26 Jan 2024 13:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

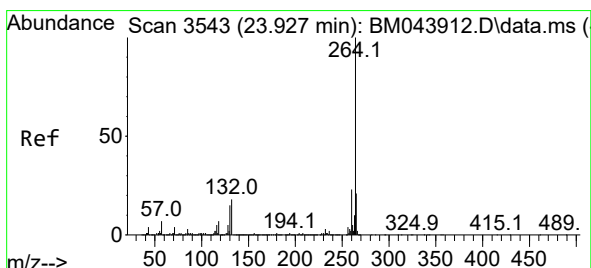
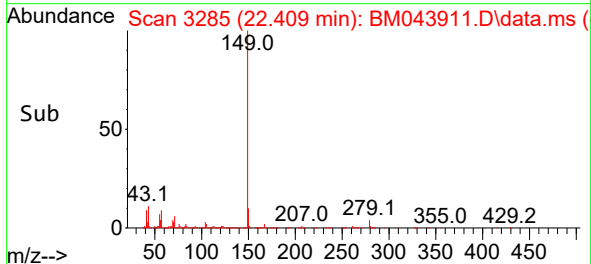
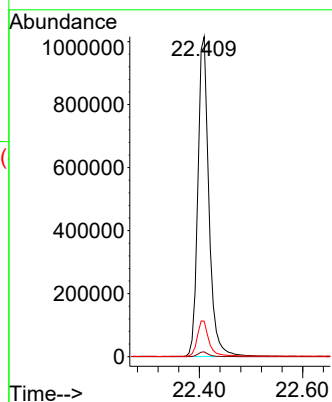
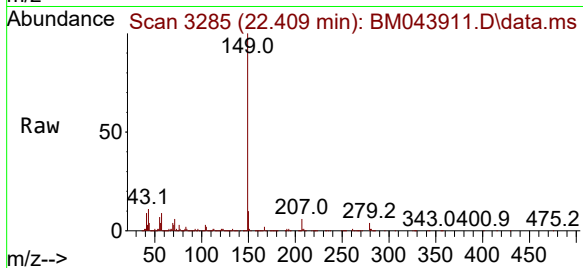
Tgt Ion:149 Resp: 1501757

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 12.0 9.1 13.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.927 min Scan# 3543

Delta R.T. 0.000 min

Lab File: BM043911.D

Acq: 26 Jan 2024 13:04

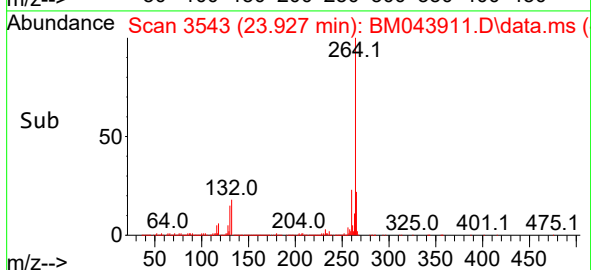
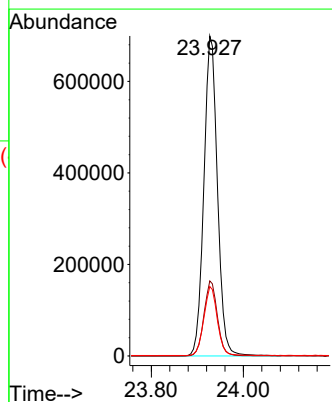
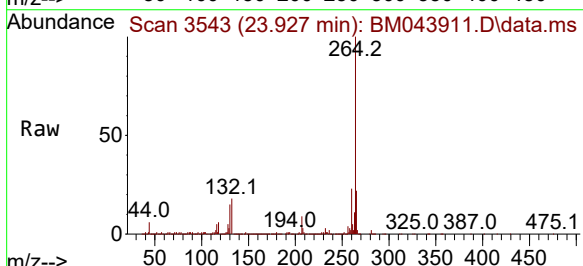
Tgt Ion:264 Resp: 1437729

