

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102123\
 Data File : BM042391.D
 Acq On : 20 Oct 2023 23:20
 Operator : MA/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM102123

Quant Time: Oct 21 02:33:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 21 02:32:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	132429	20.000	ng	0.00
21) Naphthalene-d8	10.822	136	535152	20.000	ng	0.00
39) Acenaphthene-d10	14.645	164	284816	20.000	ng	0.00
64) Phenanthrene-d10	17.398	188	558514	20.000	ng	0.00
76) Chrysene-d12	21.580	240	519713	20.000	ng	0.00
86) Perylene-d12	24.044	264	542236	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	732031	78.124	ng	0.00
7) Phenol-d6	7.145	99	981757	78.184	ng	0.00
23) Nitrobenzene-d5	9.198	82	995370	82.247	ng	0.00
42) 2,4,6-Tribromophenol	16.139	330	251099	83.397	ng	0.00
45) 2-Fluorobiphenyl	13.269	172	1772059	83.783	ng	0.00
79) Terphenyl-d14	20.009	244	2512488	85.737	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.393	88	165694	37.553	ng	98
3) Pyridine	3.810	79	492390	38.037	ng	97
4) n-Nitrosodimethylamine	3.740	42	248669	38.047	ng	96
6) Aniline	7.340	93	626812	39.206	ng	99
8) 2-Chlorophenol	7.551	128	369580	39.750	ng	99
9) Benzaldehyde	7.157	77	276261	37.773	ng	99
10) Phenol	7.175	94	504574	38.888	ng	100
11) bis(2-Chloroethyl)ether	7.434	93	412340	38.707	ng	99
12) 1,3-Dichlorobenzene	7.881	146	374503	38.942	ng	99
13) 1,4-Dichlorobenzene	8.034	146	380476	39.303	ng	99
14) 1,2-Dichlorobenzene	8.345	146	366107	39.386	ng	100
15) Benzyl Alcohol	8.257	79	370100	39.759	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.528	45	652186	38.692	ng	99
17) 2-Methylphenol	8.439	107	342158	39.962	ng	99
18) Hexachloroethane	9.063	117	149410	40.091	ng	98
19) n-Nitroso-di-n-propyla...	8.816	70	345141	40.553	ng	99
20) 3+4-Methylphenols	8.769	107	460819	40.126	ng	100
22) Acetophenone	8.851	105	598708	41.008	ng	# 98
24) Nitrobenzene	9.239	77	496584	41.014	ng	100
25) Isophorone	9.751	82	866218	42.117	ng	99
26) 2-Nitrophenol	9.945	139	187244	40.623	ng	97
27) 2,4-Dimethylphenol	9.981	122	349567	41.902	ng	100
28) bis(2-Chloroethoxy)met...	10.239	93	536057	41.139	ng	99
29) 2,4-Dichlorophenol	10.463	162	312983	43.141	ng	96
30) 1,2,4-Trichlorobenzene	10.675	180	324998	41.787	ng	96
31) Naphthalene	10.875	128	1123844	40.885	ng	99
32) Benzoic acid	10.104	122	243845	40.855	ng	94
33) 4-Chloroaniline	11.010	127	500828	41.965	ng	99
34) Hexachlorobutadiene	11.098	225	179737	42.707	ng	99
35) Caprolactam	11.827	113	109928	39.386	ng	99
36) 4-Chloro-3-methylphenol	12.098	107	369965	42.259	ng	99
37) 2-Methylnaphthalene	12.475	142	771750	41.708	ng	99
38) 1-Methylnaphthalene	12.692	142	722784	41.696	ng	100
40) 1,2,4,5-Tetrachloroben...	12.822	216	356505	43.297	ng	99
41) Hexachlorocyclopentadiene	12.769	237	175462	41.630	ng	99
43) 2,4,6-Trichlorophenol	13.074	196	234008	43.902	ng	98

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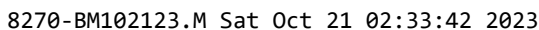
Instrument :
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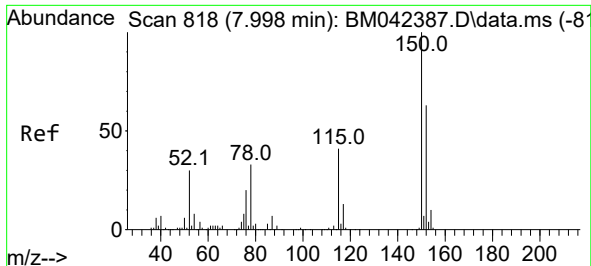
Quant Time: Oct 21 02:33:37 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.145	196	277208	43.995	ng	98
46) 1,1'-Biphenyl	13.480	154	939311	41.572	ng	99
47) 2-Chloronaphthalene	13.527	162	688879	41.557	ng	99
48) 2-Nitroaniline	13.763	65	282192	39.249	ng	99
49) Acenaphthylene	14.374	152	1130949	42.260	ng	100
50) Dimethylphthalate	14.110	163	874282	41.849	ng	100
51) 2,6-Dinitrotoluene	14.251	165	186294	40.005	ng	98
52) Acenaphthene	14.710	154	670956	41.470	ng	100
53) 3-Nitroaniline	14.592	138	218271	39.634	ng	96
54) 2,4-Dinitrophenol	14.792	184	102592	39.694	ng	98
55) Dibenzofuran	15.045	168	1057259	41.315	ng	99
56) 4-Nitrophenol	14.868	139	177665	41.755	ng	97
57) 2,4-Dinitrotoluene	15.033	165	244944	39.601	ng	94
58) Fluorene	15.692	166	842168	41.705	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.257	232	209082	44.171	ng	97
60) Diethylphthalate	15.457	149	871859	42.290	ng	100
61) 4-Chlorophenyl-phenylether	15.680	204	407304	42.829	ng	98
62) 4-Nitroaniline	15.757	138	211912	40.158	ng	97
63) Azobenzene	15.974	77	1046886	42.325	ng	99
65) 4,6-Dinitro-2-methylph...	15.780	198	139884	40.325	ng	95
66) n-Nitrosodiphenylamine	15.910	169	721183	42.871	ng	99
67) 4-Bromophenyl-phenylether	16.580	248	231126	44.650	ng	99
68) Hexachlorobenzene	16.662	284	240339	43.437	ng	98
69) Atrazine	16.851	200	192627	45.154	ng	99
70) Pentachlorophenol	17.027	266	174631	40.963	ng	100
71) Phenanthrene	17.439	178	1285443	42.307	ng	100
72) Anthracene	17.533	178	1292761	42.962	ng	99
73) Carbazole	17.815	167	1215118	43.045	ng	99
74) Di-n-butylphthalate	18.339	149	1430897	40.497	ng	100
75) Fluoranthene	19.451	202	1452567	43.409	ng	99
77) Benzidine	19.656	184	263083	34.997	ng	100
78) Pyrene	19.815	202	1521319	41.890	ng	100
80) Butylbenzylphthalate	20.698	149	640125	39.503	ng	96
81) Benzo(a)anthracene	21.562	228	1466365	42.088	ng	100
82) 3,3'-Dichlorobenzidine	21.503	252	450387	43.304	ng	98
83) Chrysene	21.615	228	1399353	41.818	ng	99
84) Bis(2-ethylhexyl)phtha...	21.439	149	926763	40.189	ng	100
85) Di-n-octyl phthalate	22.386	149	1575425	39.843	ng	99
87) Indeno(1,2,3-cd)pyrene	26.644	276	1607037	40.555	ng	99
88) Benzo(b)fluoranthene	23.280	252	1375937	42.157	ng	99
89) Benzo(k)fluoranthene	23.333	252	1369326	40.410	ng	99
90) Benzo(a)pyrene	23.938	252	1308615	41.656	ng	100
91) Dibenzo(a,h)anthracene	26.662	278	1336582	40.568	ng	100
92) Benzo(g,h,i)perylene	27.456	276	1319875	41.251	ng	97

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

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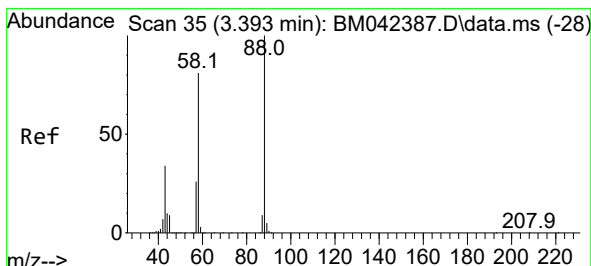
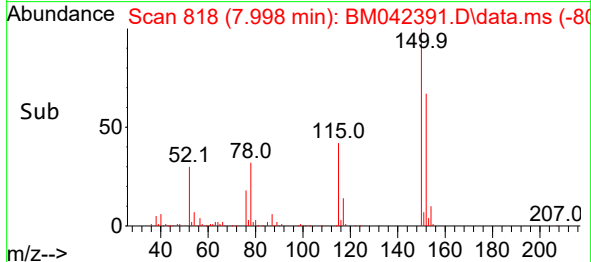
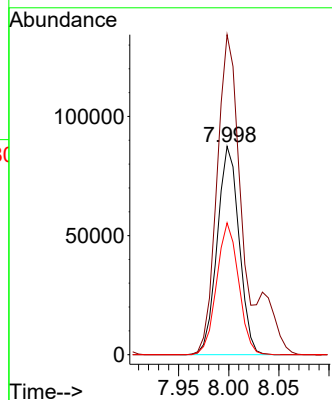
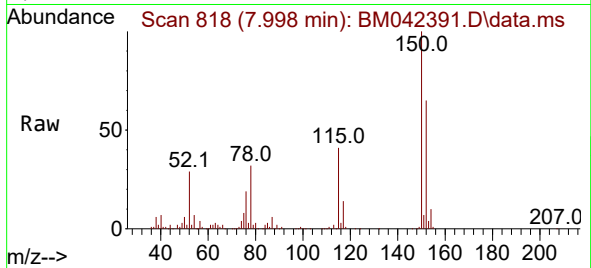




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.998 min Scan# 818
 Delta R.T. 0.000 min
 Lab File: BM042391.D
 Acq: 20 Oct 2023 23:20

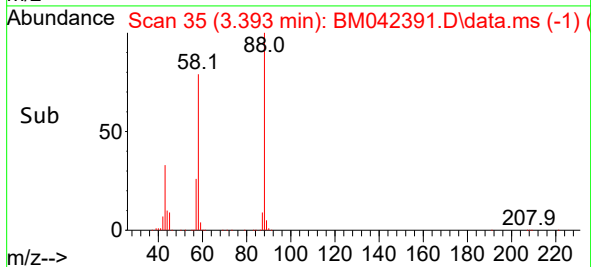
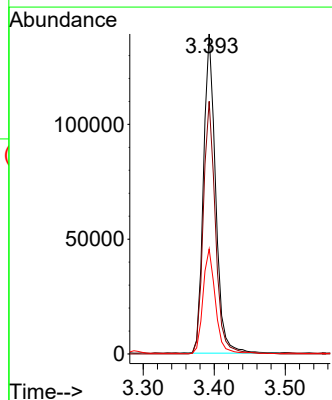
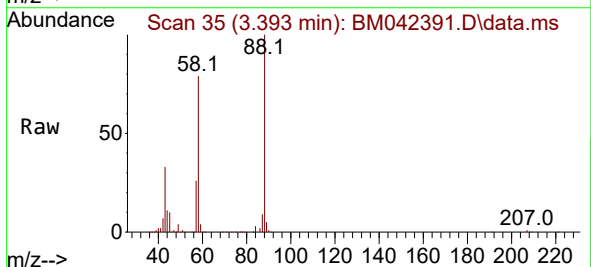
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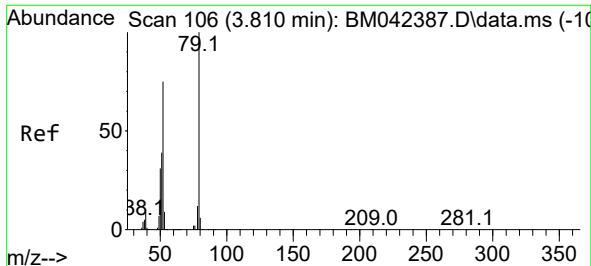
Tgt Ion:152 Resp: 132429
 Ion Ratio Lower Upper
 152 100
 150 153.7 126.2 189.4
 115 63.3 51.9 77.9



#2
 1,4-Dioxane
 Concen: 37.553 ng
 RT: 3.393 min Scan# 35
 Delta R.T. -0.000 min
 Lab File: BM042391.D
 Acq: 20 Oct 2023 23:20

Tgt Ion: 88 Resp: 165694
 Ion Ratio Lower Upper
 88 100
 58 79.4 64.9 97.3
 43 33.2 27.8 41.8

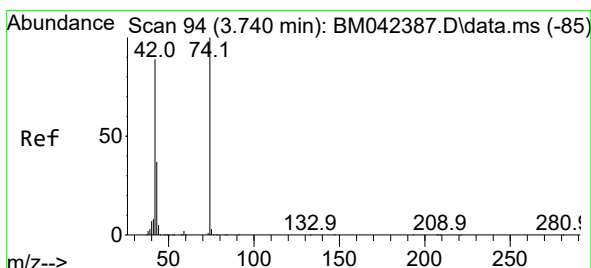
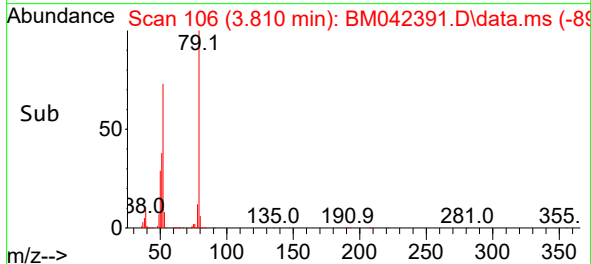
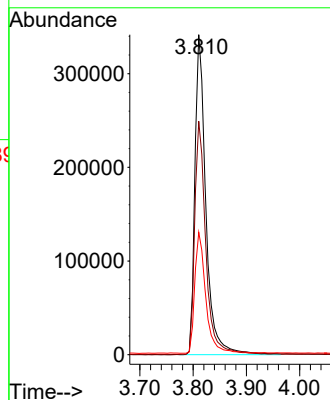
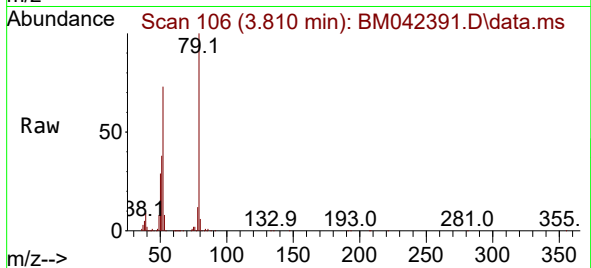




#3
Pyridine
Concen: 38.037 ng
RT: 3.810 min Scan# 106
Delta R.T. -0.000 min
Lab File: BM042391.D
Acq: 20 Oct 2023 23:20

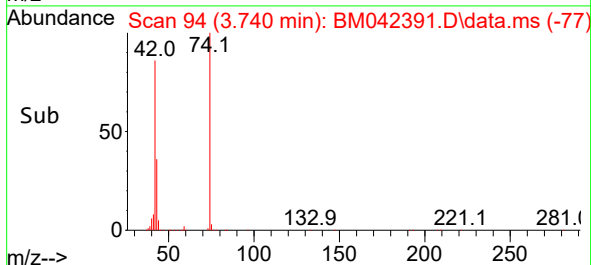
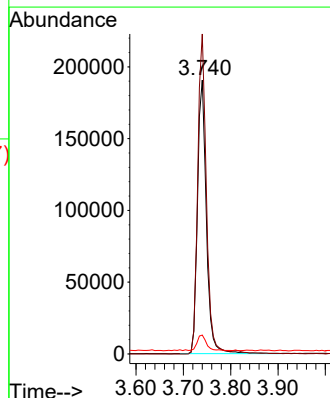
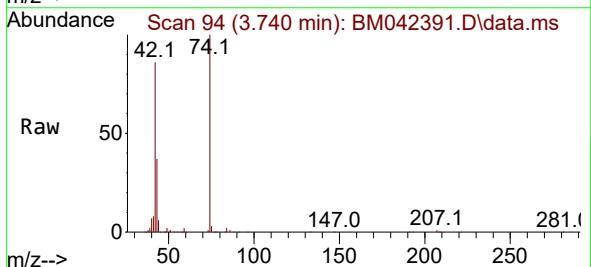
Instrument :
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ClientSampleId :
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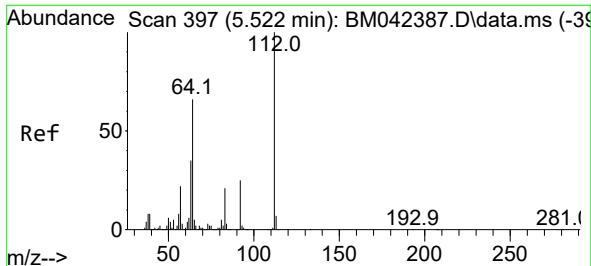
Tgt Ion: 79 Resp: 492390
Ion Ratio Lower Upper
79 100
52 72.9 60.3 90.5
51 38.2 32.0 48.0



#4
n-Nitrosodimethylamine
Concen: 38.047 ng
RT: 3.740 min Scan# 94
Delta R.T. -0.000 min
Lab File: BM042391.D
Acq: 20 Oct 2023 23:20

Tgt Ion: 42 Resp: 248669
Ion Ratio Lower Upper
42 100
74 116.8 89.4 134.2
44 6.9 5.4 8.0

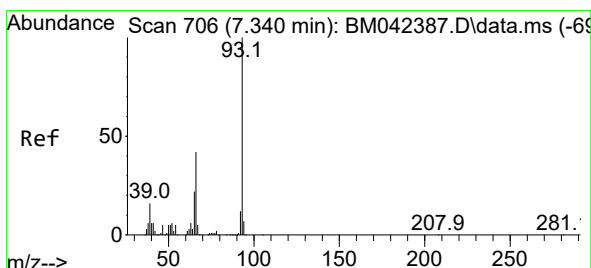
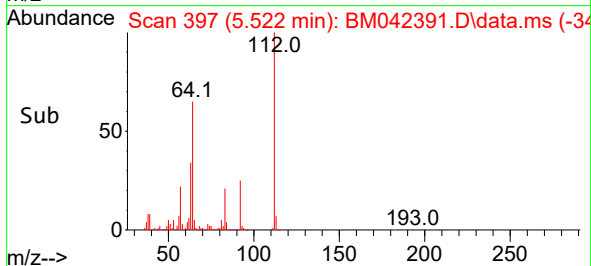
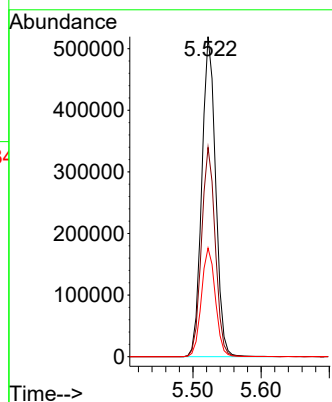
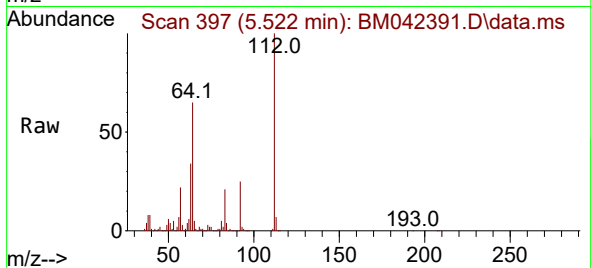




#5
2-Fluorophenol
Concen: 78.124 ng
RT: 5.522 min Scan# 397
Delta R.T. 0.000 min
Lab File: BM042391.D
Acq: 20 Oct 2023 23:20

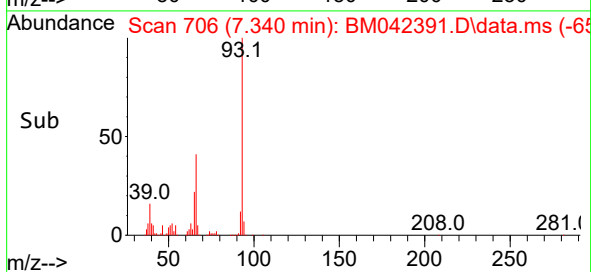
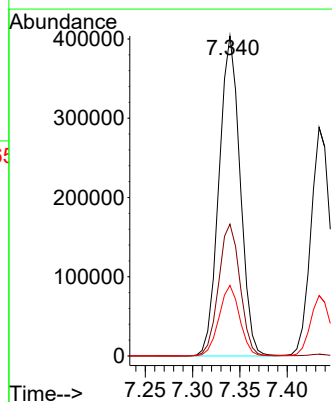
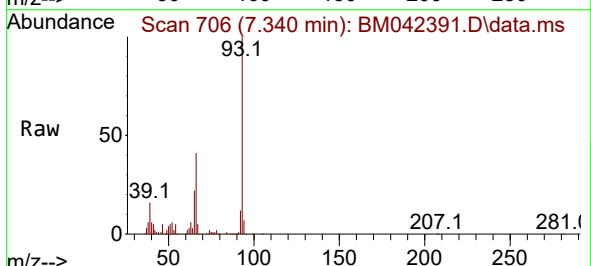
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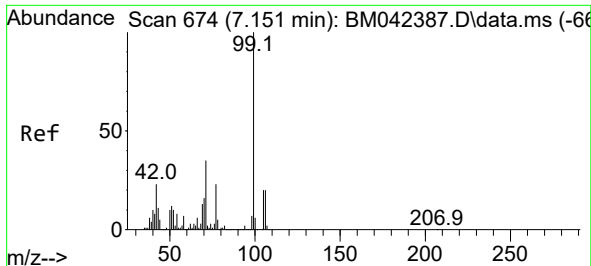
Tgt Ion:112 Resp: 732031
Ion Ratio Lower Upper
112 100
64 65.4 52.7 79.1
63 33.9 28.3 42.5



#6
Aniline
Concen: 39.206 ng
RT: 7.340 min Scan# 706
Delta R.T. -0.000 min
Lab File: BM042391.D
Acq: 20 Oct 2023 23:20

Tgt Ion: 93 Resp: 626812
Ion Ratio Lower Upper
93 100
66 41.2 33.8 50.8
65 22.1 17.4 26.2

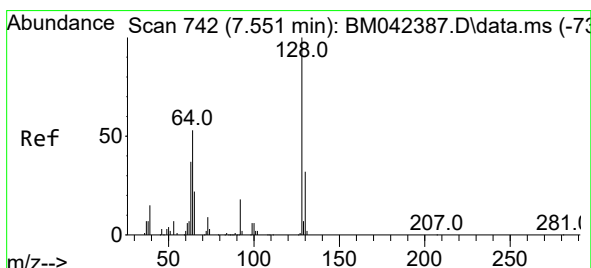
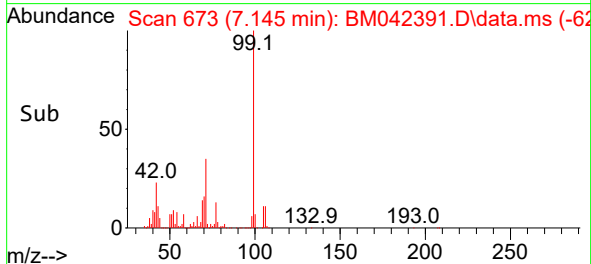
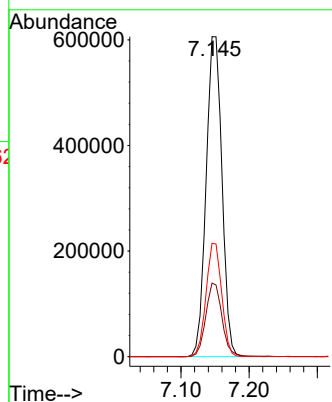
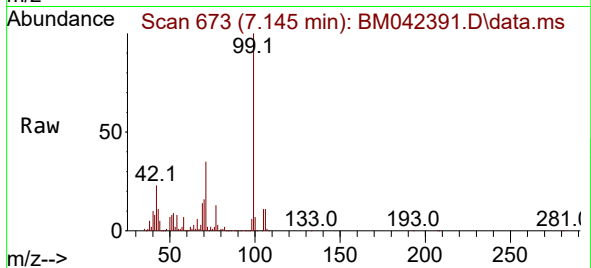




#7
Phenol-d6
Concen: 78.184 ng
RT: 7.145 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042391.D
Acq: 20 Oct 2023 23:20

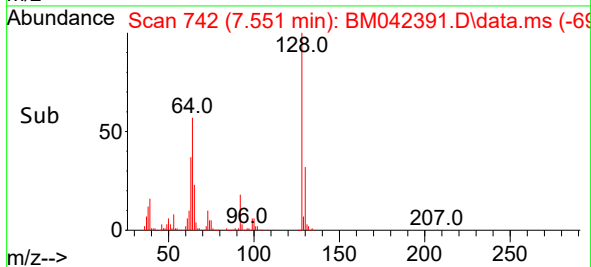
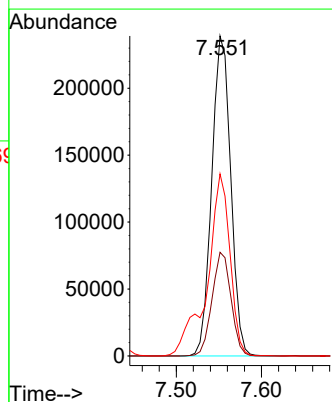
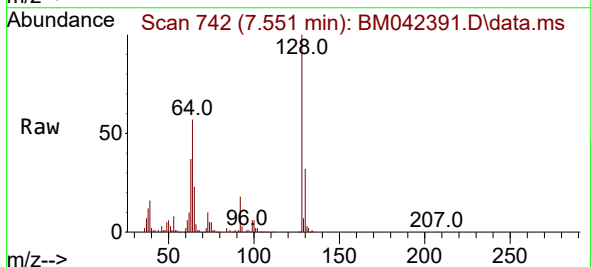
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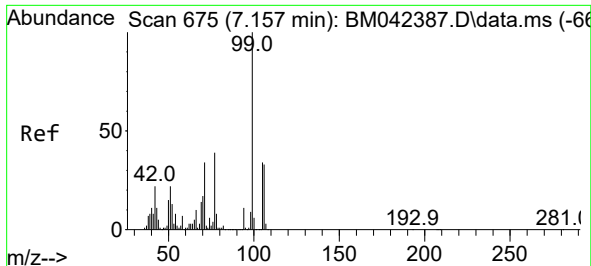
Tgt Ion: 99 Resp: 981757
Ion Ratio Lower Upper
99 100
42 23.0 18.5 27.7
71 35.4 27.7 41.5



#8
2-Chlorophenol
Concen: 39.750 ng
RT: 7.551 min Scan# 742
Delta R.T. 0.000 min
Lab File: BM042391.D
Acq: 20 Oct 2023 23:20

Tgt Ion:128 Resp: 369580
Ion Ratio Lower Upper
128 100
130 32.4 12.1 52.1
64 56.9 38.2 78.2

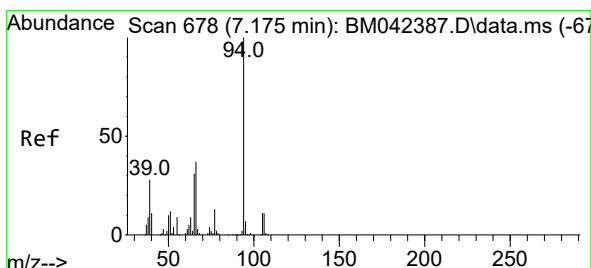
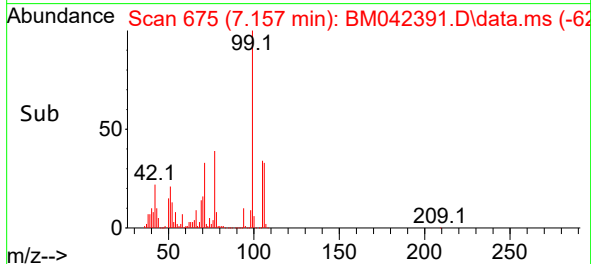
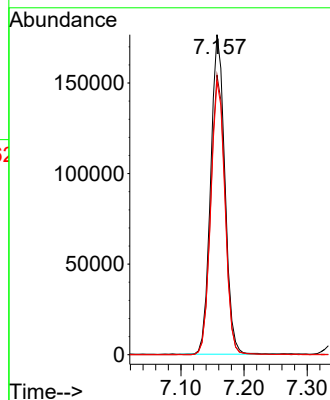
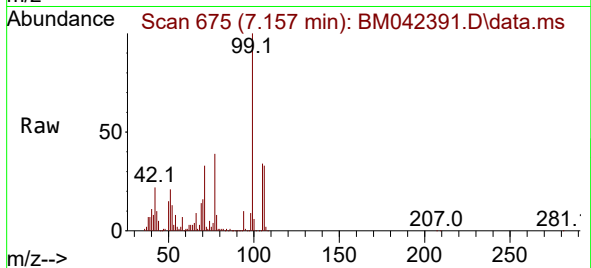




#9
Benzaldehyde
Concen: 37.773 ng
RT: 7.157 min Scan# 675
Delta R.T. 0.000 min
Lab File: BM042391.D
Acq: 20 Oct 2023 23:20

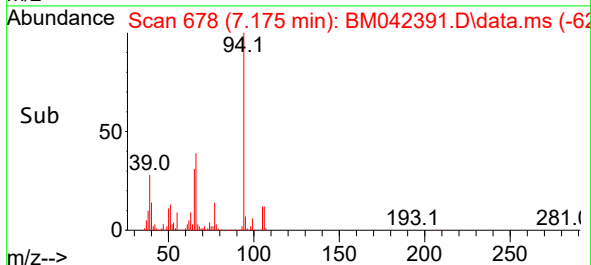
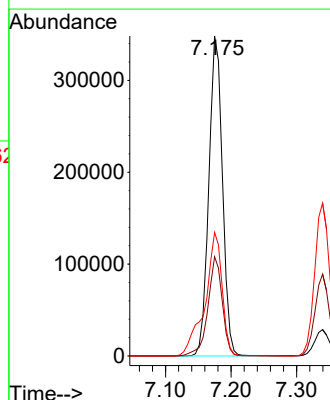
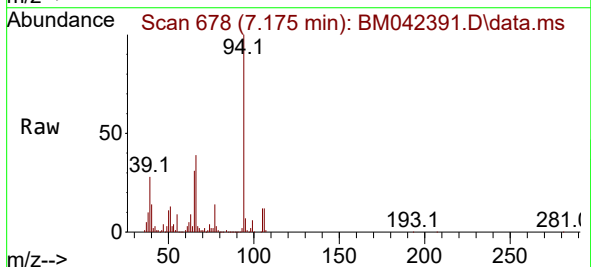
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ClientSampleId :
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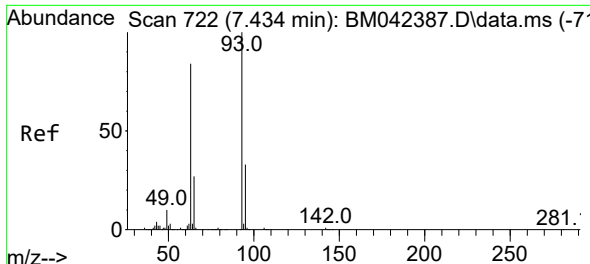
Tgt Ion: 77 Resp: 276261
Ion Ratio Lower Upper
77 100
105 87.4 68.7 108.7
106 85.4 65.8 105.8



#10
Phenol
Concen: 38.888 ng
RT: 7.175 min Scan# 678
Delta R.T. -0.000 min
Lab File: BM042391.D
Acq: 20 Oct 2023 23:20

Tgt Ion: 94 Resp: 504574
Ion Ratio Lower Upper
94 100
65 31.0 10.9 50.9
66 38.6 18.2 58.2

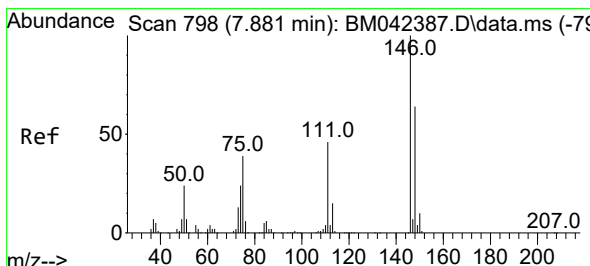
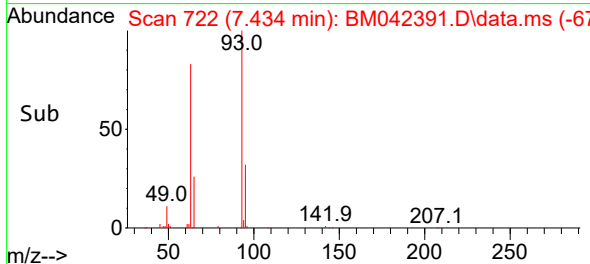
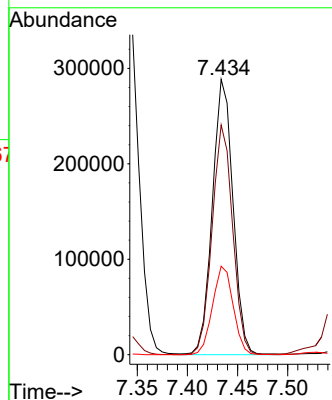
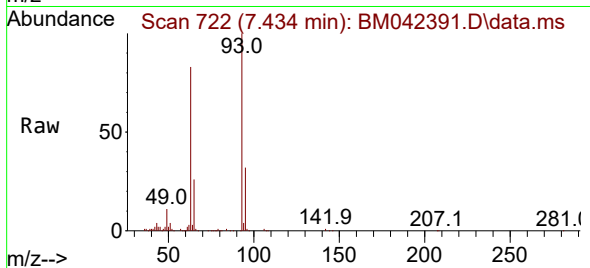




#11
bis(2-Chloroethyl)ether
Concen: 38.707 ng
RT: 7.434 min Scan# 722
Delta R.T. -0.000 min
Lab File: BM042391.D
Acq: 20 Oct 2023 23:20

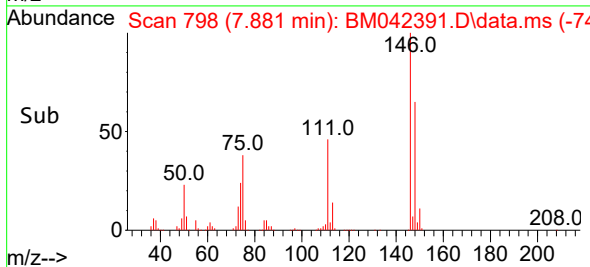
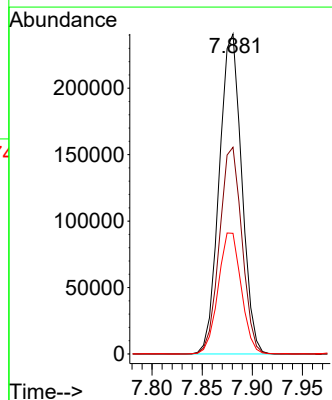
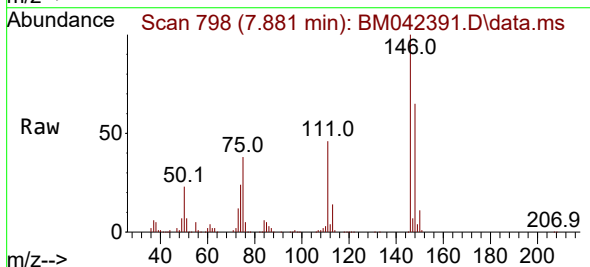
Instrument :
BNA_M
ClientSampleId :
ICVBM102123

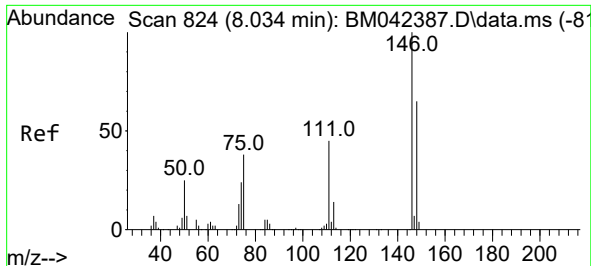
Tgt Ion: 93 Resp: 412340
Ion Ratio Lower Upper
93 100
63 83.4 64.2 104.2
95 32.2 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 38.942 ng
RT: 7.881 min Scan# 798
Delta R.T. -0.000 min
Lab File: BM042391.D
Acq: 20 Oct 2023 23:20

Tgt Ion:146 Resp: 374503
Ion Ratio Lower Upper
146 100
148 64.6 51.4 77.2
75 37.7 30.9 46.3

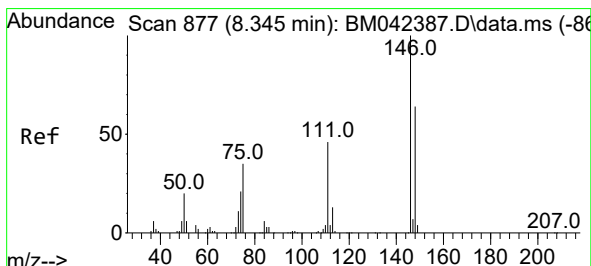
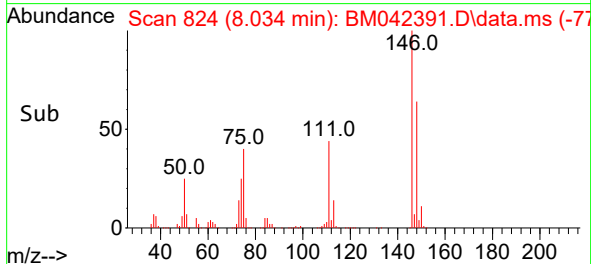
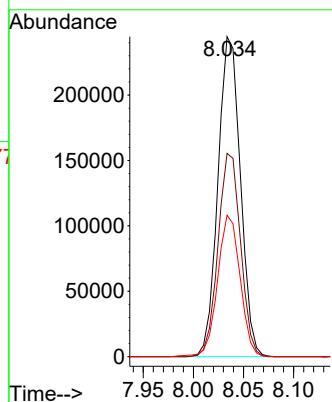
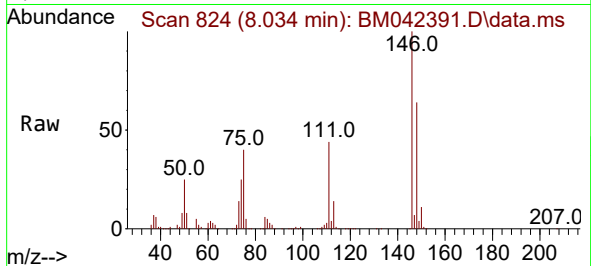




#13
1,4-Dichlorobenzene
Concen: 39.303 ng
RT: 8.034 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM042391.D
Acq: 20 Oct 2023 23:20

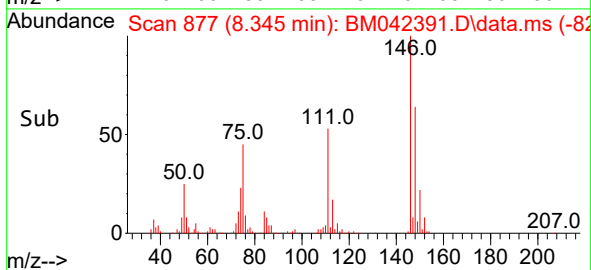
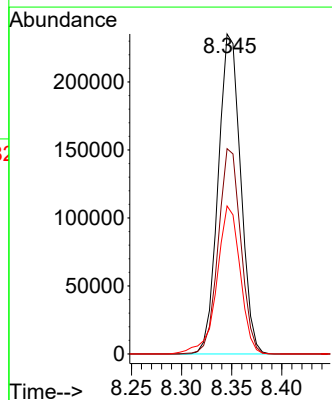
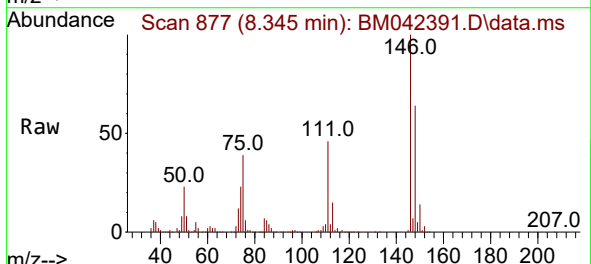
Instrument :
BNA_M
ClientSampleId :
ICVBM102123

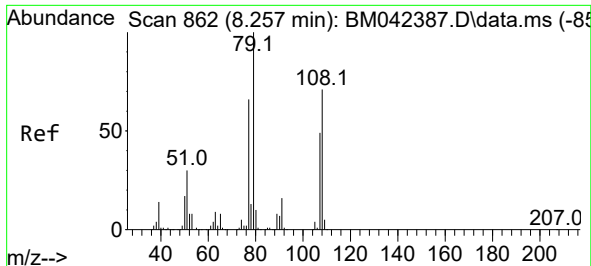
Tgt Ion:146 Resp: 380476
Ion Ratio Lower Upper
146 100
148 63.5 51.8 77.6
111 44.2 35.9 53.9



#14
1,2-Dichlorobenzene
Concen: 39.386 ng
RT: 8.345 min Scan# 877
Delta R.T. -0.000 min
Lab File: BM042391.D
Acq: 20 Oct 2023 23:20

Tgt Ion:146 Resp: 366107
Ion Ratio Lower Upper
146 100
148 64.1 51.0 76.4
111 46.3 37.2 55.8

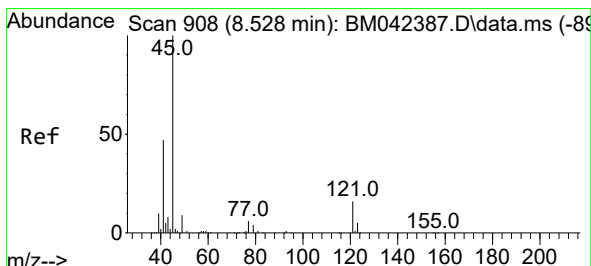
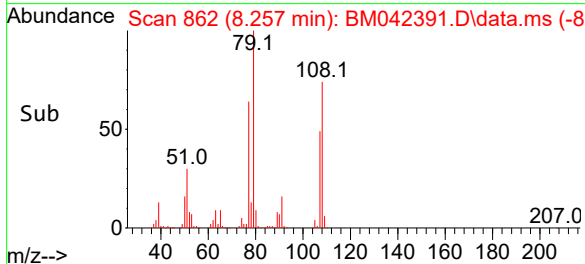
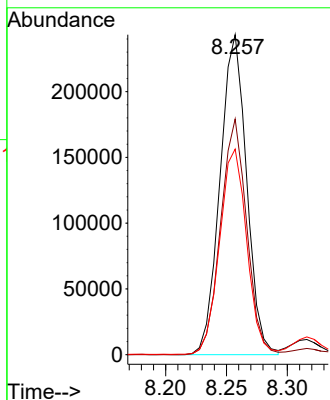
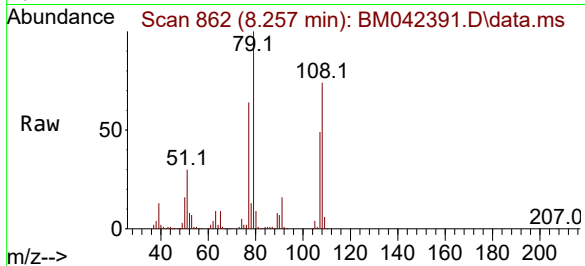




#15
Benzyl Alcohol
Concen: 39.759 ng
RT: 8.257 min Scan# 862
Delta R.T. -0.000 min
Lab File: BM042391.D
Acq: 20 Oct 2023 23:20

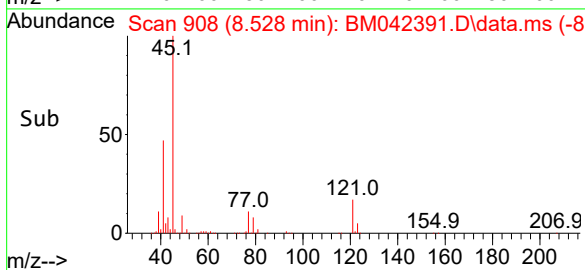
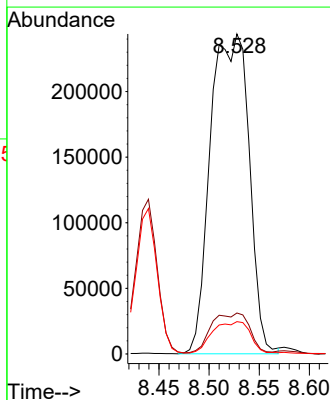
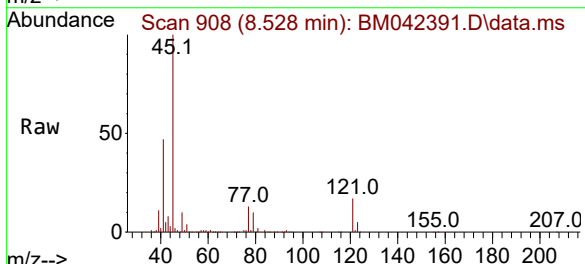
Instrument :
BNA_M
ClientSampleId :
ICVBM102123

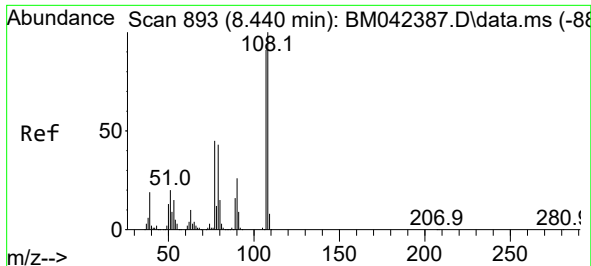
Tgt Ion: 79 Resp: 370100
Ion Ratio Lower Upper
79 100
108 73.7 57.1 85.7
77 64.2 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.692 ng
RT: 8.528 min Scan# 908
Delta R.T. -0.000 min
Lab File: BM042391.D
Acq: 20 Oct 2023 23:20

Tgt Ion: 45 Resp: 652186
Ion Ratio Lower Upper
45 100
77 12.8 0.0 32.2
79 10.1 0.0 30.4

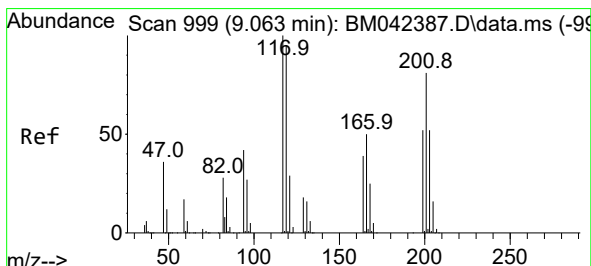
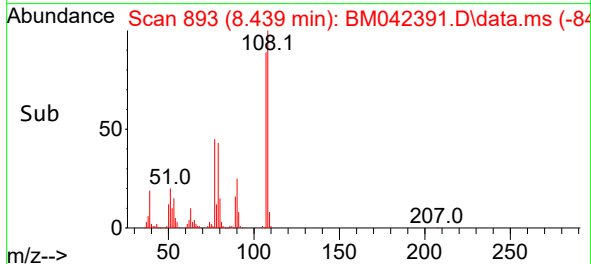
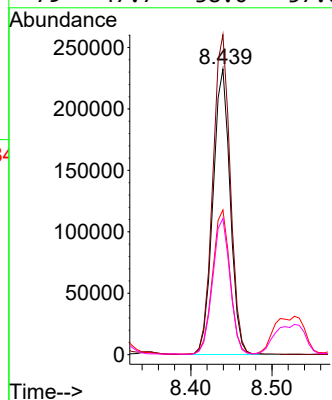
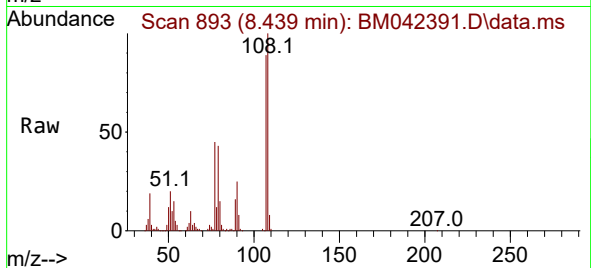




#17
2-Methylphenol
Concen: 39.962 ng
RT: 8.439 min Scan# 893
Delta R.T. -0.000 min
Lab File: BM042391.D
Acq: 20 Oct 2023 23:20

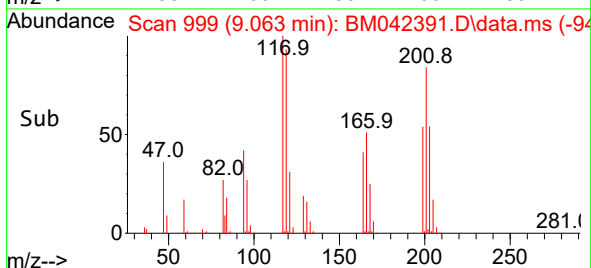
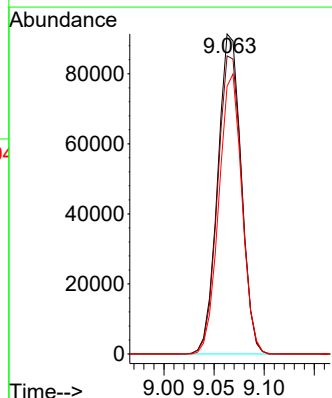
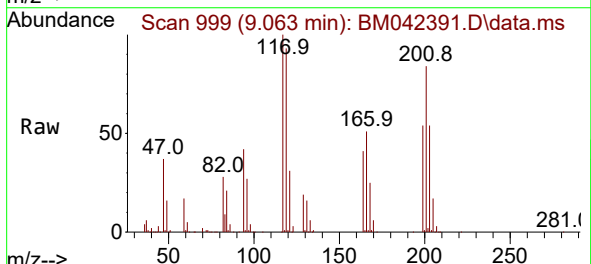
Instrument :
BNA_M
ClientSampleId :
ICVBM102123