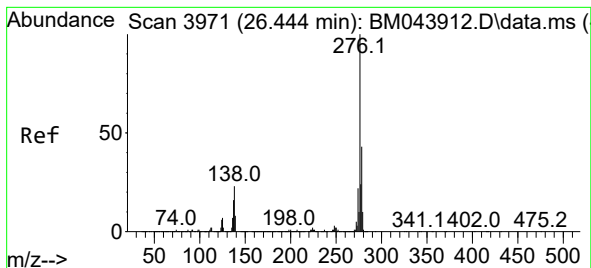
Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

265 21.7 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 19.937 ng

RT: 26.433 min Scan# 3969

Delta R.T. -0.012 min

Lab File: BM043911.D

Acq: 26 Jan 2024 13:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

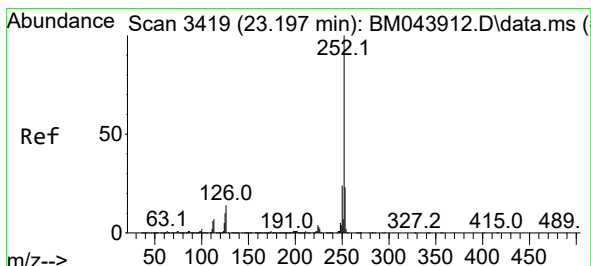
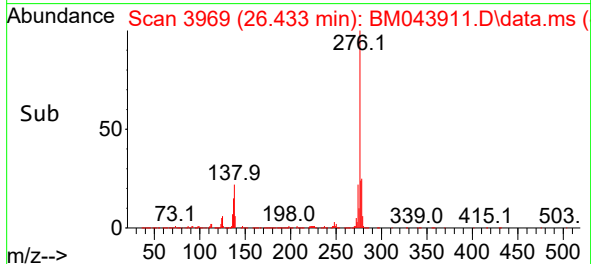
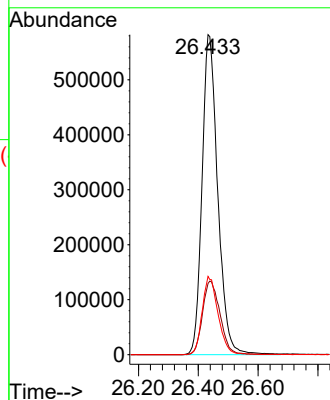
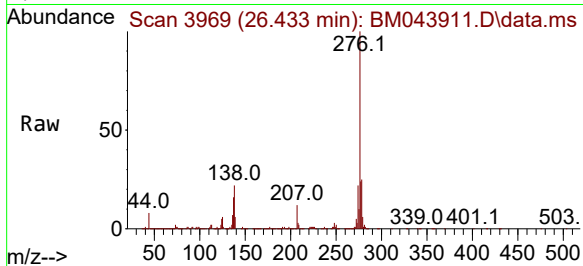
Tgt Ion:276 Resp: 2118309

Ion Ratio Lower Upper

276 100

138 25.8 20.8 31.2

277 24.8 19.8 29.8



#88

Benzo(b)fluoranthene

Concen: 19.603 ng

RT: 23.197 min Scan# 3419

Delta R.T. 0.000 min

Lab File: BM043911.D

Acq: 26 Jan 2024 13:04

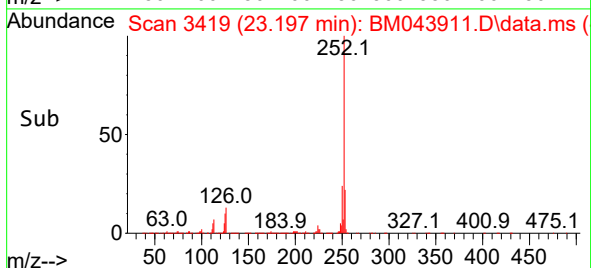
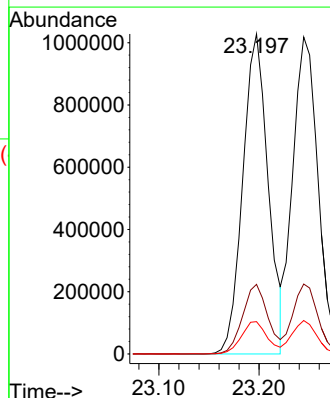
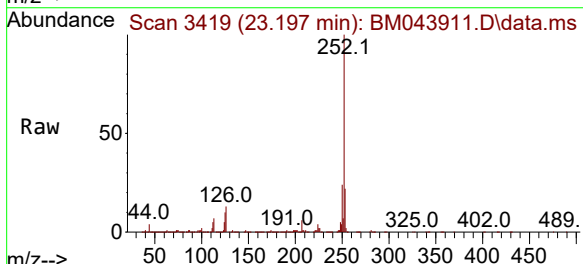
Tgt Ion:252 Resp: 1808358