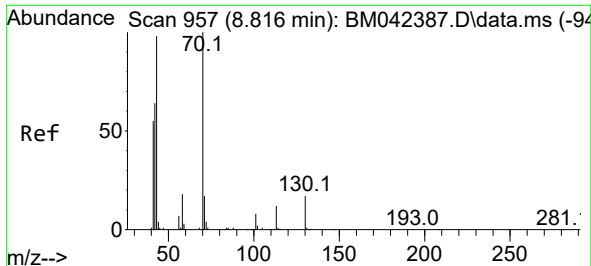
Tgt Ion:107 Resp: 342158
Ion Ratio Lower Upper
107 100
108 112.0 88.2 132.4
77 50.7 40.1 60.1
79 47.7 38.0 57.0



#18
Hexachloroethane
Concen: 40.091 ng
RT: 9.063 min Scan# 999
Delta R.T. -0.000 min
Lab File: BM042391.D
Acq: 20 Oct 2023 23:20

Tgt Ion:117 Resp: 149410
Ion Ratio Lower Upper
117 100
119 93.2 75.9 113.9
201 83.7 64.6 97.0

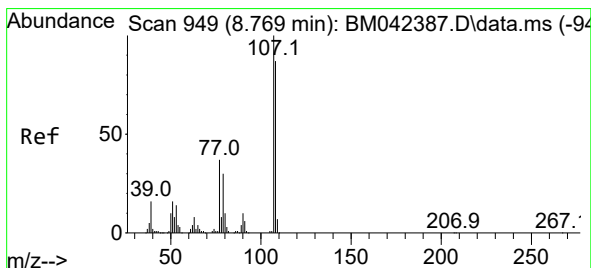
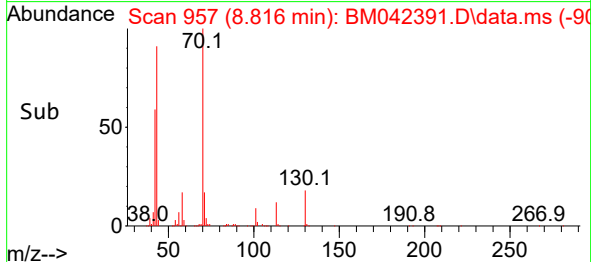
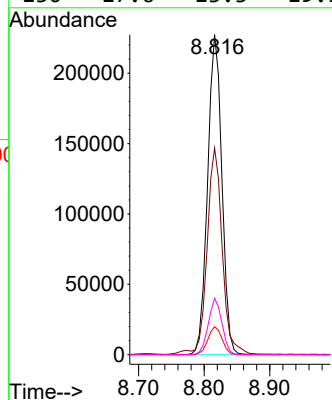
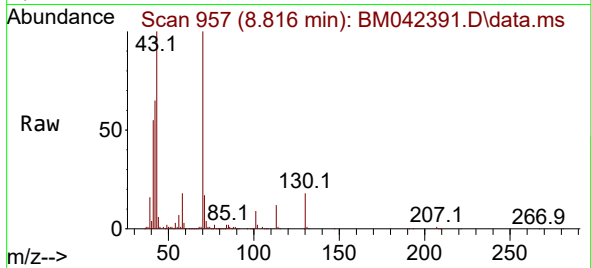




#19
n-Nitroso-di-n-propylamine
Concen: 40.553 ng
RT: 8.816 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM042391.D
Acq: 20 Oct 2023 23:20

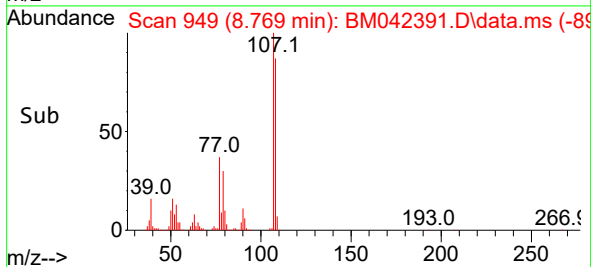
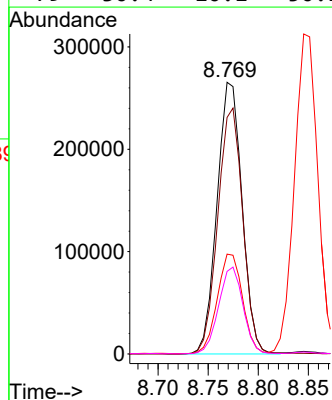
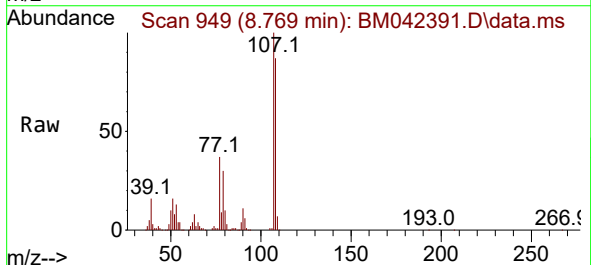
Instrument :
BNA_M
ClientSampleId :
ICVBM102123

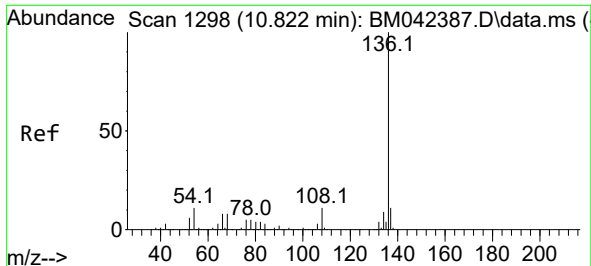
Tgt Ion: 70 Resp: 345141
Ion Ratio Lower Upper
70 100
42 64.6 52.1 78.1
101 8.8 6.5 9.7
130 17.6 13.3 19.9



#20
3+4-Methylphenols
Concen: 40.126 ng
RT: 8.769 min Scan# 949
Delta R.T. -0.000 min
Lab File: BM042391.D
Acq: 20 Oct 2023 23:20

Tgt Ion: 107 Resp: 460819
Ion Ratio Lower Upper
107 100
108 87.1 67.2 107.2
77 36.8 16.8 56.8
79 30.4 10.1 50.1

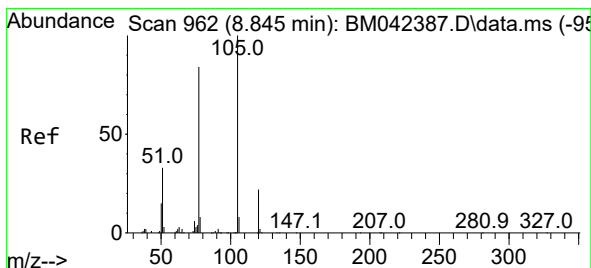
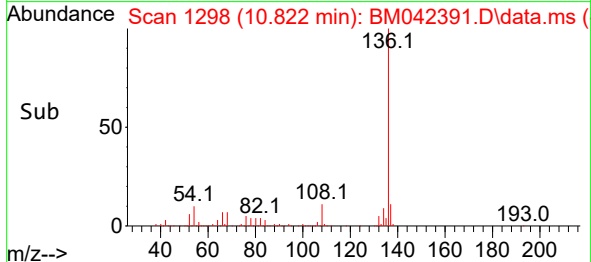
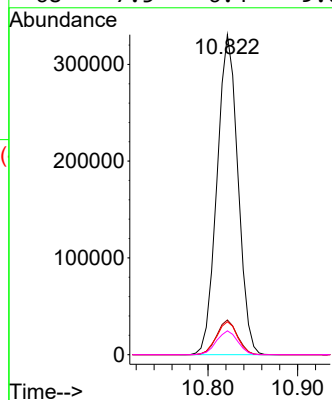
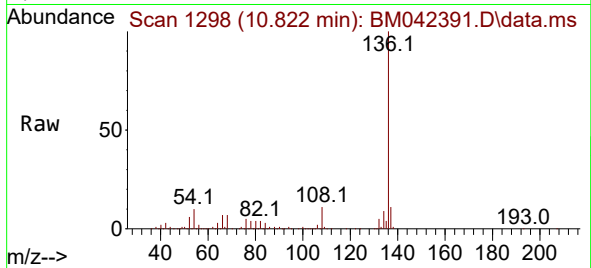




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.822 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BM042391.D
Acq: 20 Oct 2023 23:20

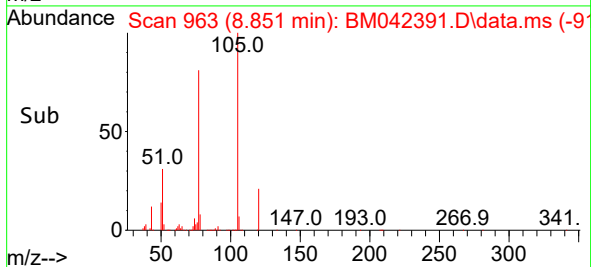
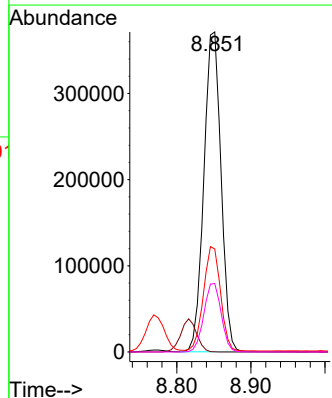
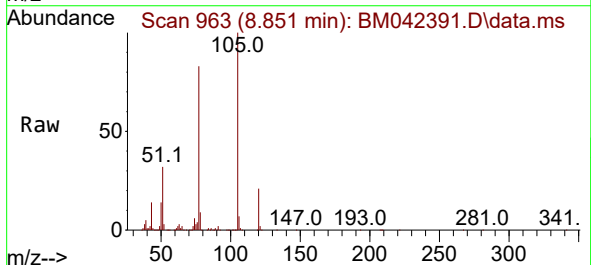
Instrument :
BNA_M
ClientSampleId :
ICVBM102123

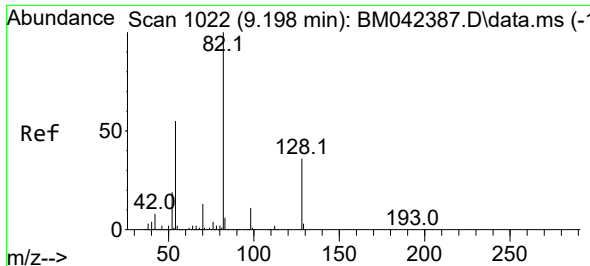
Tgt Ion:	136	Resp:	535152
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	10.3	8.6	12.8
68	7.5	6.4	9.6



#22
Acetophenone
Concen: 41.008 ng
RT: 8.851 min Scan# 963
Delta R.T. 0.006 min
Lab File: BM042391.D
Acq: 20 Oct 2023 23:20

Tgt Ion:	105	Resp:	598708
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.1	0.1#
51	32.2	27.1	40.7
120	21.4	17.3	25.9





#23

Nitrobenzene-d5

Concen: 82.247 ng

RT: 9.198 min Scan# 1022

Delta R.T. -0.000 min

Lab File: BM042391.D

Acq: 20 Oct 2023 23:20

Instrument :

BNA_M

ClientSampleId :

ICVBM102123

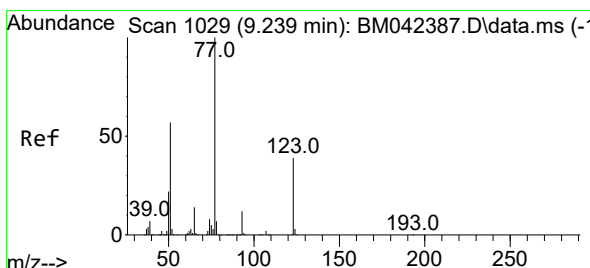
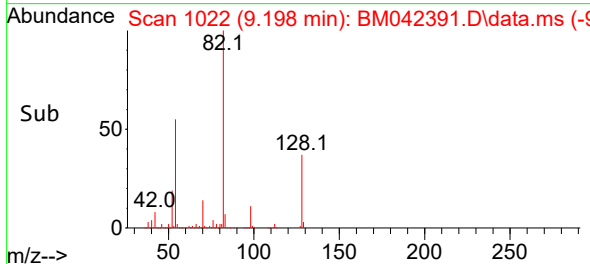
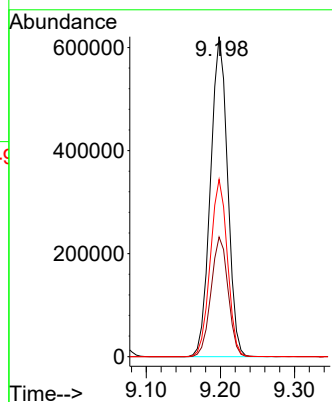
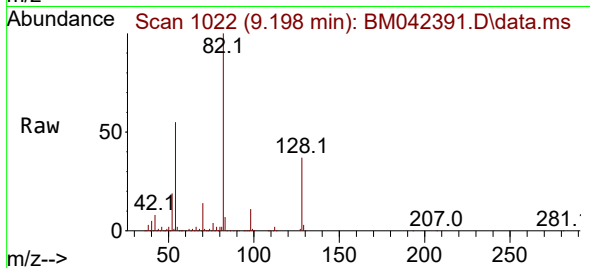
Tgt Ion: 82 Resp: 995370

Ion Ratio Lower Upper

82 100

128 37.4 29.0 43.6

54 55.4 43.7 65.5



#24

Nitrobenzene

Concen: 41.014 ng

RT: 9.239 min Scan# 1029

Delta R.T. -0.000 min

Lab File: BM042391.D

Acq: 20 Oct 2023 23:20

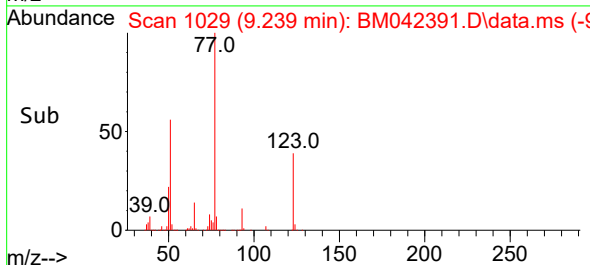
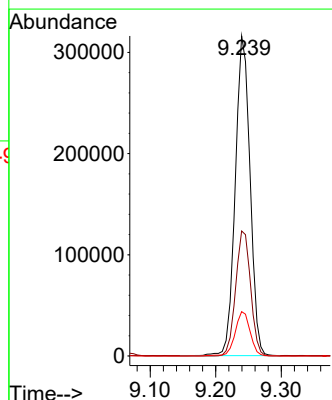
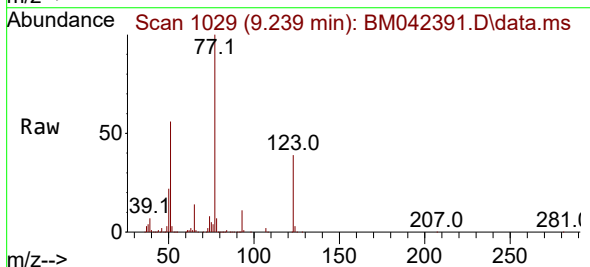
Tgt Ion: 77 Resp: 496584

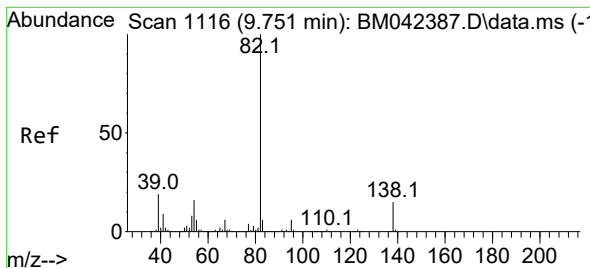
Ion Ratio Lower Upper

77 100

123 39.1 31.2 46.8

65 13.9 11.4 17.0





#25

Isophorone

Concen: 42.117 ng

RT: 9.751 min Scan# 1116

Delta R.T. -0.000 min

Lab File: BM042391.D

Acq: 20 Oct 2023 23:20

Instrument :

BNA_M

ClientSampleId :

ICVBM102123

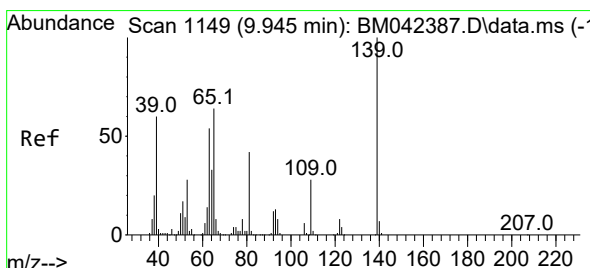
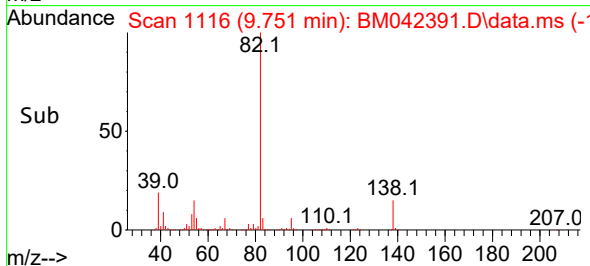
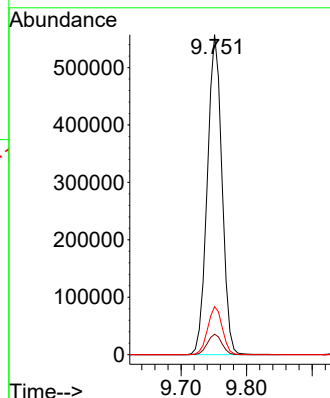
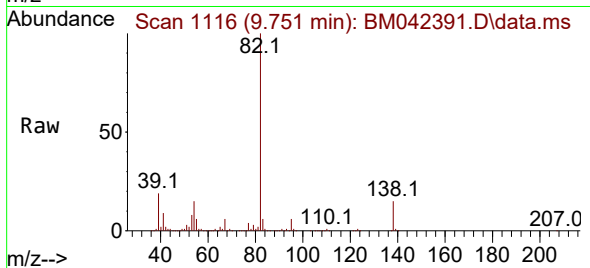
Tgt Ion: 82 Resp: 866218

Ion Ratio Lower Upper

82 100

95 6.4 5.1 7.7

138 15.0 11.8 17.6



#26

2-Nitrophenol

Concen: 40.623 ng

RT: 9.945 min Scan# 1149

Delta R.T. 0.000 min

Lab File: BM042391.D

Acq: 20 Oct 2023 23:20

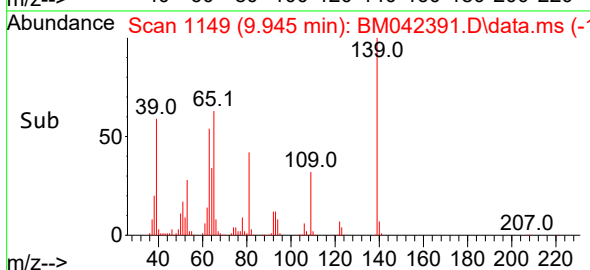
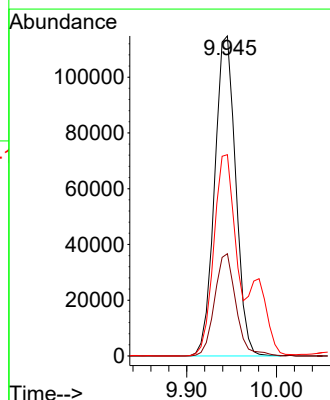
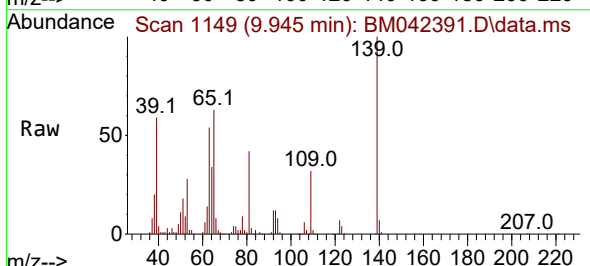
Tgt Ion: 139 Resp: 187244

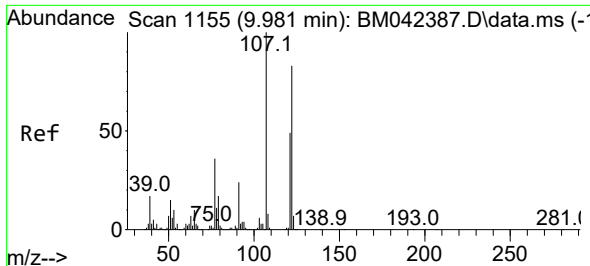
Ion Ratio Lower Upper

139 100

109 32.0 22.3 33.5

65 62.9 51.1 76.7

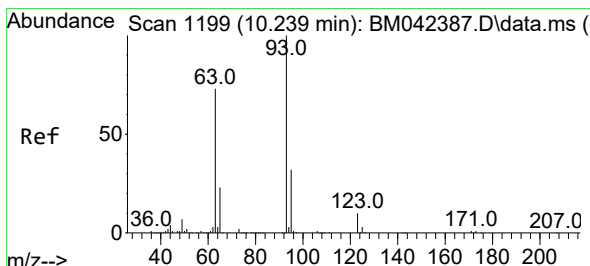
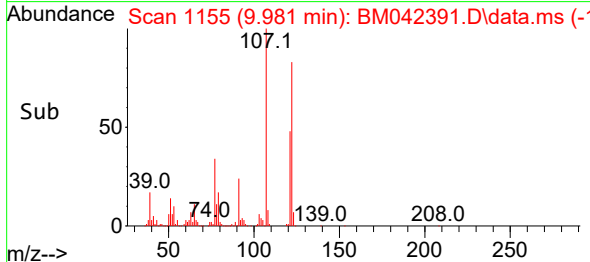
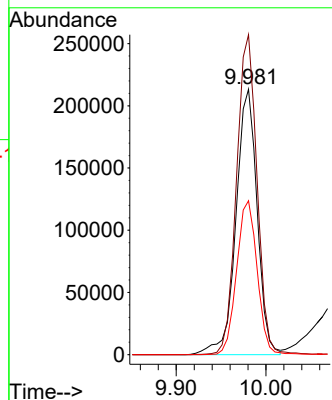
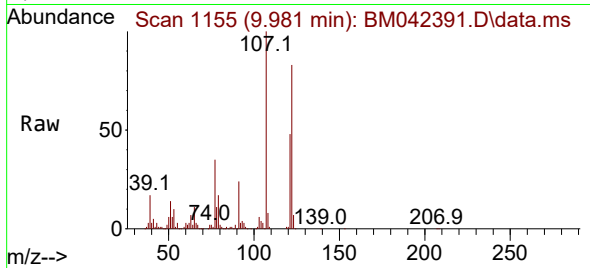




#27
 2,4-Dimethylphenol
 Concen: 41.902 ng
 RT: 9.981 min Scan# 1155
 Delta R.T. -0.000 min
 Lab File: BM042391.D
 Acq: 20 Oct 2023 23:20

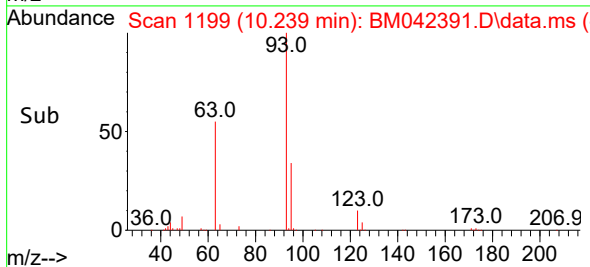
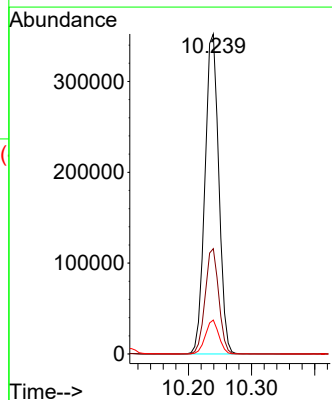
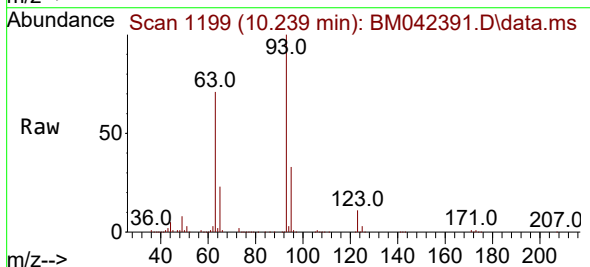
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM102123

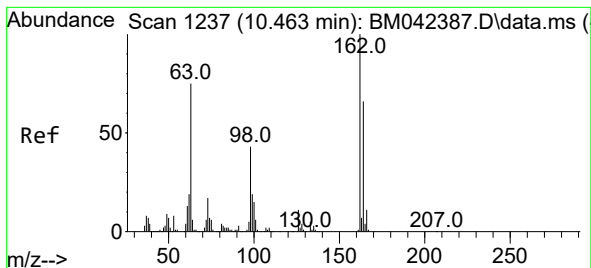
Tgt Ion:122 Resp: 349567
 Ion Ratio Lower Upper
 122 100
 107 120.5 96.3 144.5
 121 58.0 47.0 70.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.139 ng
 RT: 10.239 min Scan# 1199
 Delta R.T. -0.000 min
 Lab File: BM042391.D
 Acq: 20 Oct 2023 23:20

Tgt Ion: 93 Resp: 536057
 Ion Ratio Lower Upper
 93 100
 95 32.9 25.8 38.6
 123 10.6 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 43.141 ng

RT: 10.463 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM042391.D

Acq: 20 Oct 2023 23:20

Instrument :

BNA_M

ClientSampleId :

ICVBM102123

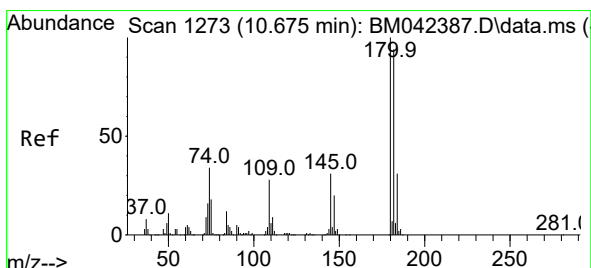
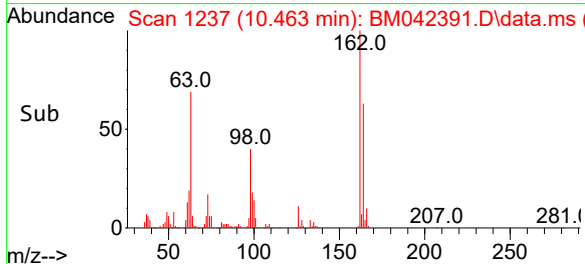
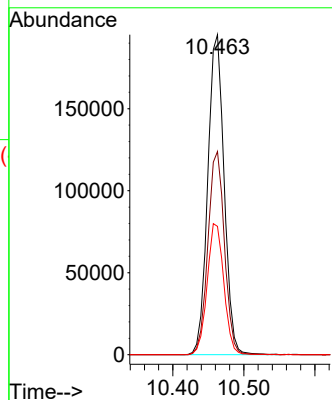
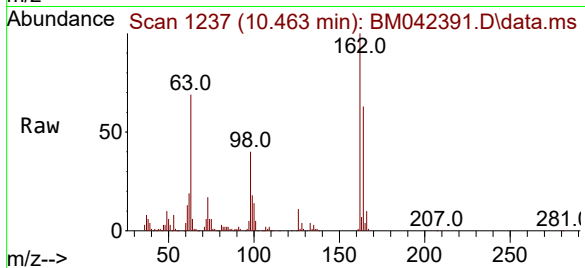
Tgt Ion:162 Resp: 312983

Ion Ratio Lower Upper

162 100

164 63.5 45.9 85.9

98 40.1 23.4 63.4



#30

1,2,4-Trichlorobenzene

Concen: 41.787 ng

RT: 10.675 min Scan# 1273

Delta R.T. -0.000 min

Lab File: BM042391.D

Acq: 20 Oct 2023 23:20

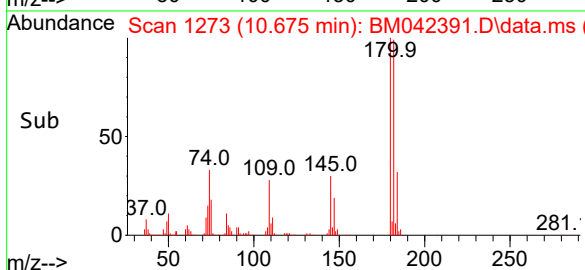
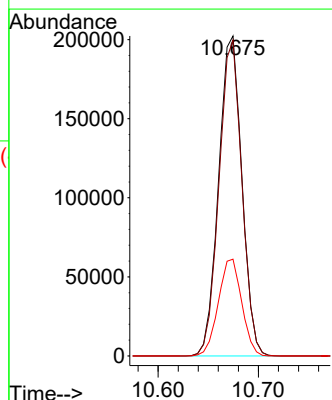
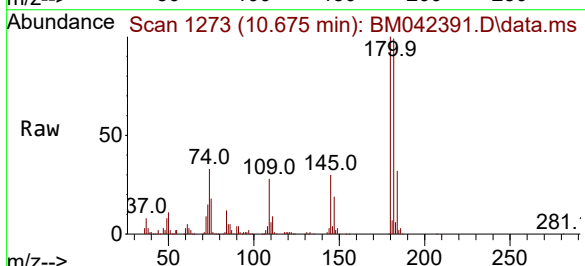
Tgt Ion:180 Resp: 324998

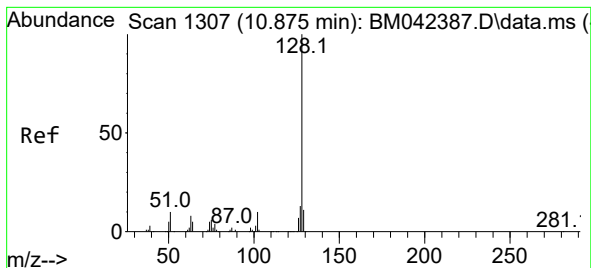
Ion Ratio Lower Upper

180 100

182 98.6 75.0 112.4

145 30.3 24.6 36.8

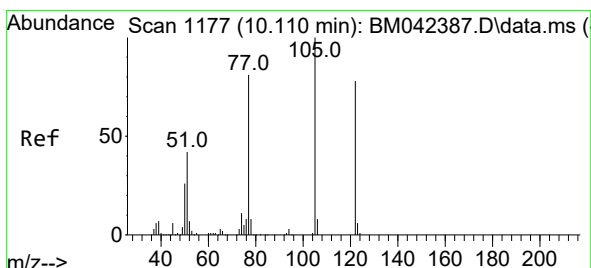
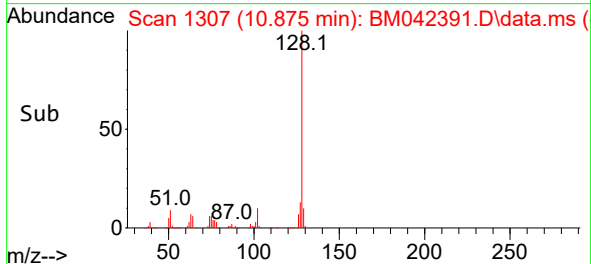
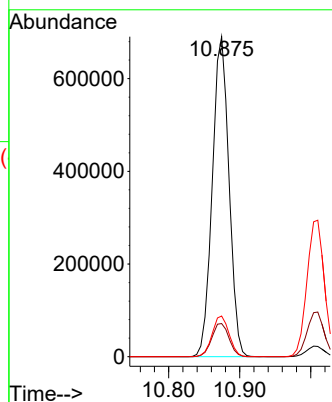
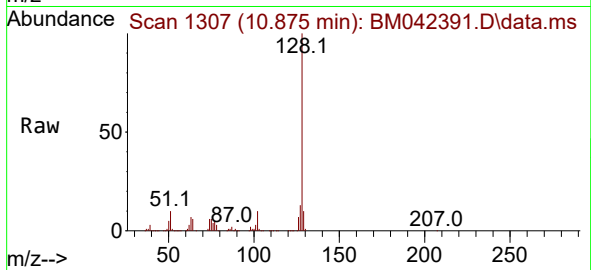




#31
Naphthalene
Concen: 40.885 ng
RT: 10.875 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BM042391.D
Acq: 20 Oct 2023 23:20

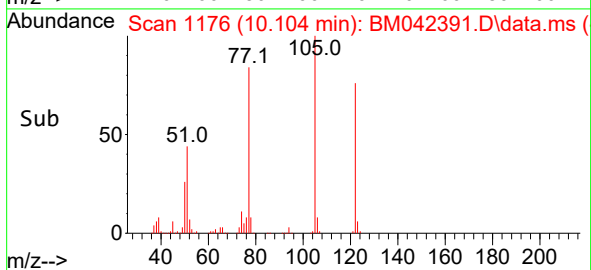
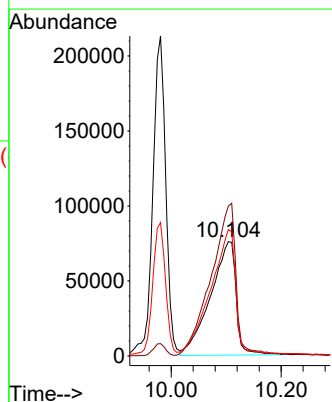
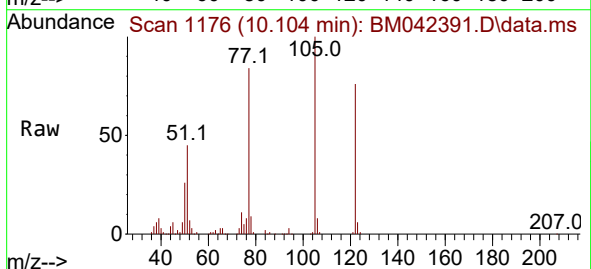
Instrument :
BNA_M
ClientSampleId :
ICVBM102123

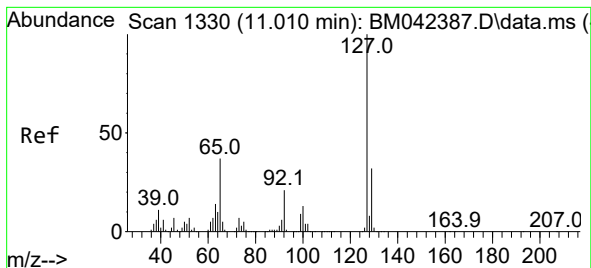
Tgt Ion:128 Resp: 1123844
Ion Ratio Lower Upper
128 100
129 10.4 8.6 13.0
127 12.7 10.4 15.6



#32
Benzoic acid
Concen: 40.855 ng
RT: 10.104 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BM042391.D
Acq: 20 Oct 2023 23:20

Tgt Ion:122 Resp: 243845
Ion Ratio Lower Upper
122 100
105 131.3 104.9 144.9
77 110.7 83.4 123.4

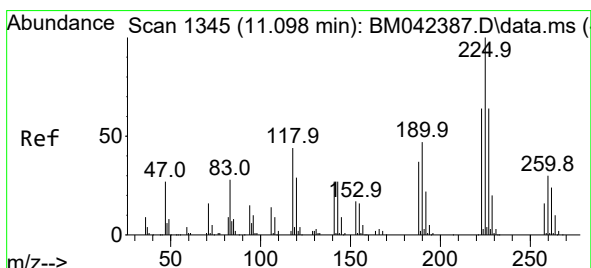
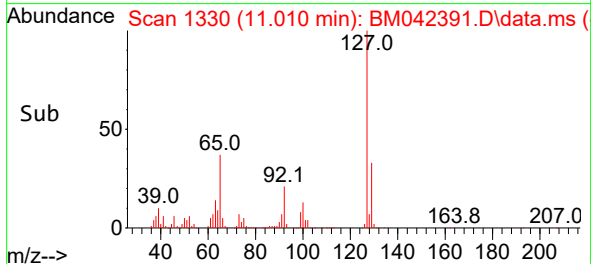
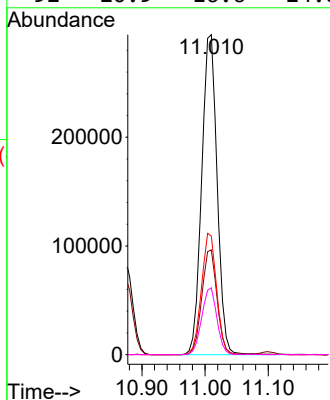
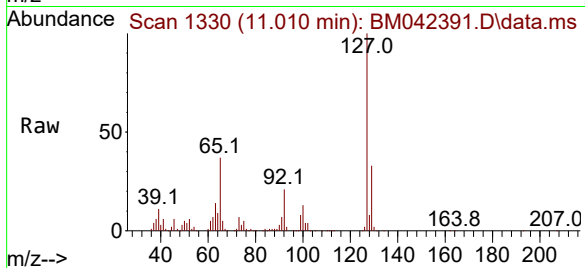




#33
4-Chloroaniline
Concen: 41.965 ng
RT: 11.010 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM042391.D
Acq: 20 Oct 2023 23:20

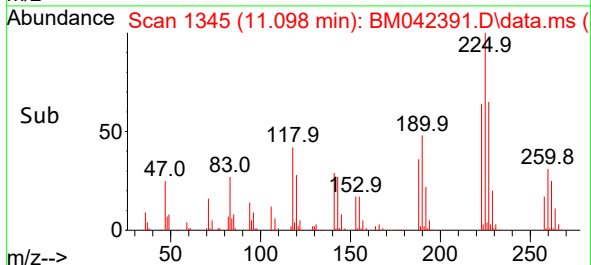
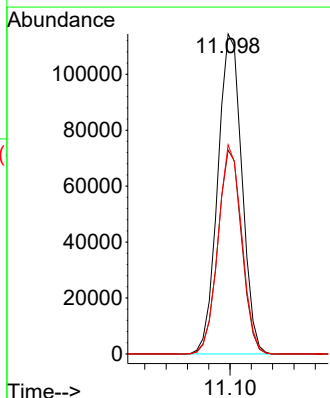
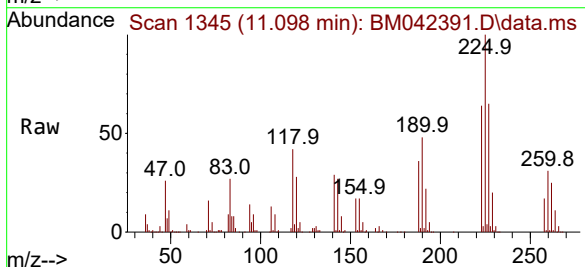
Instrument :
BNA_M
ClientSampleId :
ICVBM102123

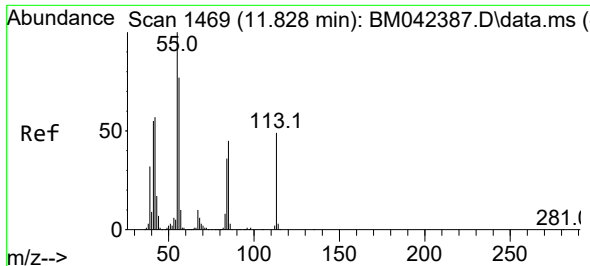
Tgt Ion:	127	Resp:	500828
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.3	37.9
65	37.1	29.6	44.4
92	20.9	16.6	24.8



#34
Hexachlorobutadiene
Concen: 42.707 ng
RT: 11.098 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BM042391.D
Acq: 20 Oct 2023 23:20

Tgt Ion:	225	Resp:	179737
Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.5	77.3
227	65.4	51.3	76.9

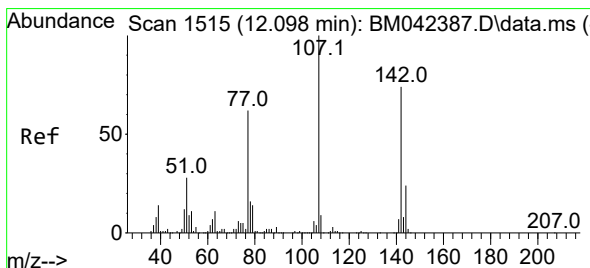
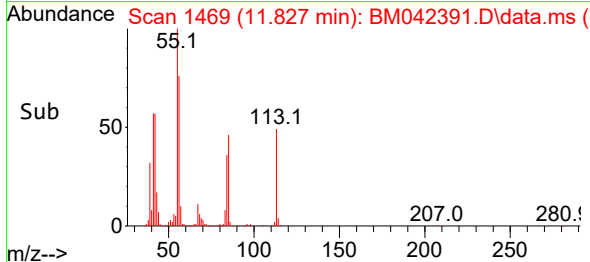
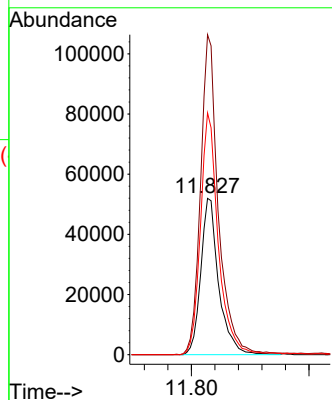
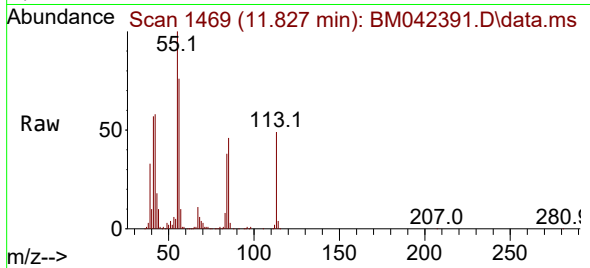




#35
Caprolactam
Concen: 39.386 ng
RT: 11.827 min Scan# 1469
Delta R.T. -0.001 min
Lab File: BM042391.D
Acq: 20 Oct 2023 23:20

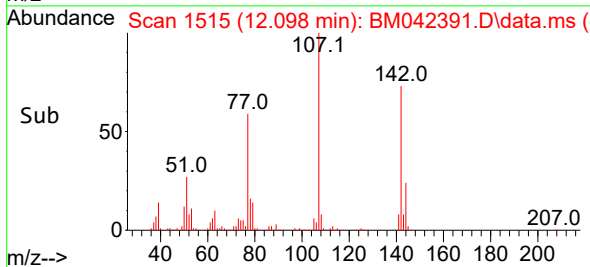
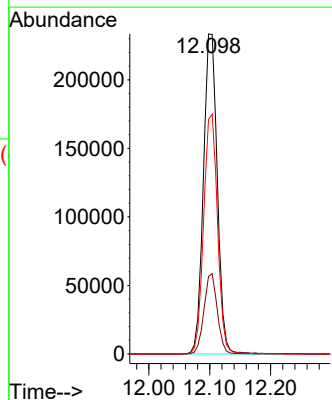
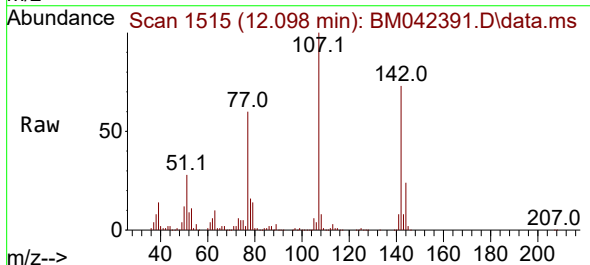
Instrument :
BNA_M
ClientSampleId :
ICVBM102123

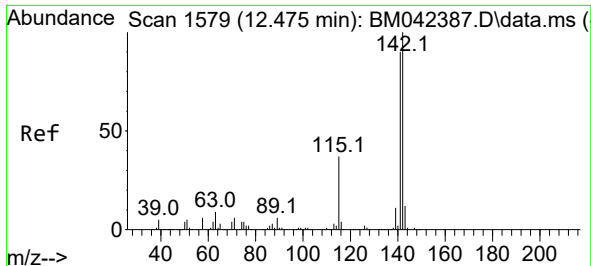
Tgt Ion:113 Resp: 109928
Ion Ratio Lower Upper
113 100
55 204.6 185.6 225.6
56 154.6 137.8 177.8



#36
4-Chloro-3-methylphenol
Concen: 42.259 ng
RT: 12.098 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BM042391.D
Acq: 20 Oct 2023 23:20

Tgt Ion:107 Resp: 369965
Ion Ratio Lower Upper
107 100
144 24.3 18.9 28.3
142 73.2 59.2 88.8





#37

2-Methylnaphthalene

Concen: 41.708 ng

RT: 12.475 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM042391.D

Acq: 20 Oct 2023 23:20

Instrument :

BNA_M

ClientSampleId :

ICVBM102123

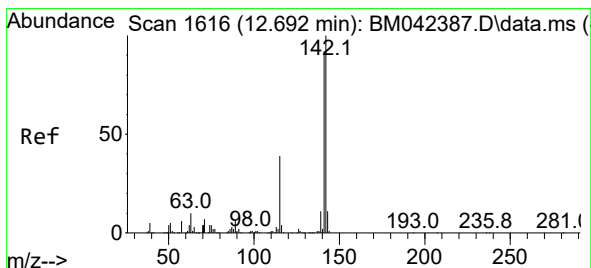
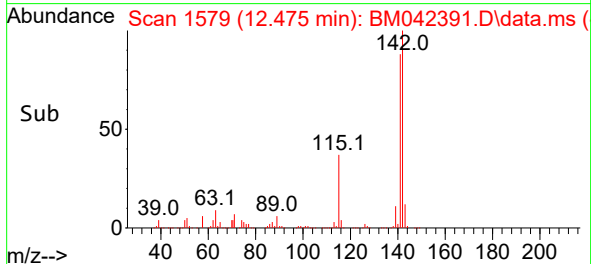
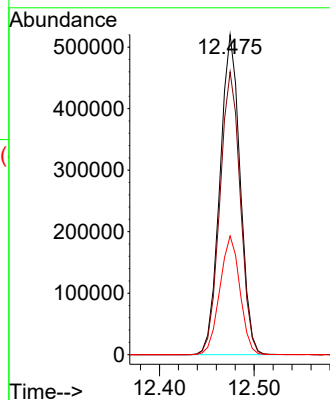
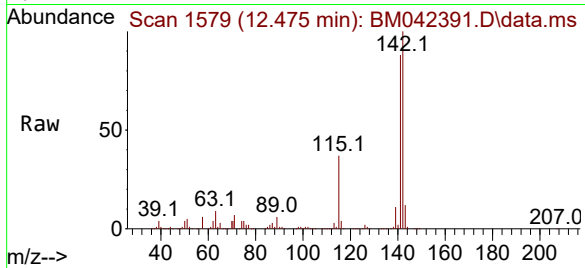
Tgt Ion:142 Resp: 771750

Ion Ratio Lower Upper

142 100

141 88.4 72.0 108.0

115 37.1 29.4 44.2



#38

1-Methylnaphthalene

Concen: 41.696 ng

RT: 12.692 min Scan# 1616

Delta R.T. -0.000 min

Lab File: BM042391.D

Acq: 20 Oct 2023 23:20

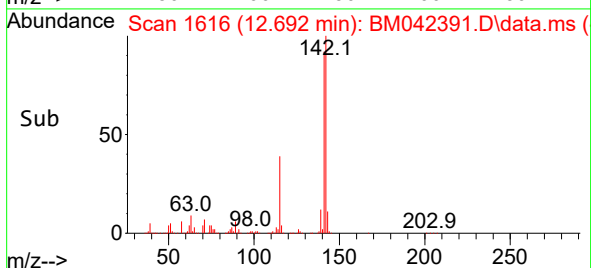
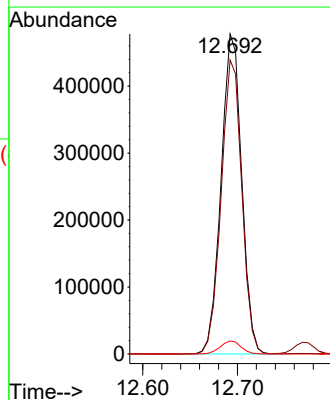
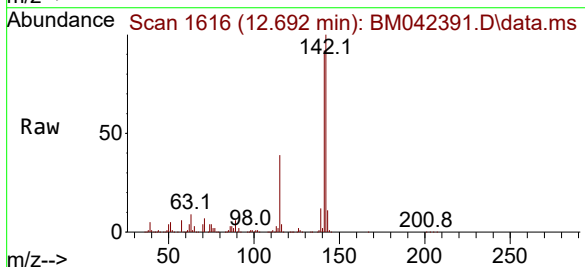
Tgt Ion:142 Resp: 722784