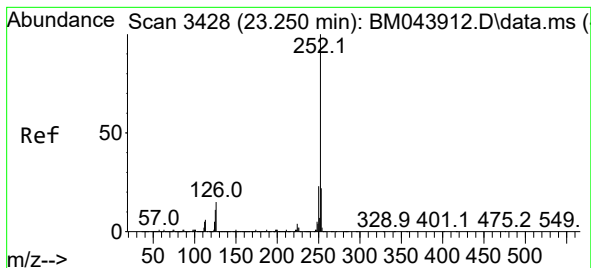
Ion Ratio Lower Upper

252 100

253 21.7 18.1 27.1

125 10.1 8.4 12.6





#89

Benzo(k)fluoranthene

Concen: 19.765 ng

RT: 23.244 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM043911.D

Acq: 26 Jan 2024 13:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

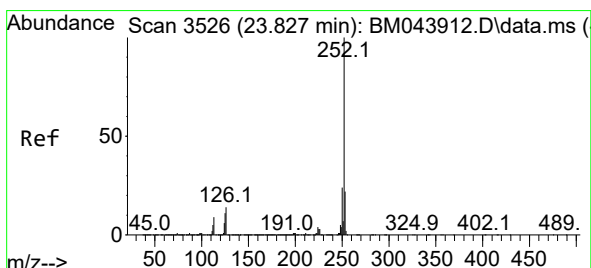
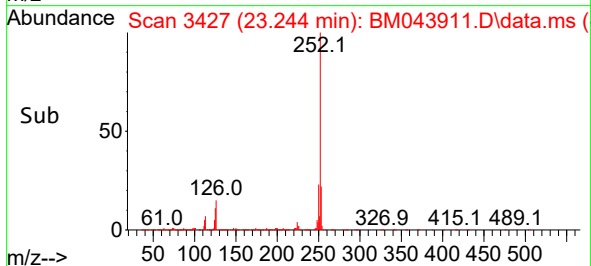
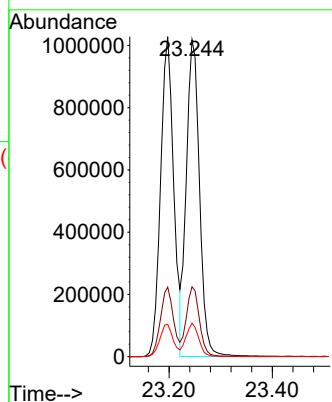
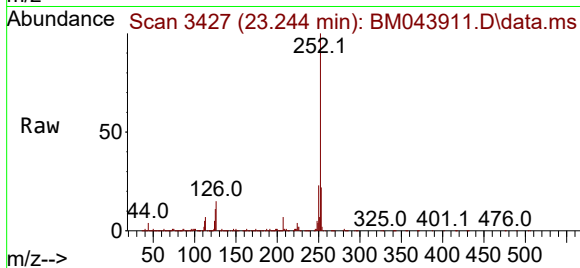
Tgt Ion:252 Resp: 1800596

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 10.5 8.2 12.4



#90

Benzo(a)pyrene

Concen: 19.641 ng

RT: 23.821 min Scan# 3525

Delta R.T. -0.006 min

Lab File: BM043911.D

Acq: 26 Jan 2024 13:04

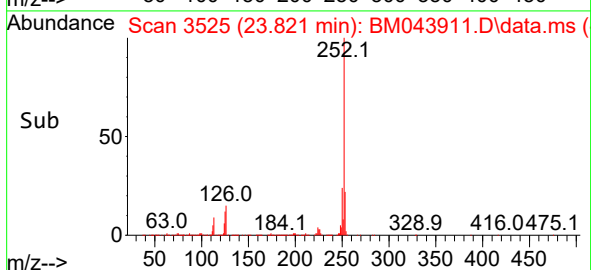
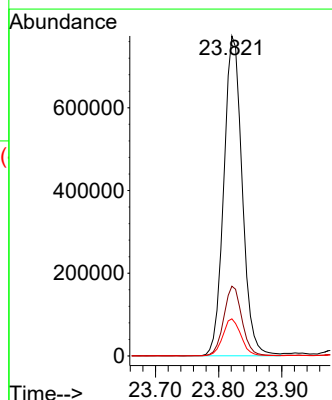
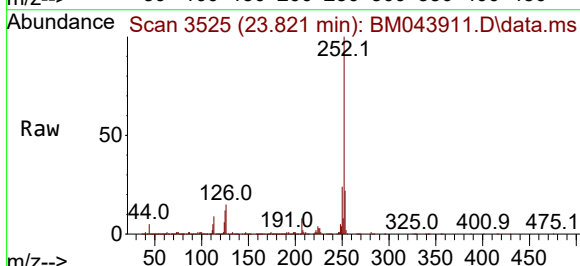
Tgt Ion:252 Resp: 1564986

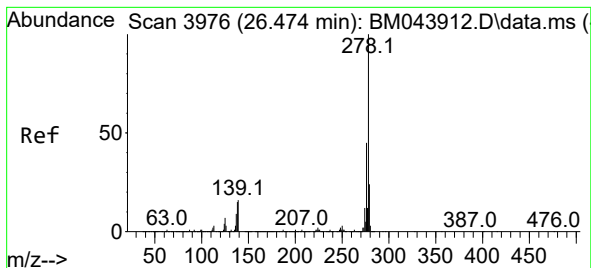
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 11.6 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 19.819 ng

RT: 26.462 min Scan# 3976

Delta R.T. -0.012 min

Lab File: BM043911.D

Acq: 26 Jan 2024 13:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

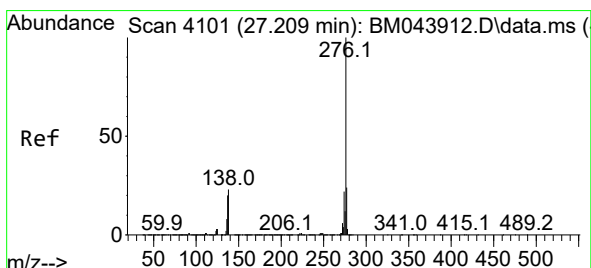
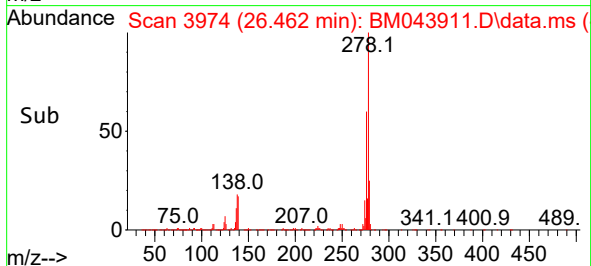
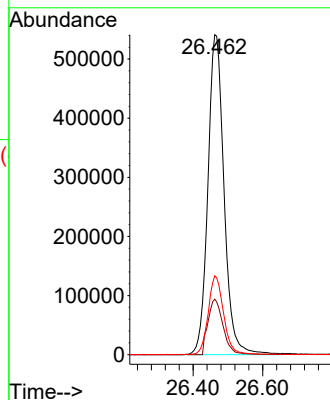
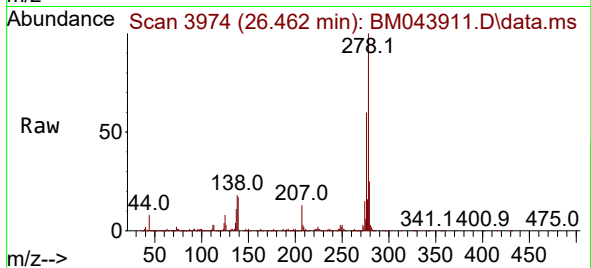
Tgt Ion:278 Resp: 1748720

Ion Ratio Lower Upper

278 100

139 17.4 13.0 19.6

279 24.6 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 19.894 ng

RT: 27.203 min Scan# 4100

Delta R.T. -0.006 min

Lab File: BM043911.D

Acq: 26 Jan 2024 13:04

Tgt Ion:276 Resp: 1744381

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 22.4 18.3 27.5