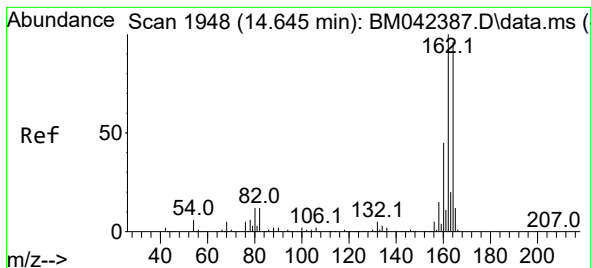
Ion Ratio Lower Upper

142 100

141 91.9 73.8 110.6

116 4.1 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.645 min Scan# 1948

Delta R.T. -0.000 min

Lab File: BM042391.D

Acq: 20 Oct 2023 23:20

Instrument :

BNA_M

ClientSampleId :

ICVBM102123

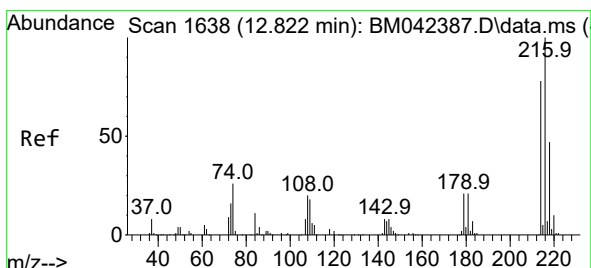
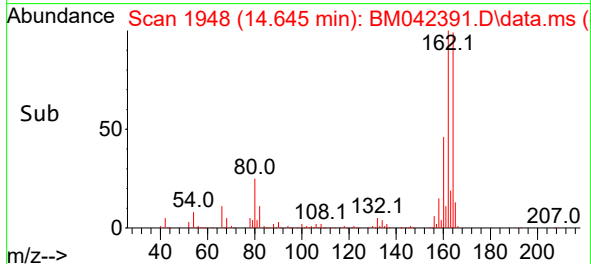
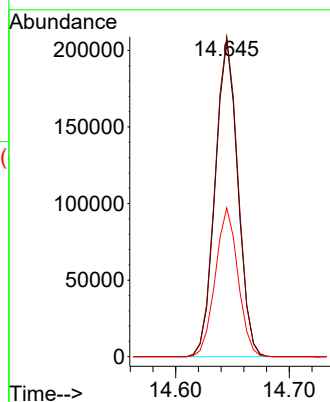
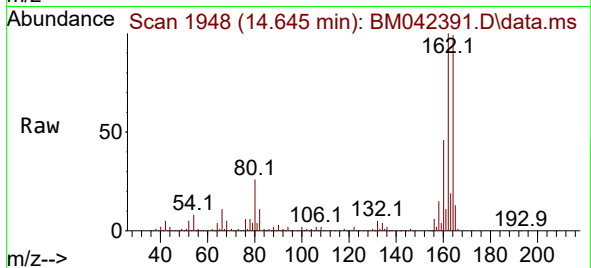
Tgt Ion:164 Resp: 284816

Ion Ratio Lower Upper

164 100

162 101.1 83.0 124.4

160 47.0 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.297 ng

RT: 12.822 min Scan# 1638

Delta R.T. -0.000 min

Lab File: BM042391.D

Acq: 20 Oct 2023 23:20

Tgt Ion:216 Resp: 356505

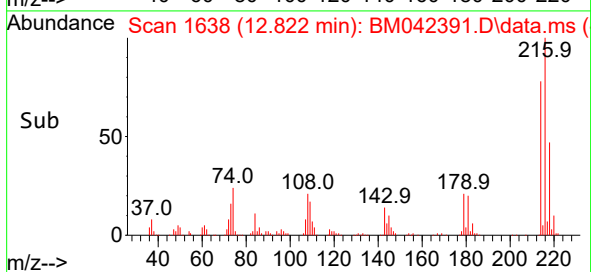
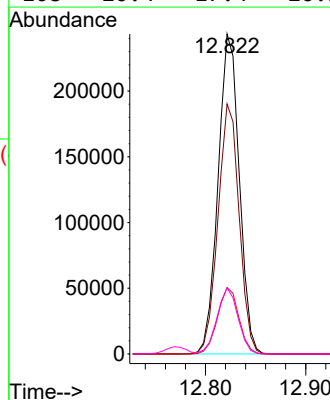
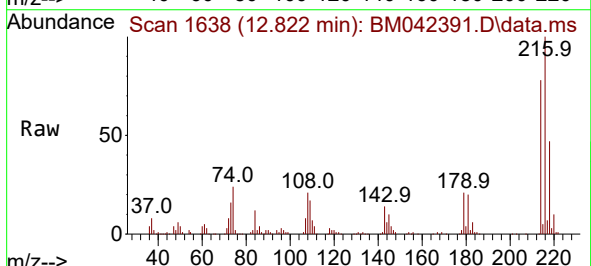
Ion Ratio Lower Upper

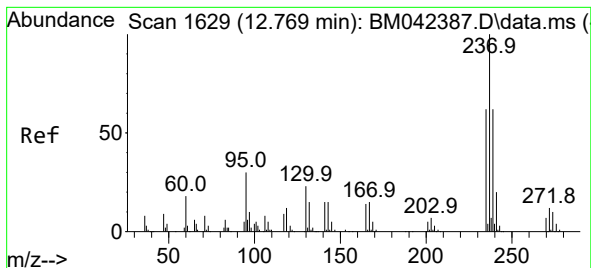
216 100

214 77.9 63.0 94.4

179 20.9 17.2 25.8

108 20.4 17.4 26.2





#41

Hexachlorocyclopentadiene

Concen: 41.630 ng

RT: 12.769 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM042391.D

Acq: 20 Oct 2023 23:20

Instrument :

BNA_M

ClientSampleId :

ICVBM102123

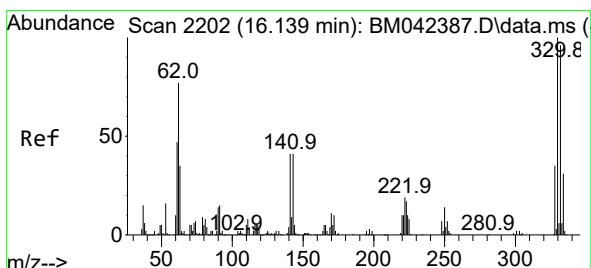
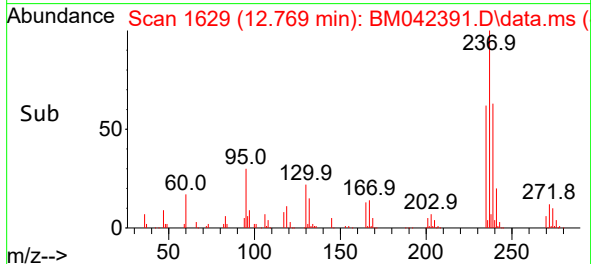
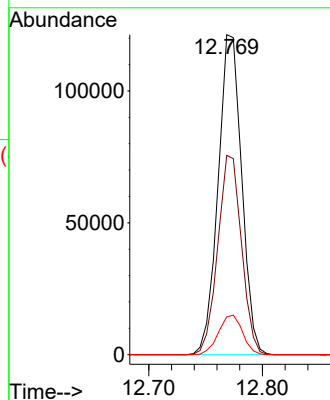
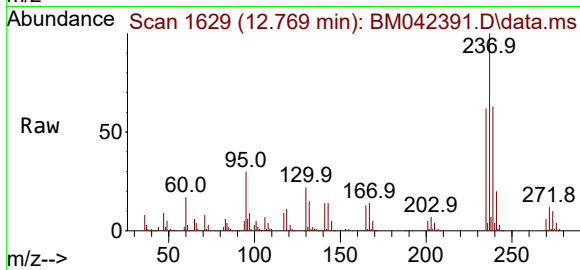
Tgt Ion:237 Resp: 175462

Ion Ratio Lower Upper

237 100

235 62.3 41.5 81.5

272 11.9 0.0 32.2



#42

2,4,6-Tribromophenol

Concen: 83.397 ng

RT: 16.139 min Scan# 2202

Delta R.T. -0.000 min

Lab File: BM042391.D

Acq: 20 Oct 2023 23:20

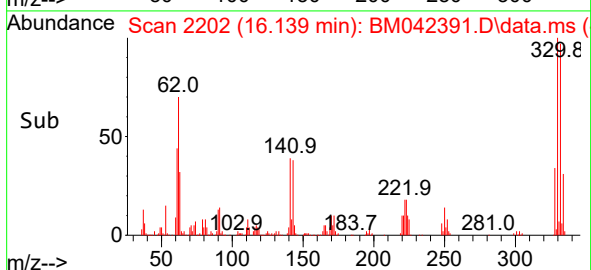
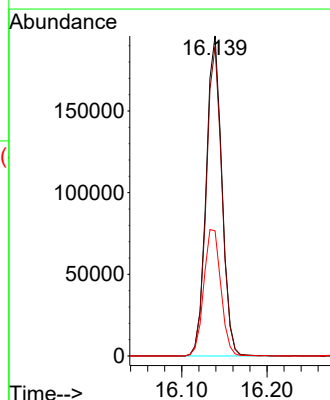
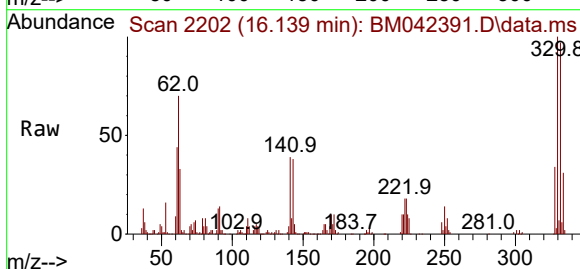
Tgt Ion:330 Resp: 251099

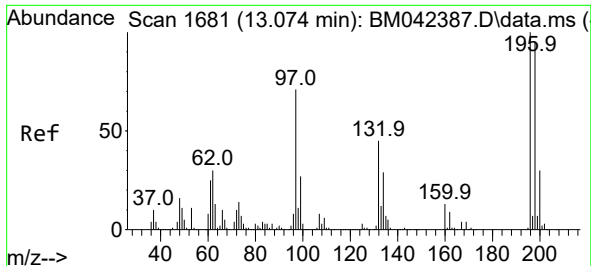
Ion Ratio Lower Upper

330 100

332 96.2 77.6 116.4

141 43.0 38.0 57.0

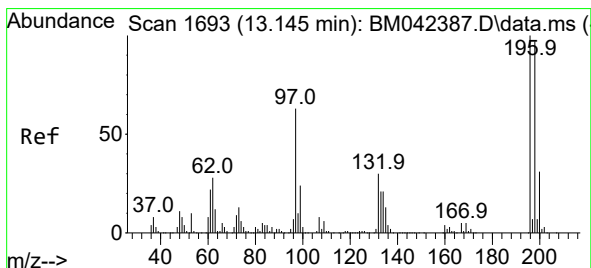
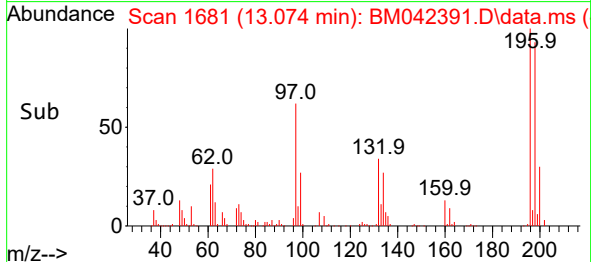
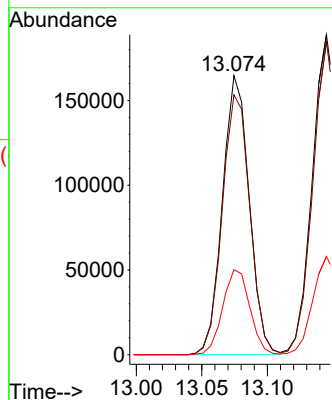
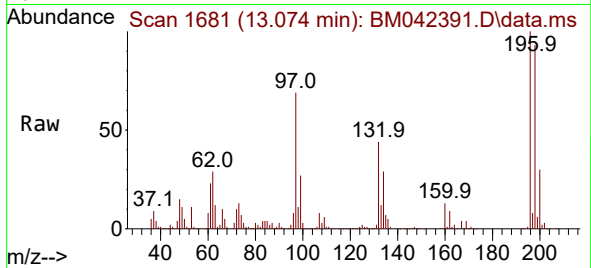




#43
2,4,6-Trichlorophenol
Concen: 43.902 ng
RT: 13.074 min Scan# 1681
Delta R.T. -0.000 min
Lab File: BM042391.D
Acq: 20 Oct 2023 23:20

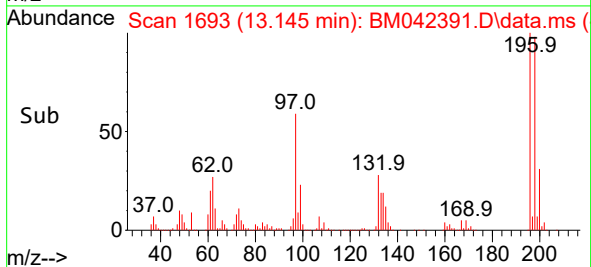
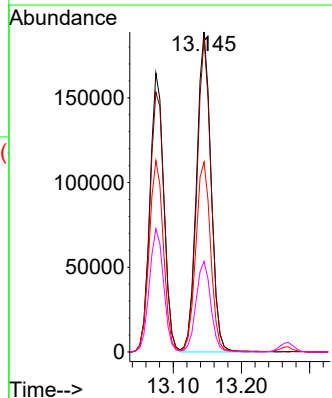
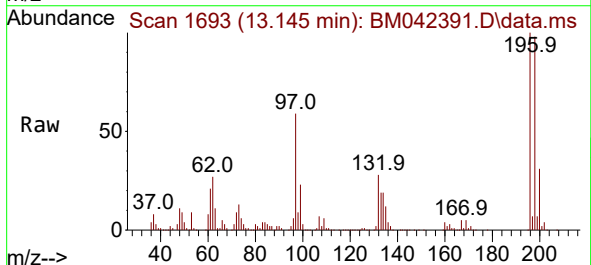
Instrument :
BNA_M
ClientSampleId :
ICVBM102123

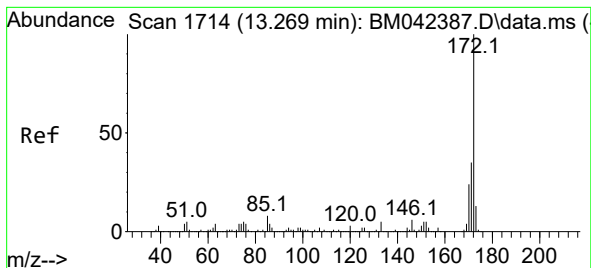
Tgt Ion:196 Resp: 234008
Ion Ratio Lower Upper
196 100
198 93.1 76.3 114.5
200 30.5 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 43.995 ng
RT: 13.145 min Scan# 1693
Delta R.T. 0.000 min
Lab File: BM042391.D
Acq: 20 Oct 2023 23:20

Tgt Ion:196 Resp: 277208
Ion Ratio Lower Upper
196 100
198 97.8 77.9 116.9
97 59.4 50.9 76.3
132 28.3 23.8 35.6





#45

2-Fluorobiphenyl

Concen: 83.783 ng

RT: 13.269 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM042391.D

Acq: 20 Oct 2023 23:20

Instrument :

BNA_M

ClientSampleId :

ICVBM102123

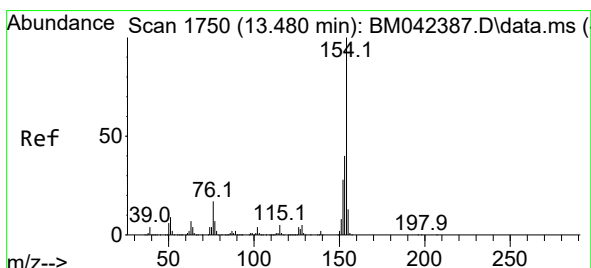
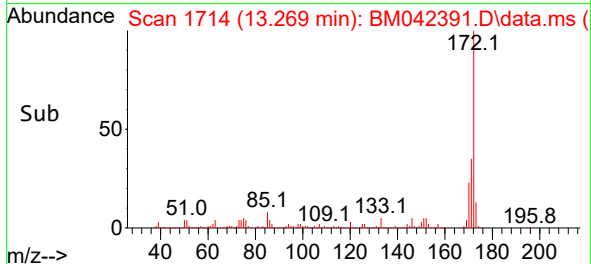
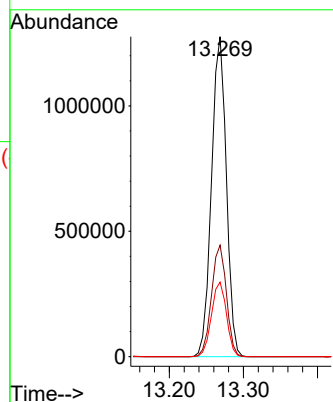
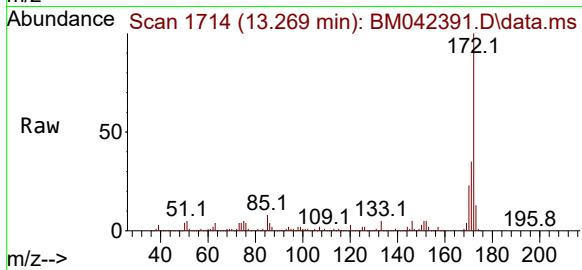
Tgt Ion:172 Resp: 1772059

Ion Ratio Lower Upper

172 100

171 34.8 28.1 42.1

170 23.3 18.9 28.3



#46

1,1'-Biphenyl

Concen: 41.572 ng

RT: 13.480 min Scan# 1750

Delta R.T. -0.000 min

Lab File: BM042391.D

Acq: 20 Oct 2023 23:20

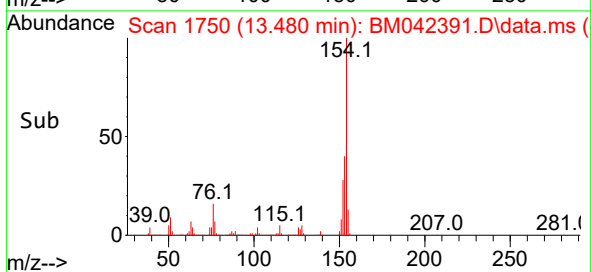
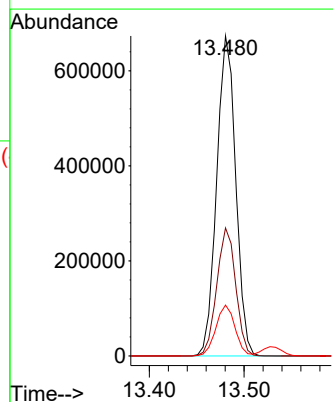
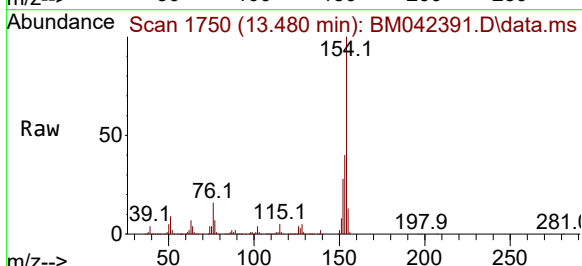
Tgt Ion:154 Resp: 939311

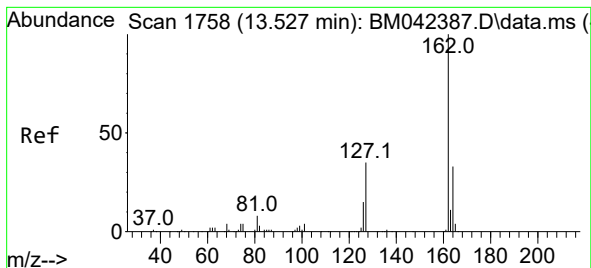
Ion Ratio Lower Upper

154 100

153 40.0 19.9 59.9

76 15.9 0.0 36.9





#47

2-Chloronaphthalene

Concen: 41.557 ng

RT: 13.527 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM042391.D

Acq: 20 Oct 2023 23:20

Instrument :

BNA_M

ClientSampleId :

ICVBM102123

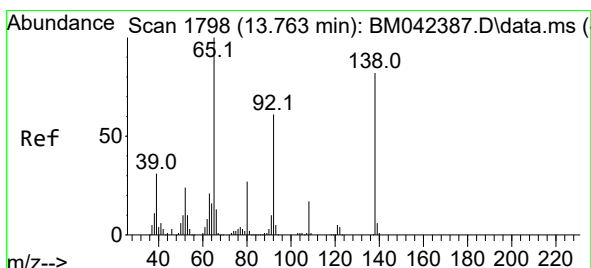
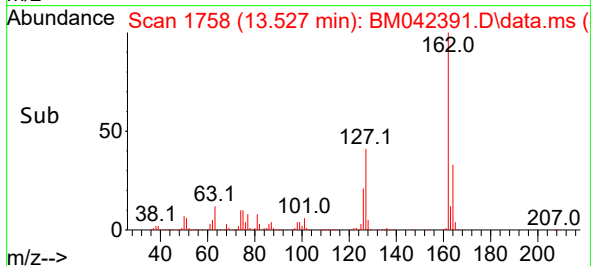
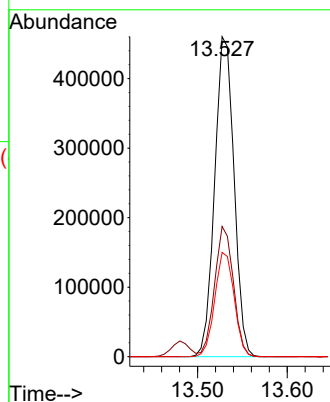
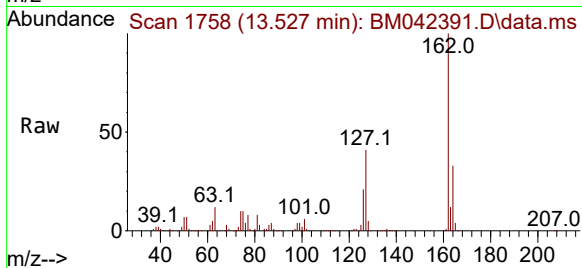
Tgt Ion:162 Resp: 688879

Ion Ratio Lower Upper

162 100

127 40.7 32.2 48.2

164 32.6 26.2 39.2



#48

2-Nitroaniline

Concen: 39.249 ng

RT: 13.763 min Scan# 1798

Delta R.T. -0.000 min

Lab File: BM042391.D

Acq: 20 Oct 2023 23:20

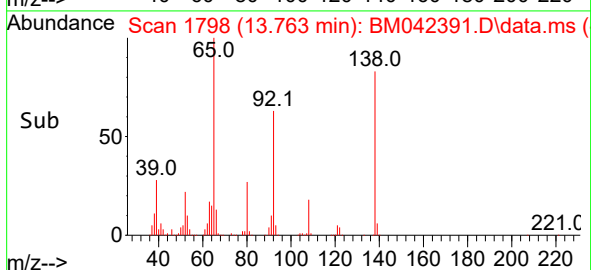
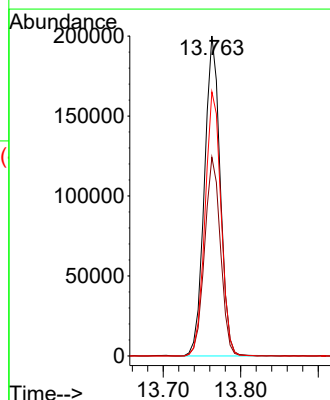
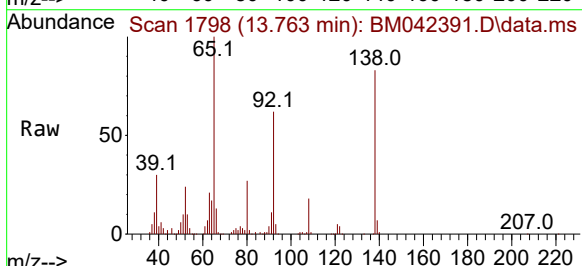
Tgt Ion: 65 Resp: 282192

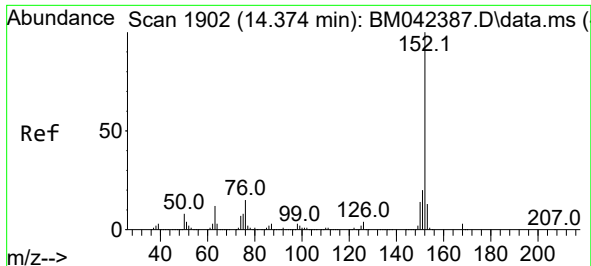
Ion Ratio Lower Upper

65 100

92 62.1 49.0 73.6

138 82.5 65.5 98.3

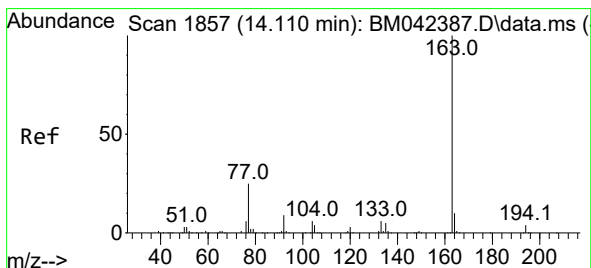
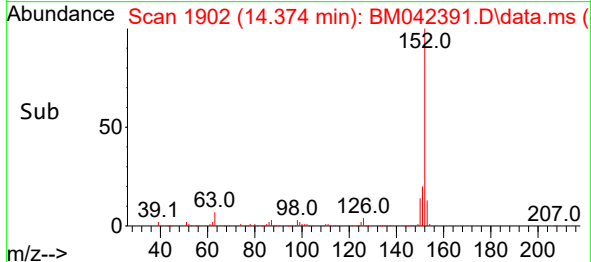
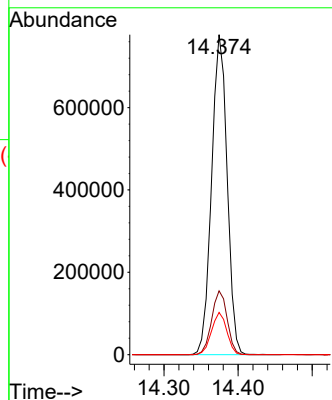
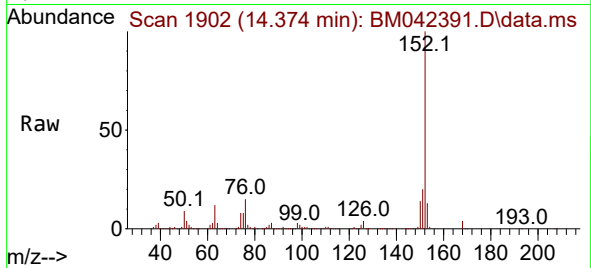




#49
Acenaphthylene
Concen: 42.260 ng
RT: 14.374 min Scan# 1902
Delta R.T. -0.000 min
Lab File: BM042391.D
Acq: 20 Oct 2023 23:20

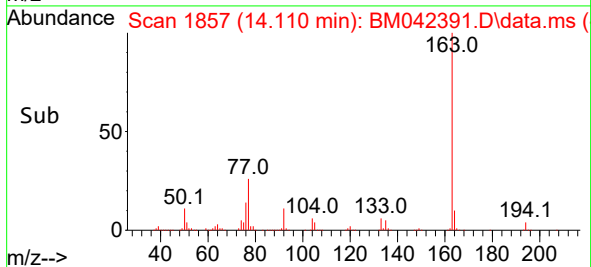
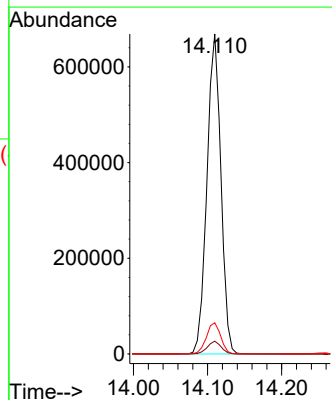
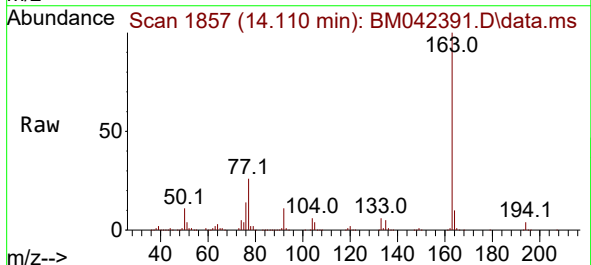
Instrument :
BNA_M
ClientSampleId :
ICVBM102123

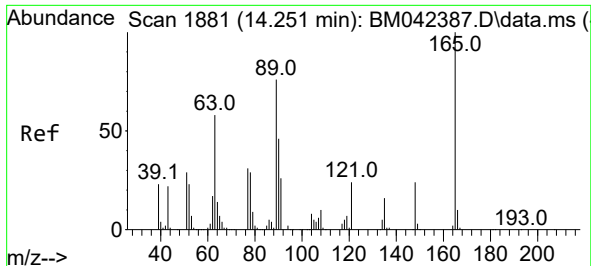
Tgt Ion:152 Resp: 1130949
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.2 10.5 15.7



#50
Dimethylphthalate
Concen: 41.849 ng
RT: 14.110 min Scan# 1857
Delta R.T. -0.000 min
Lab File: BM042391.D
Acq: 20 Oct 2023 23:20

Tgt Ion:163 Resp: 874282
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.4
164 9.8 7.9 11.9

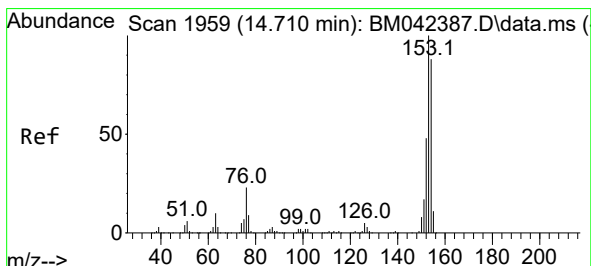
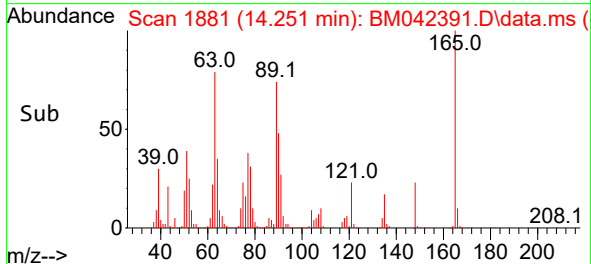
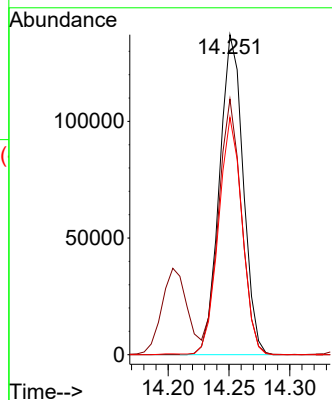
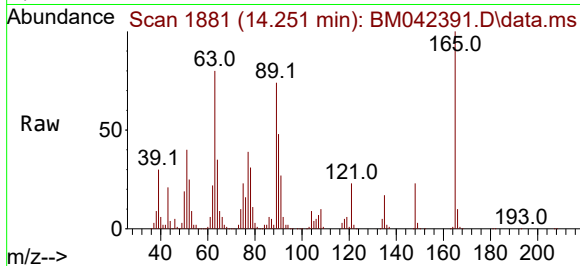




#51
2,6-Dinitrotoluene
Concen: 40.005 ng
RT: 14.251 min Scan# 1881
Delta R.T. -0.000 min
Lab File: BM042391.D
Acq: 20 Oct 2023 23:20

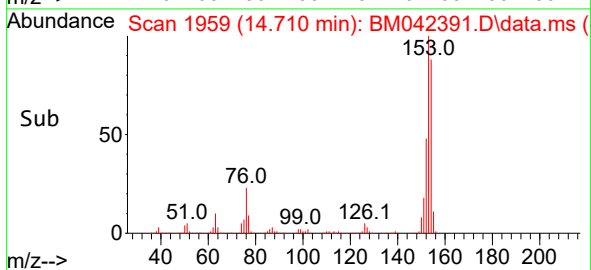
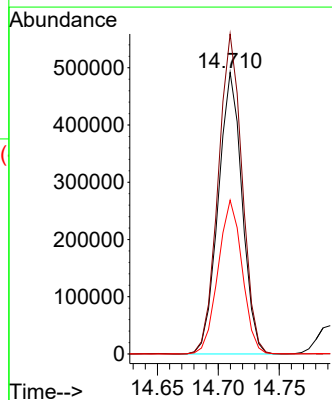
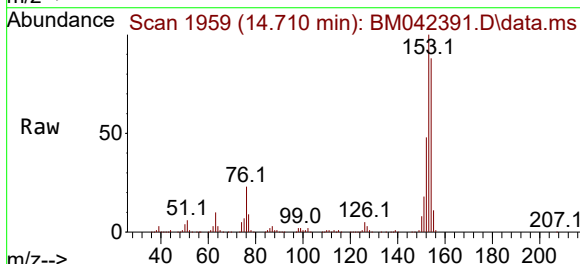
Instrument :
BNA_M
ClientSampleId :
ICVBM102123

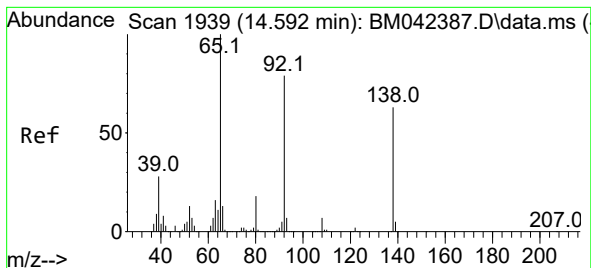
Tgt Ion:165 Resp: 186294
Ion Ratio Lower Upper
165 100
63 79.9 65.3 97.9
89 74.1 60.6 91.0



#52
Acenaphthene
Concen: 41.470 ng
RT: 14.710 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BM042391.D
Acq: 20 Oct 2023 23:20

Tgt Ion:154 Resp: 670956
Ion Ratio Lower Upper
154 100
153 113.6 91.1 136.7
152 54.6 44.0 66.0

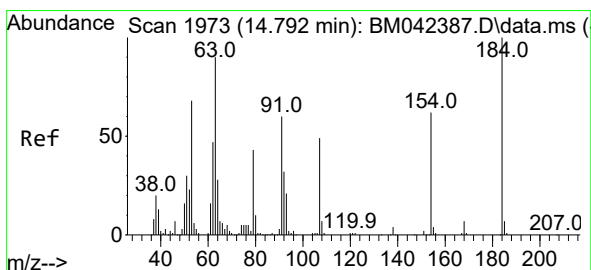
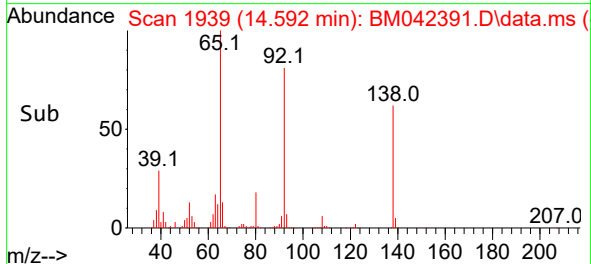
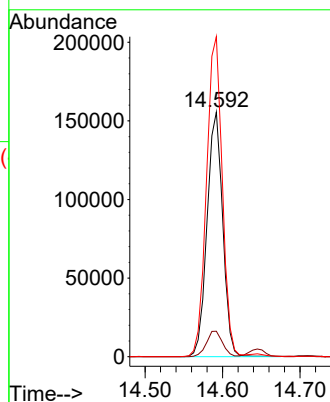
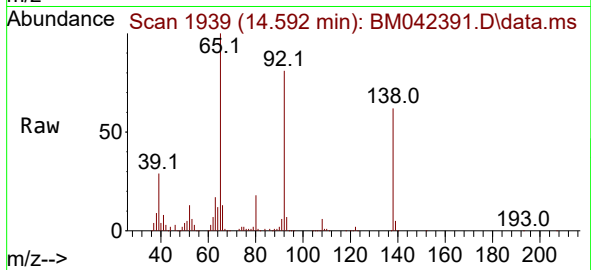




#53
3-Nitroaniline
Concen: 39.634 ng
RT: 14.592 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BM042391.D
Acq: 20 Oct 2023 23:20

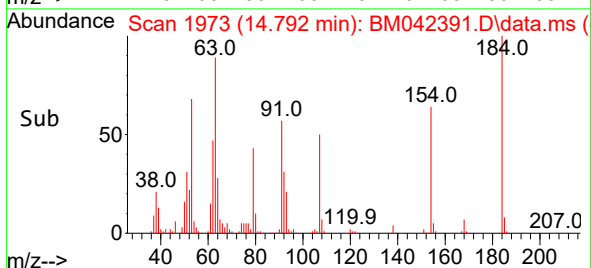
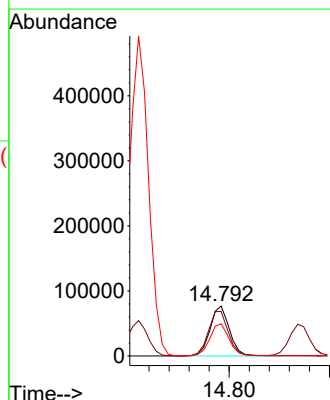
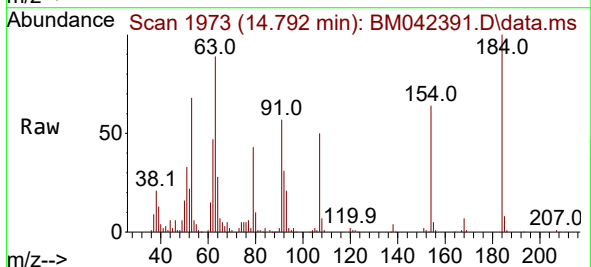
Instrument :
BNA_M
ClientSampleId :
ICVBM102123

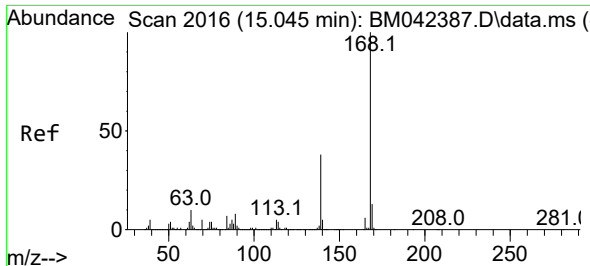
Tgt Ion:138 Resp: 218271
Ion Ratio Lower Upper
138 100
108 10.4 8.3 12.5
92 130.8 100.6 151.0



#54
2,4-Dinitrophenol
Concen: 39.694 ng
RT: 14.792 min Scan# 1973
Delta R.T. 0.000 min
Lab File: BM042391.D
Acq: 20 Oct 2023 23:20

Tgt Ion:184 Resp: 102592
Ion Ratio Lower Upper
184 100
63 89.1 72.2 108.2
154 64.5 49.6 74.4

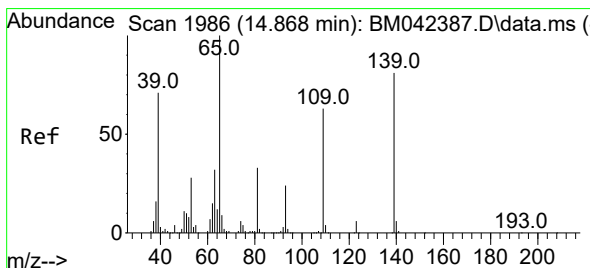
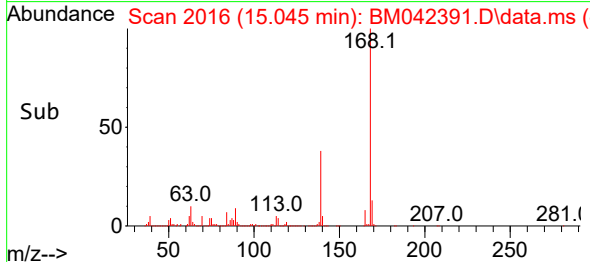
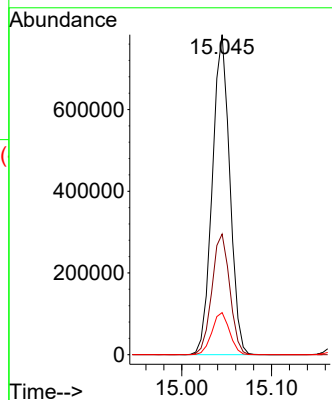
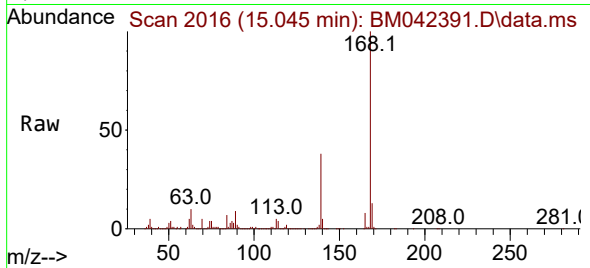




#55
Dibenzofuran
Concen: 41.315 ng
RT: 15.045 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BM042391.D
Acq: 20 Oct 2023 23:20

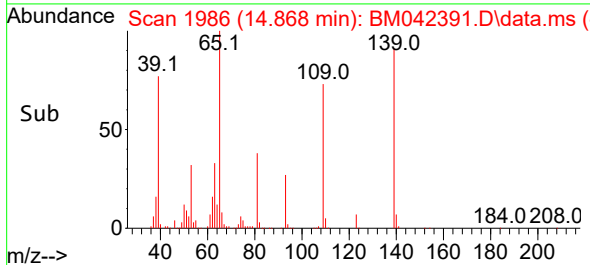
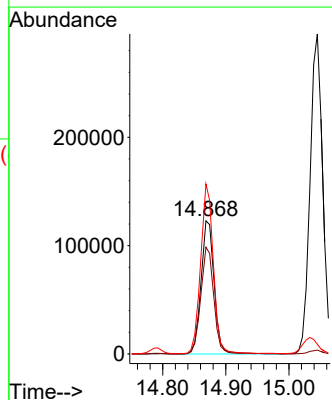
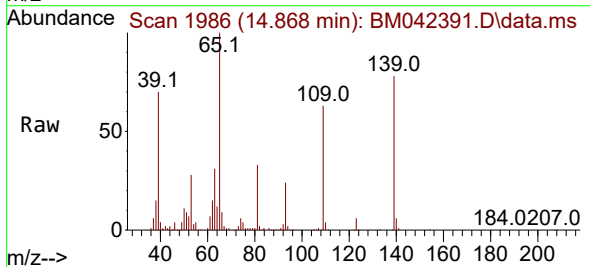
Instrument :
BNA_M
ClientSampleId :
ICVBM102123

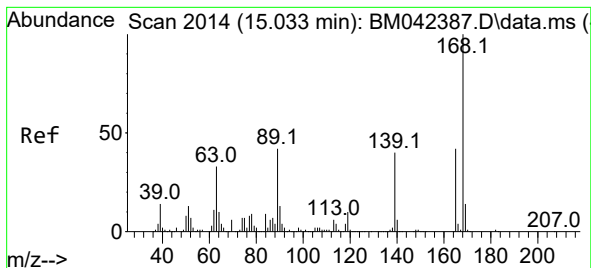
Tgt Ion:168 Resp: 1057259
Ion Ratio Lower Upper
168 100
139 37.7 30.6 46.0
169 13.2 10.4 15.6



#56
4-Nitrophenol
Concen: 41.755 ng
RT: 14.868 min Scan# 1986
Delta R.T. 0.000 min
Lab File: BM042391.D
Acq: 20 Oct 2023 23:20

Tgt Ion:139 Resp: 177665
Ion Ratio Lower Upper
139 100
109 80.1 58.0 98.0
65 127.8 104.2 144.2

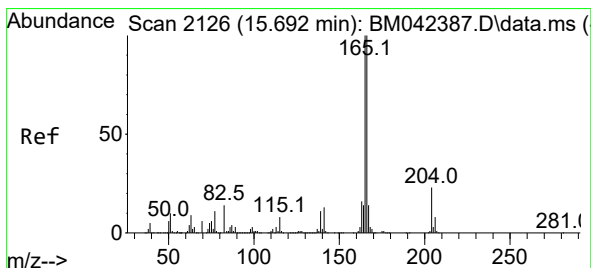
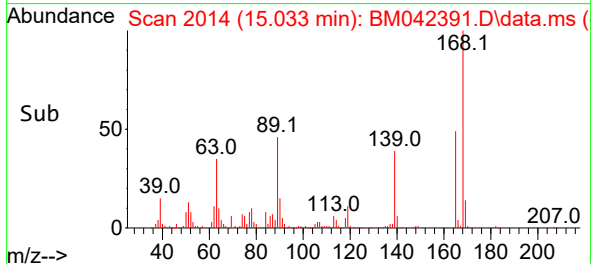
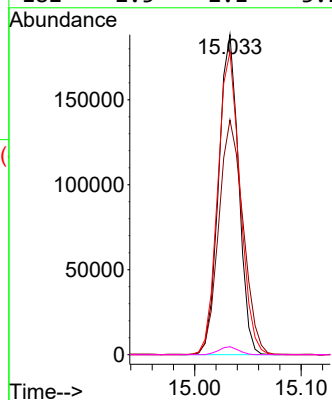
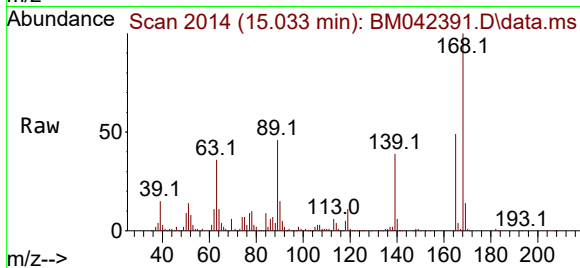




#57
2,4-Dinitrotoluene
Concen: 39.601 ng
RT: 15.033 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BM042391.D
Acq: 20 Oct 2023 23:20

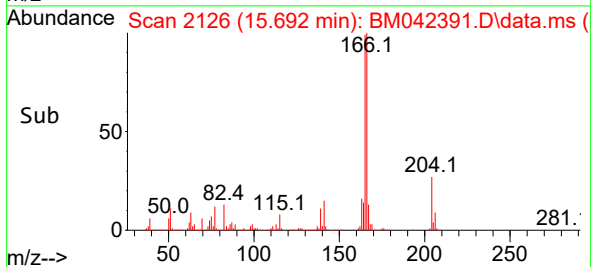
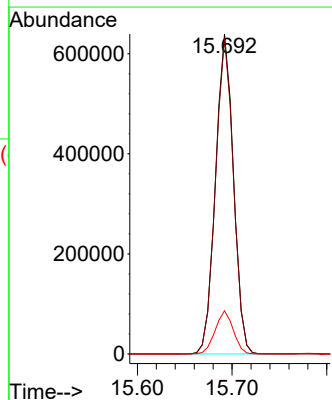
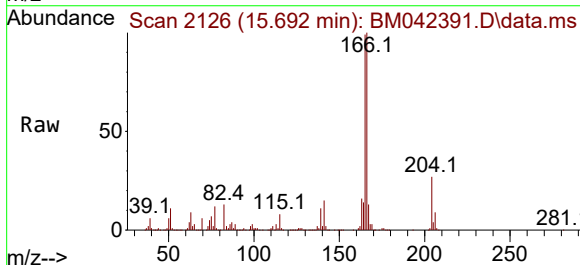
Instrument :
BNA_M
ClientSampleId :
ICVBM102123

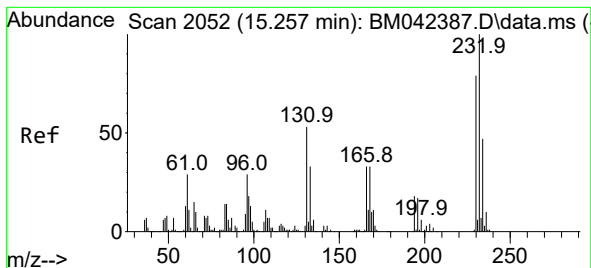
Tgt Ion:165 Resp: 244944
Ion Ratio Lower Upper
165 100
63 73.4 62.9 94.3
89 94.7 80.2 120.2
182 2.5 2.1 3.1



#58
Fluorene
Concen: 41.705 ng
RT: 15.692 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BM042391.D
Acq: 20 Oct 2023 23:20

Tgt Ion:166 Resp: 842168
Ion Ratio Lower Upper
166 100
165 98.7 79.6 119.4
167 13.5 10.9 16.3



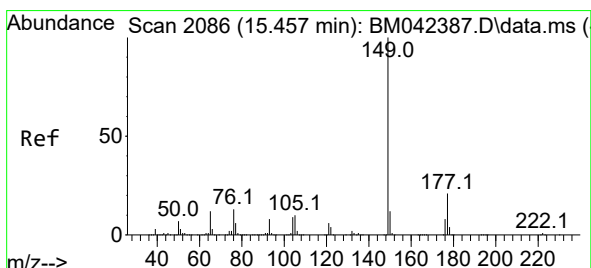
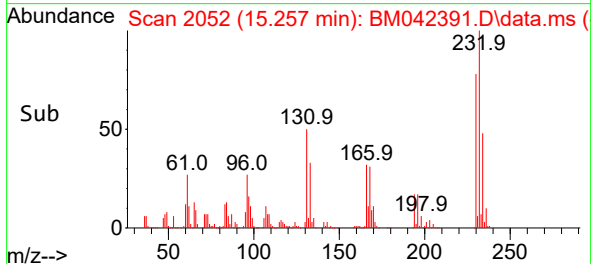
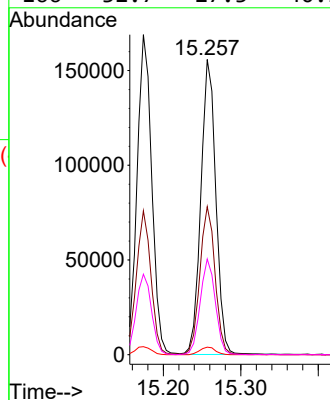
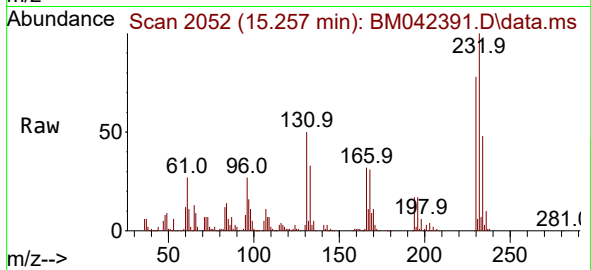


#59
2,3,4,6-Tetrachlorophenol
Concen: 44.171 ng
RT: 15.257 min Scan# 2052
Delta R.T. -0.000 min
Lab File: BM042391.D
Acq: 20 Oct 2023 23:20

Instrument :
BNA_M
ClientSampleId :
ICVBM102123

Tgt Ion:232 Resp: 209082

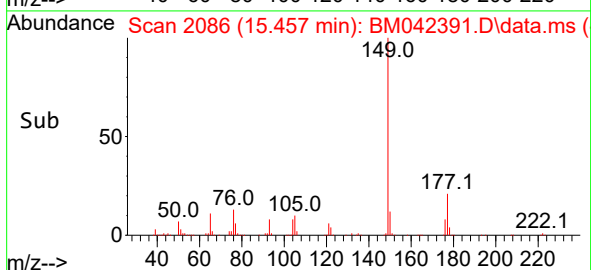
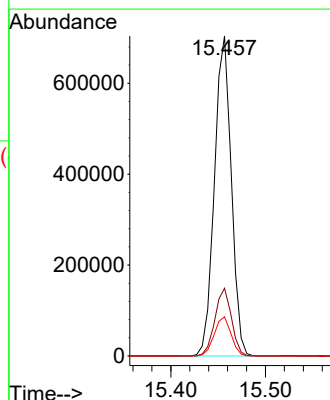
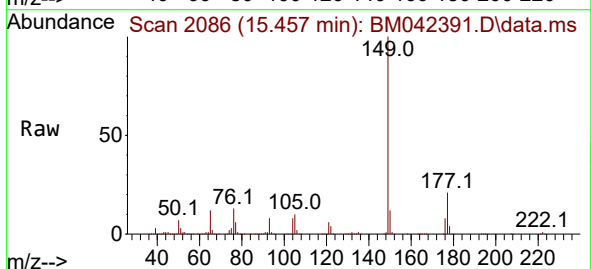
Ion	Ratio	Lower	Upper
232	100		
131	51.1	42.8	64.2
130	2.6	2.2	3.2
166	32.7	27.3	40.9

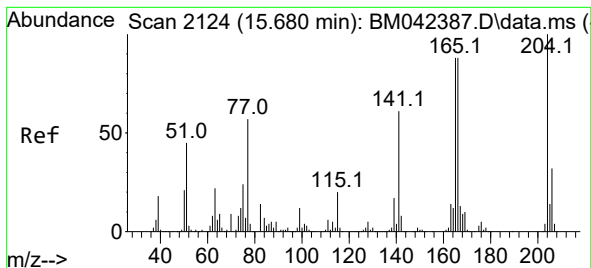


#60
Diethylphthalate
Concen: 42.290 ng
RT: 15.457 min Scan# 2086
Delta R.T. -0.000 min
Lab File: BM042391.D
Acq: 20 Oct 2023 23:20

Tgt Ion:149 Resp: 871859

Ion	Ratio	Lower	Upper
149	100		
177	21.1	16.7	25.1
150	12.3	9.8	14.6

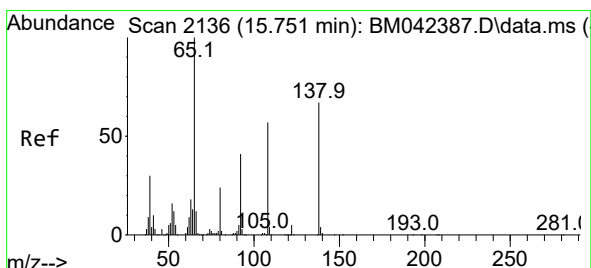
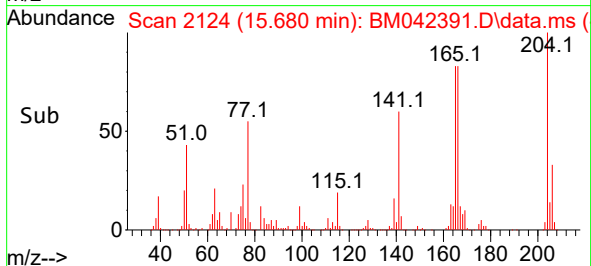
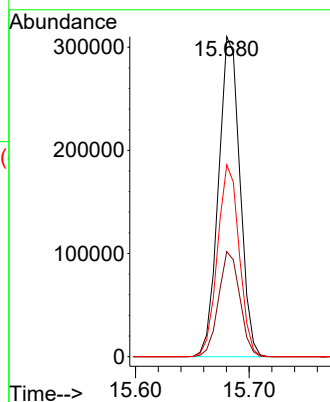
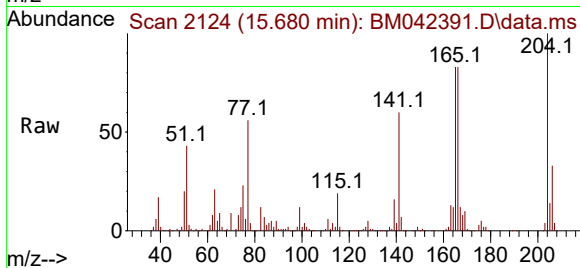




#61
4-Chlorophenyl-phenylether
Concen: 42.829 ng
RT: 15.680 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BM042391.D
Acq: 20 Oct 2023 23:20

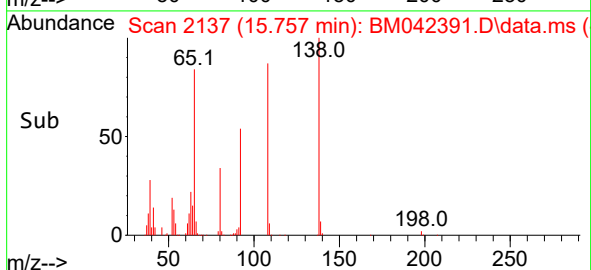
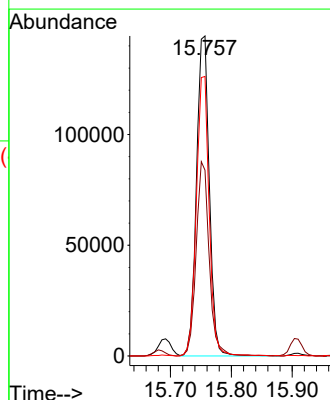
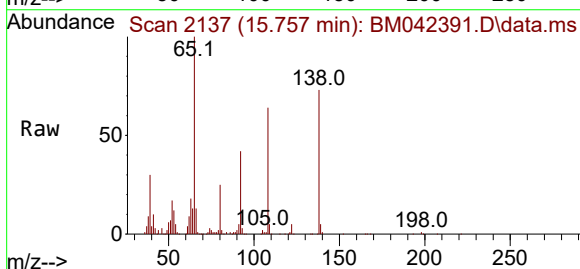
Instrument :
BNA_M
ClientSampleId :
ICVBM102123

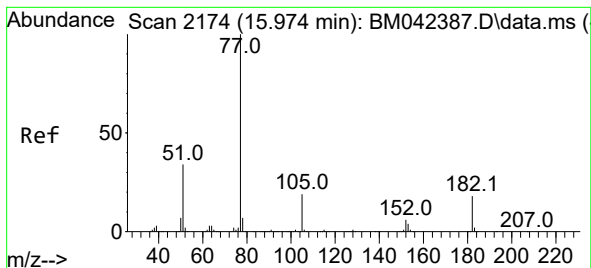
Tgt Ion:204 Resp: 407304
Ion Ratio Lower Upper
204 100
206 32.9 25.4 38.0
141 60.0 49.1 73.7



#62
4-Nitroaniline
Concen: 40.158 ng
RT: 15.757 min Scan# 2137
Delta R.T. 0.006 min
Lab File: BM042391.D
Acq: 20 Oct 2023 23:20

Tgt Ion:138 Resp: 211912
Ion Ratio Lower Upper
138 100
92 58.0 40.4 80.4
108 87.3 65.3 105.3

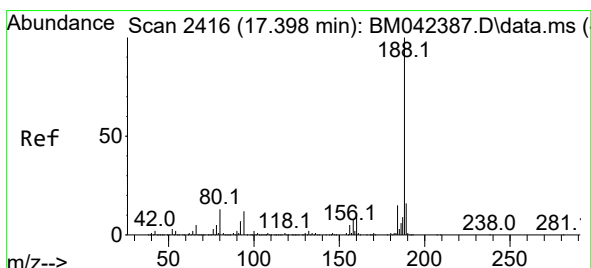
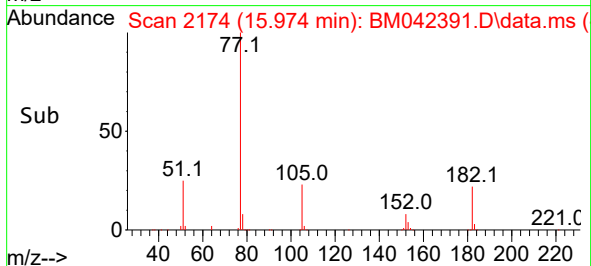
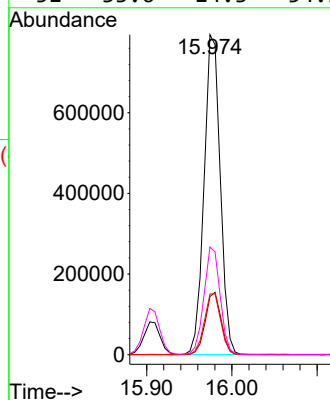
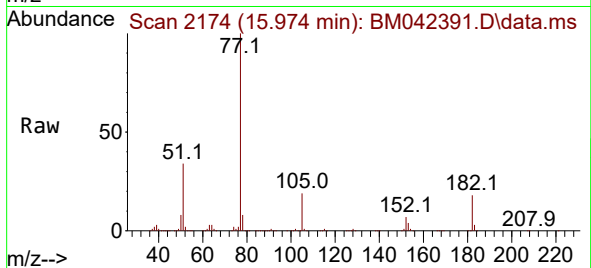




#63
Azobenzene
Concen: 42.325 ng
RT: 15.974 min Scan# 2174
Delta R.T. -0.000 min
Lab File: BM042391.D
Acq: 20 Oct 2023 23:20

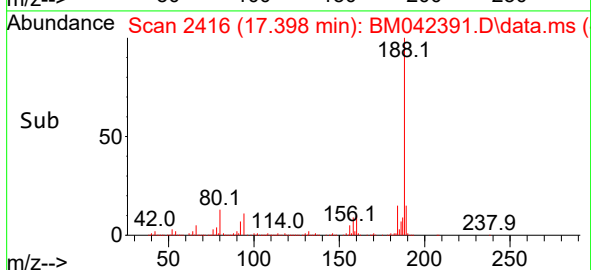
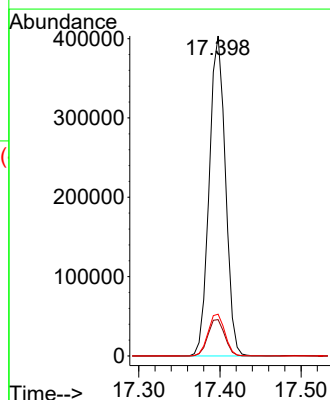
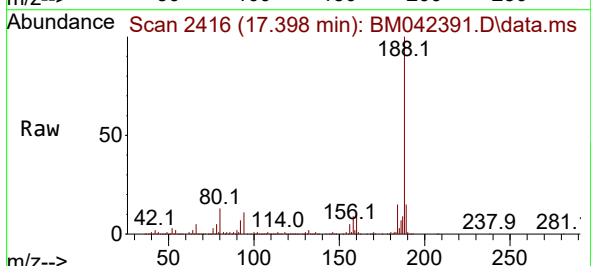
Instrument :
BNA_M
ClientSampleId :
ICVBM102123

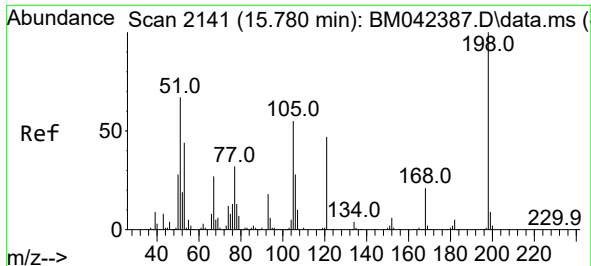
Tgt Ion: 77 Resp: 1046886
Ion Ratio Lower Upper
77 100
182 18.1 0.0 37.7
105 19.0 0.0 38.9
51 33.6 14.3 54.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.398 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BM042391.D
Acq: 20 Oct 2023 23:20

Tgt Ion:188 Resp: 558514
Ion Ratio Lower Upper
188 100
94 11.3 9.4 14.0
80 13.1 10.7 16.1

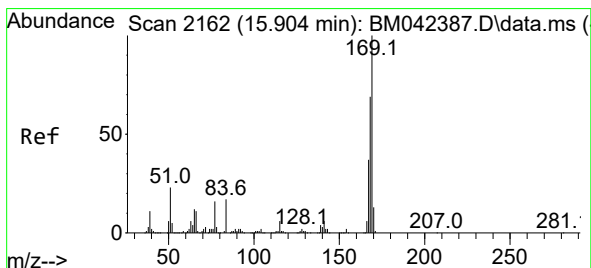
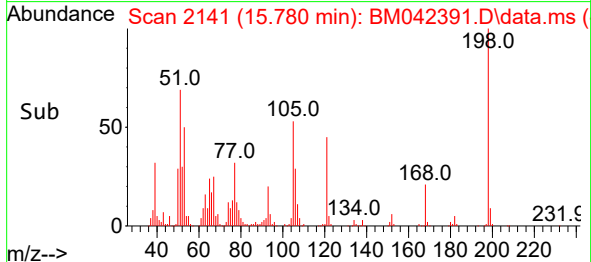
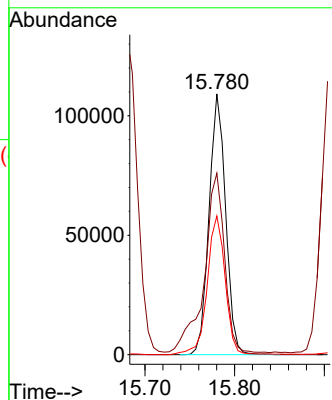
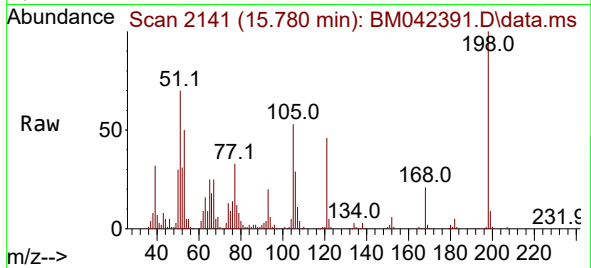




#65
4,6-Dinitro-2-methylphenol
Concen: 40.325 ng
RT: 15.780 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BM042391.D
Acq: 20 Oct 2023 23:20

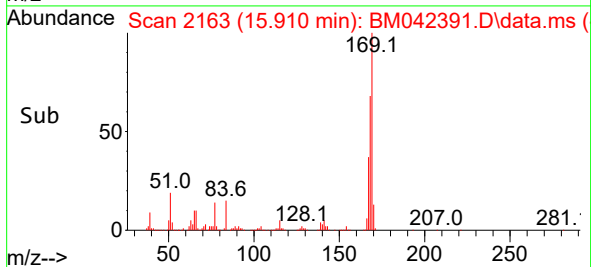
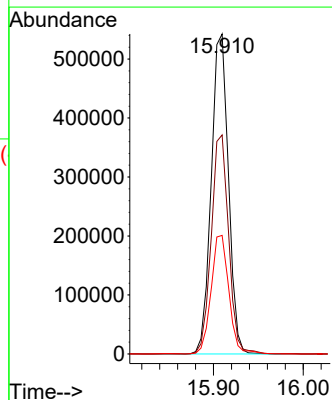
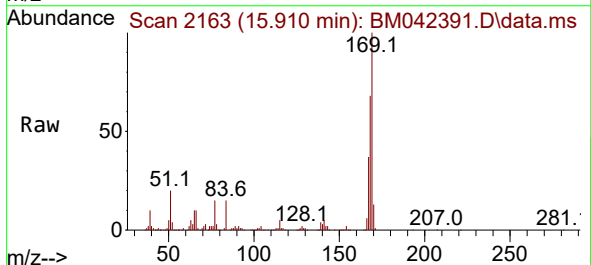
Instrument :
BNA_M
ClientSampleId :
ICVBM102123

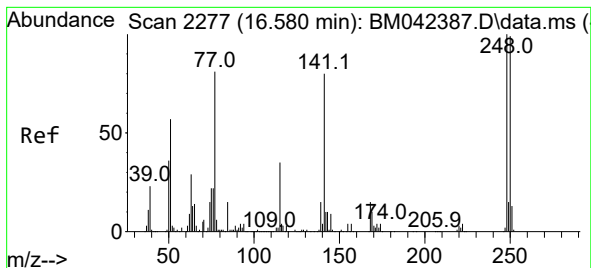
Tgt Ion:198 Resp: 139884
Ion Ratio Lower Upper
198 100
51 69.6 54.1 94.1
105 53.2 35.9 75.9



#66
n-Nitrosodiphenylamine
Concen: 42.871 ng
RT: 15.910 min Scan# 2163
Delta R.T. 0.006 min
Lab File: BM042391.D
Acq: 20 Oct 2023 23:20

Tgt Ion:169 Resp: 721183
Ion Ratio Lower Upper
169 100
168 68.4 55.4 83.2
167 37.0 29.9 44.9

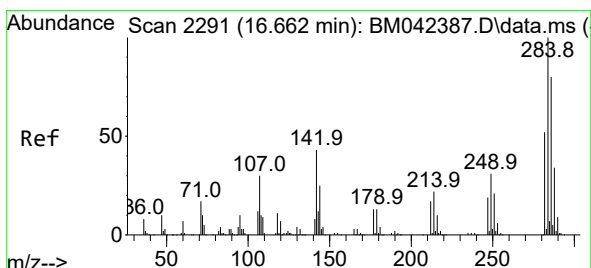
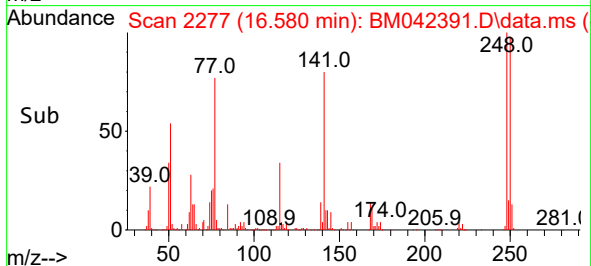
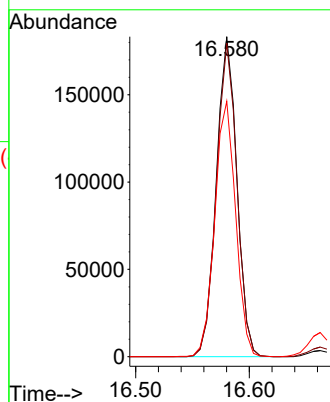
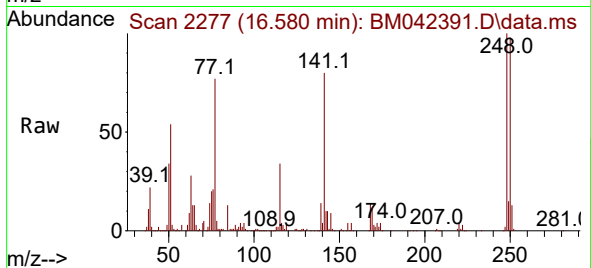




#67
4-Bromophenyl-phenylether
Concen: 44.650 ng
RT: 16.580 min Scan# 211
Delta R.T. -0.000 min
Lab File: BM042391.D
Acq: 20 Oct 2023 23:20

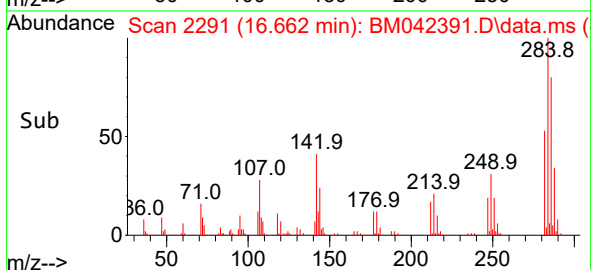
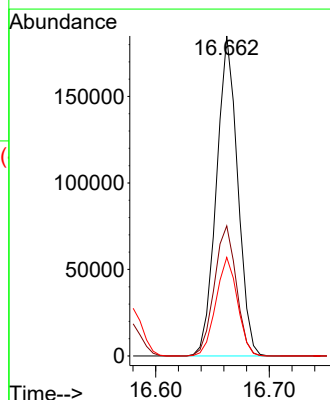
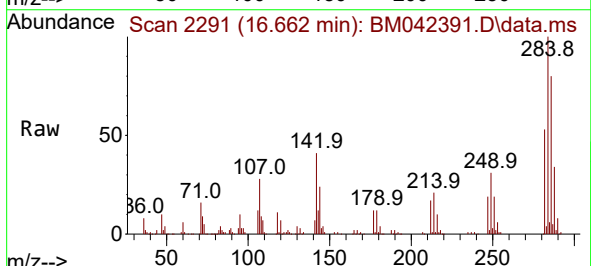
Instrument :
BNA_M
ClientSampleId :
ICVBM102123

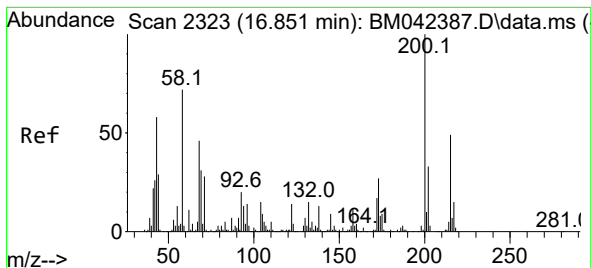
Tgt Ion:248 Resp: 231126
Ion Ratio Lower Upper
248 100
250 97.9 79.4 119.2
141 79.8 64.3 96.5



#68
Hexachlorobenzene
Concen: 43.437 ng
RT: 16.662 min Scan# 2291
Delta R.T. -0.000 min
Lab File: BM042391.D
Acq: 20 Oct 2023 23:20

Tgt Ion:284 Resp: 240339
Ion Ratio Lower Upper
284 100
142 40.6 34.2 51.2
249 30.8 24.7 37.1





#69

Atrazine

Concen: 45.154 ng

RT: 16.851 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM042391.D

Acq: 20 Oct 2023 23:20

Instrument :

BNA_M

ClientSampleId :

ICVBM102123

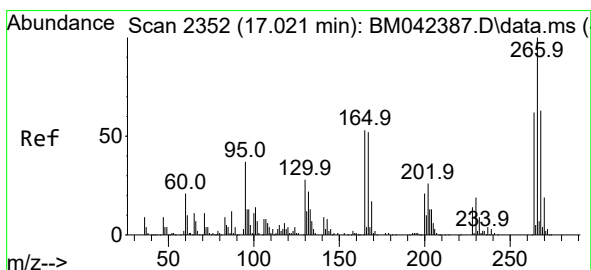
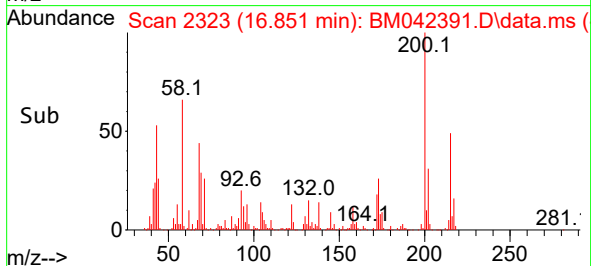
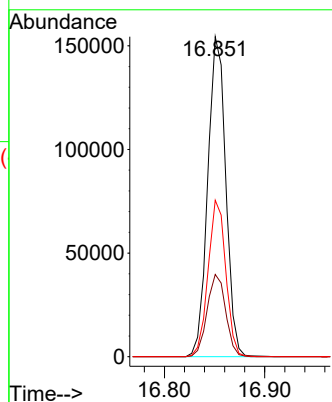
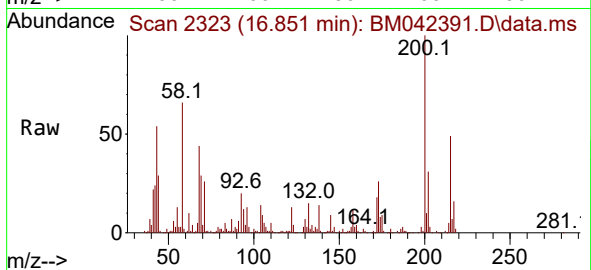
Tgt Ion:200 Resp: 192627

Ion Ratio Lower Upper

200 100

173 25.7 6.6 46.6

215 48.9 28.6 68.6



#70

Pentachlorophenol

Concen: 40.963 ng

RT: 17.027 min Scan# 2353

Delta R.T. 0.006 min

Lab File: BM042391.D

Acq: 20 Oct 2023 23:20

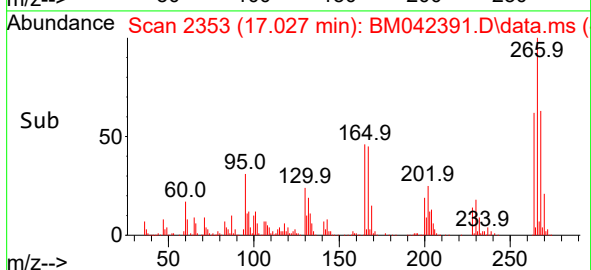
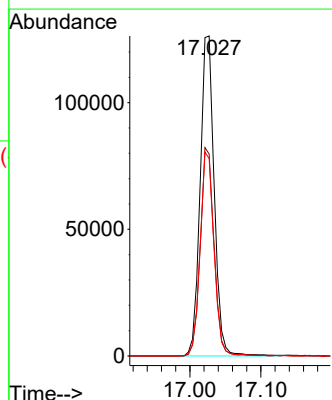
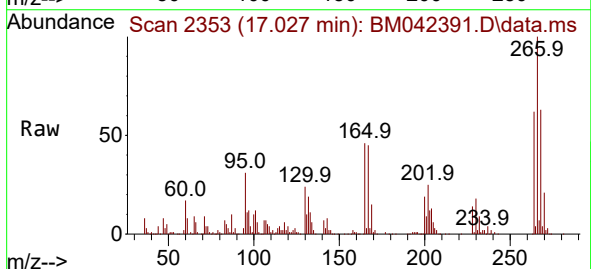
Tgt Ion:266 Resp: 174631

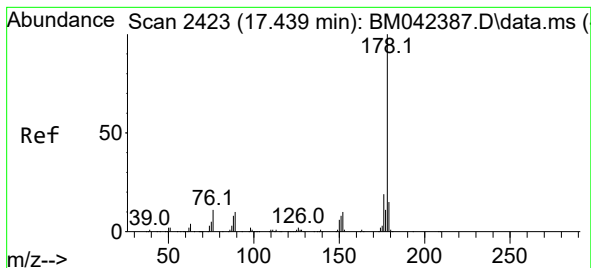
Ion Ratio Lower Upper

266 100

268 63.1 50.6 76.0

264 61.6 49.4 74.0





#71

Phenanthrene

Concen: 42.307 ng

RT: 17.439 min Scan# 2423

Delta R.T. -0.000 min

Lab File: BM042391.D

Acq: 20 Oct 2023 23:20

Instrument :

BNA_M

ClientSampleId :

ICVBM102123

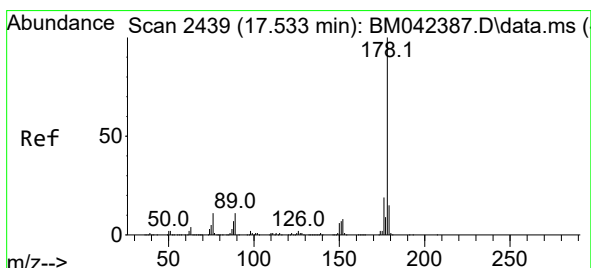
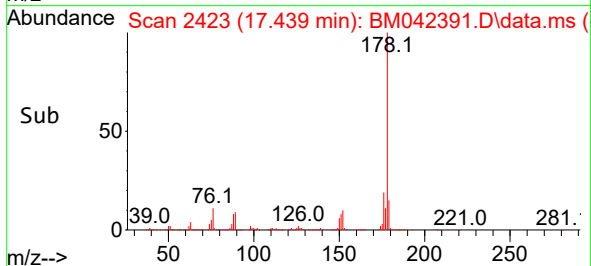
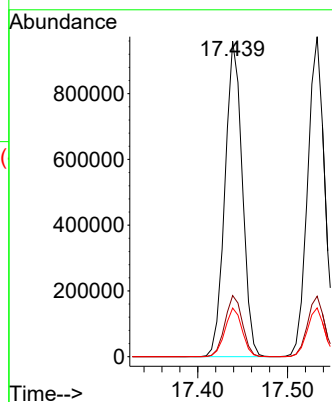
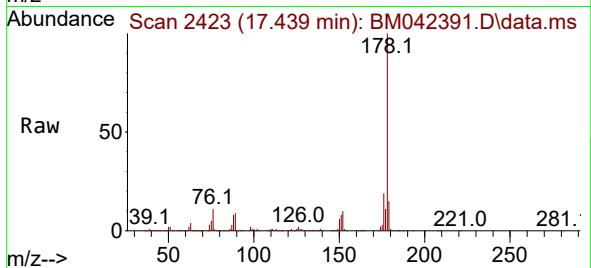
Tgt Ion:178 Resp: 1285443

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

179 15.4 12.3 18.5



#72

Anthracene

Concen: 42.962 ng

RT: 17.533 min Scan# 2439

Delta R.T. -0.000 min

Lab File: BM042391.D

Acq: 20 Oct 2023 23:20

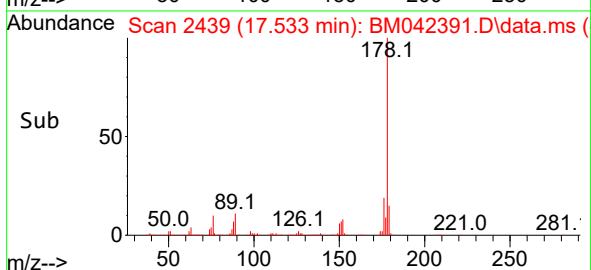
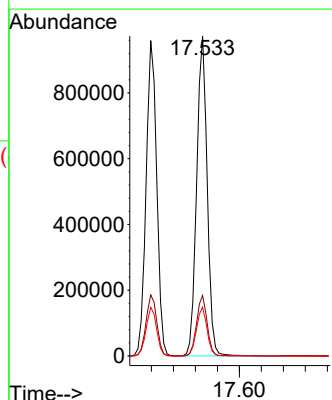
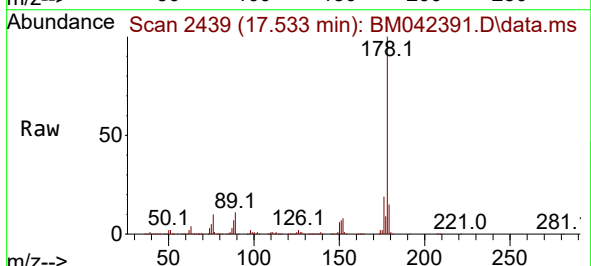
Tgt Ion:178 Resp: 1292761

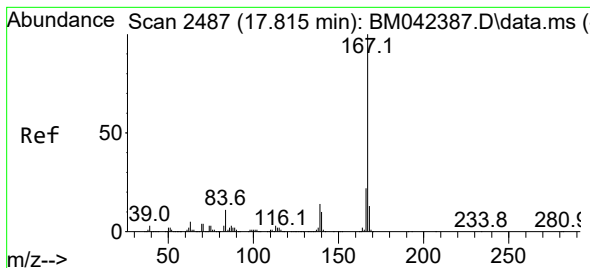
Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

179 15.3 12.1 18.1





#73

Carbazole

Concen: 43.045 ng

RT: 17.815 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM042391.D

Acq: 20 Oct 2023 23:20

Instrument :

BNA_M

ClientSampleId :

ICVBM102123

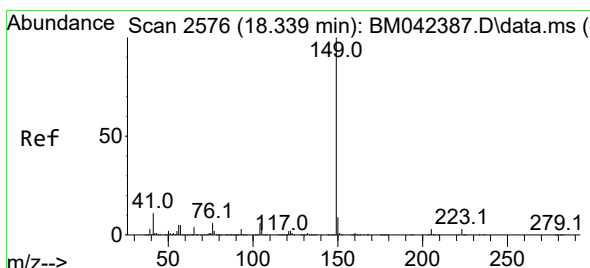
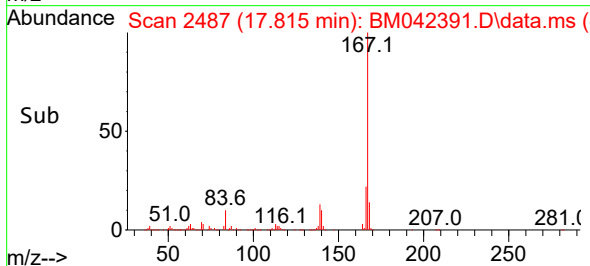
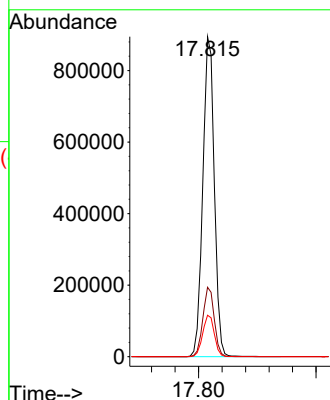
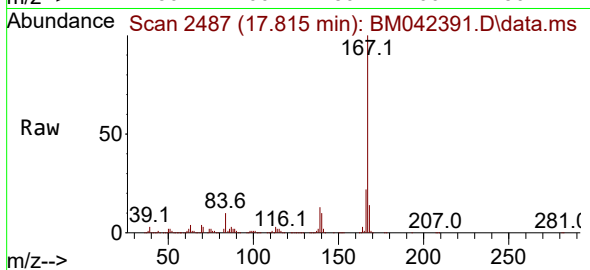
Tgt Ion:167 Resp: 1215118

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.0

139 12.9 10.9 16.3



#74

Di-n-butylphthalate

Concen: 40.497 ng

RT: 18.339 min Scan# 2576

Delta R.T. -0.000 min

Lab File: BM042391.D

Acq: 20 Oct 2023 23:20

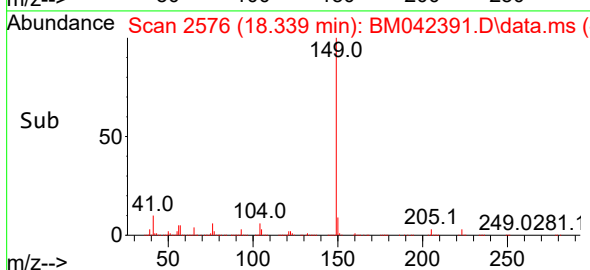
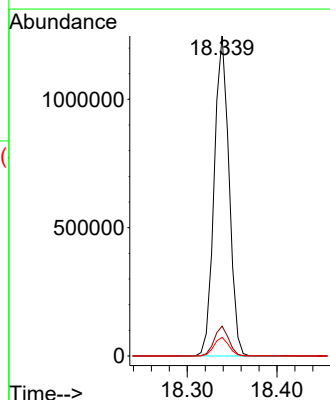
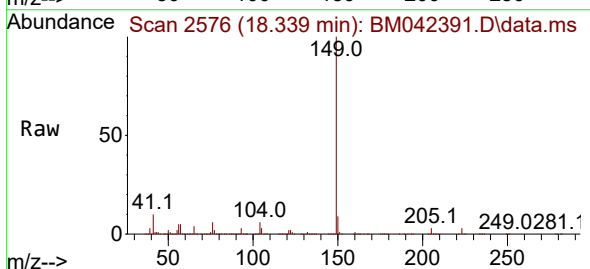
Tgt Ion:149 Resp: 1430897

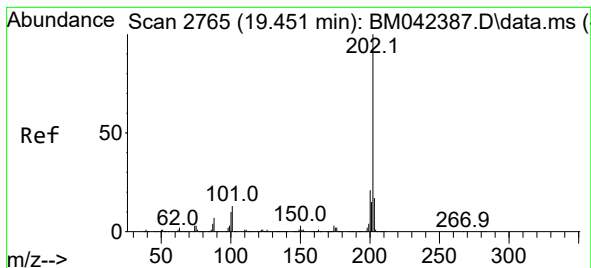
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 5.8 4.6 7.0





#75

Fluoranthene

Concen: 43.409 ng

RT: 19.451 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM042391.D

Acq: 20 Oct 2023 23:20

Instrument :

BNA_M

ClientSampleId :

ICVBM102123

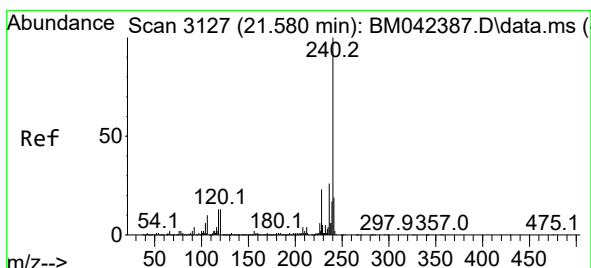
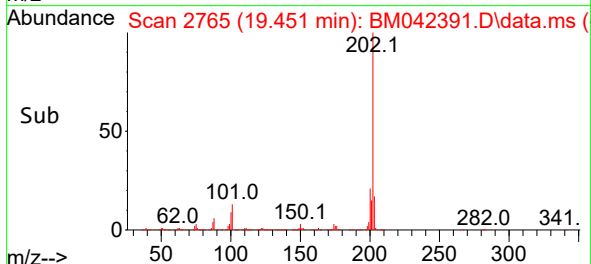
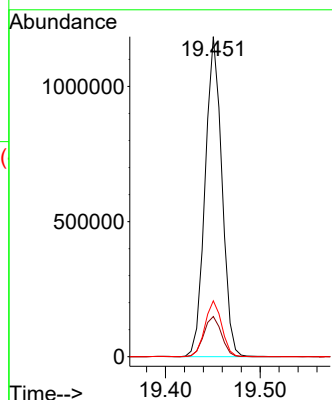
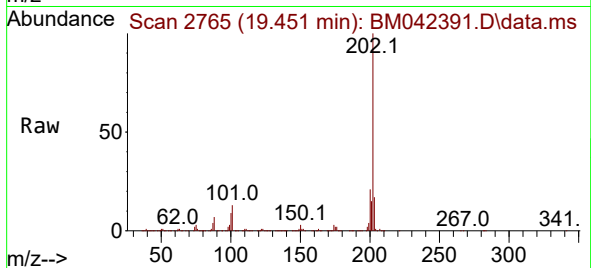
Tgt Ion:202 Resp: 1452567

Ion Ratio Lower Upper

202 100

101 12.5 0.0 33.3

203 17.5 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.580 min Scan# 3127

Delta R.T. -0.000 min

Lab File: BM042391.D

Acq: 20 Oct 2023 23:20

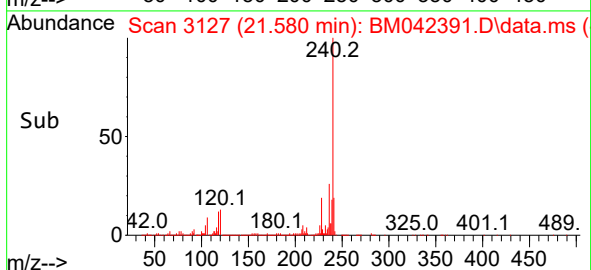
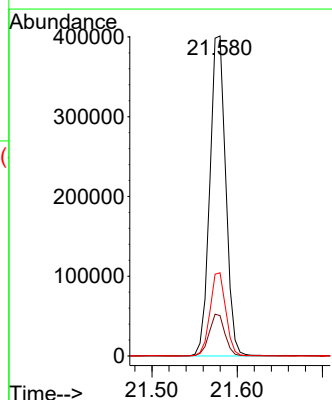
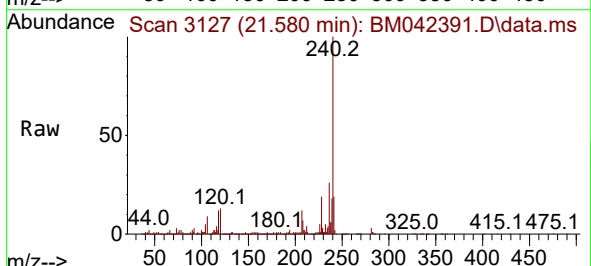
Tgt Ion:240 Resp: 519713

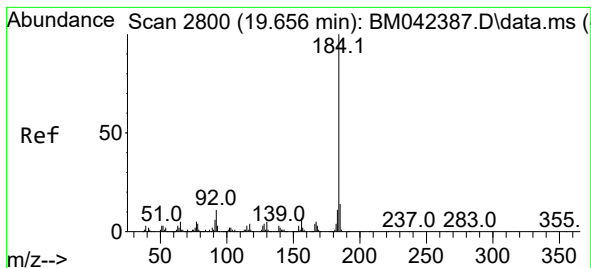
Ion Ratio Lower Upper

240 100

120 12.6 10.7 16.1

236 26.0 20.7 31.1





#77

Benzidine

Concen: 34.997 ng

RT: 19.656 min Scan# 2800

Delta R.T. -0.000 min

Lab File: BM042391.D

Acq: 20 Oct 2023 23:20

Instrument :

BNA_M

ClientSampleId :

ICVBM102123

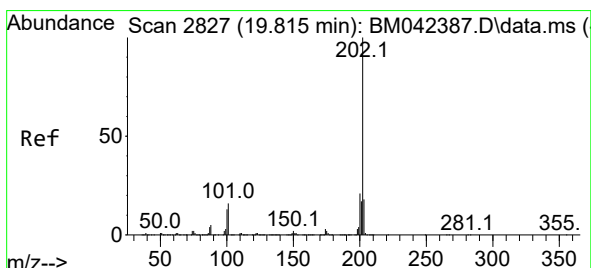
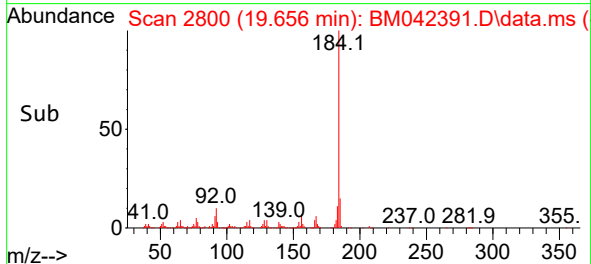
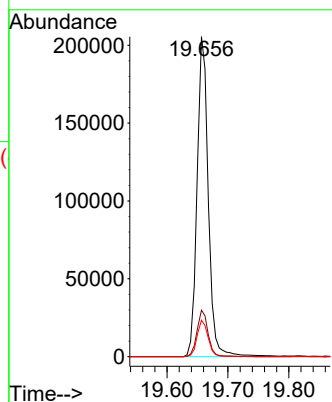
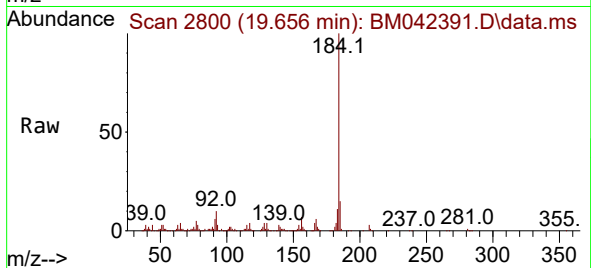
Tgt Ion:184 Resp: 263083

Ion Ratio Lower Upper

184 100

185 14.5 11.5 17.3

183 11.4 9.2 13.8



#78

Pyrene

Concen: 41.890 ng

RT: 19.815 min Scan# 2827

Delta R.T. -0.000 min

Lab File: BM042391.D

Acq: 20 Oct 2023 23:20

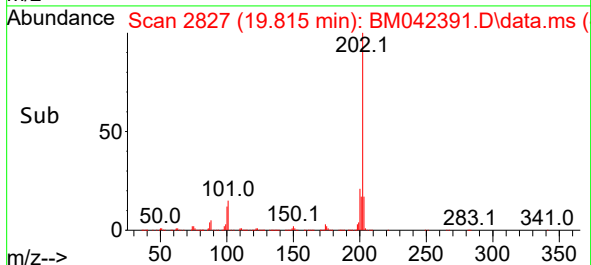
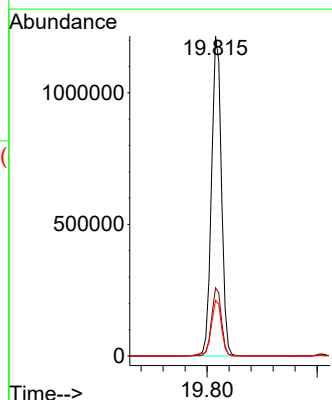
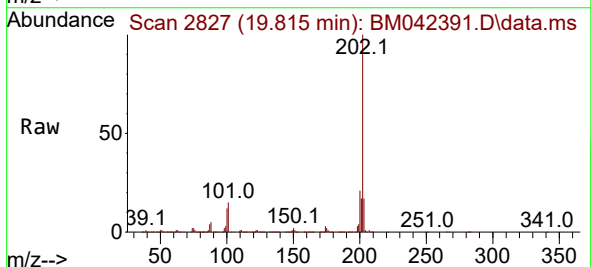
Tgt Ion:202 Resp: 1521319

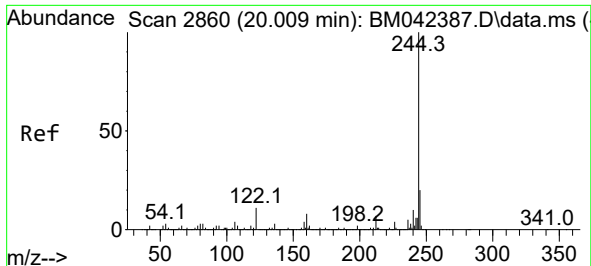
Ion Ratio Lower Upper

202 100

200 21.3 17.1 25.7

203 17.4 14.1 21.1

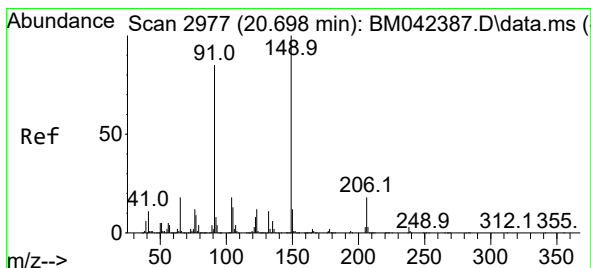
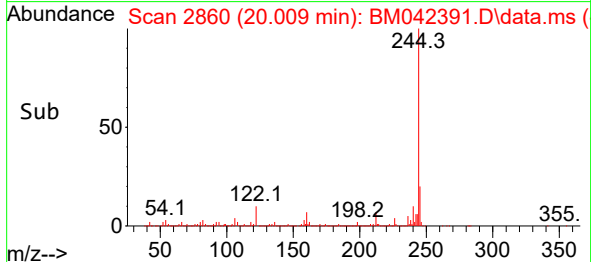
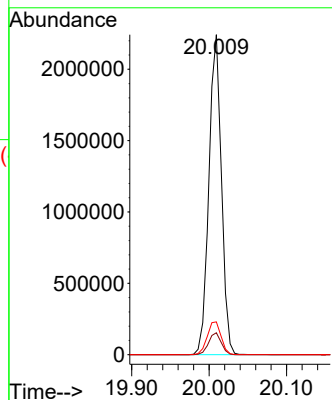
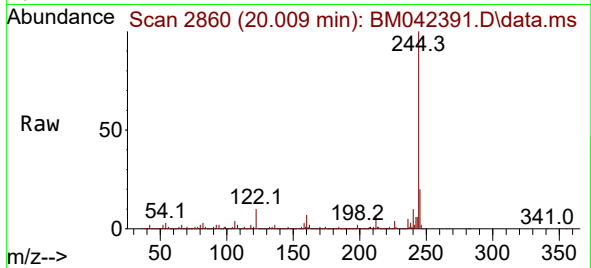




#79
 Terphenyl-d14
 Concen: 85.737 ng
 RT: 20.009 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM042391.D
 Acq: 20 Oct 2023 23:20

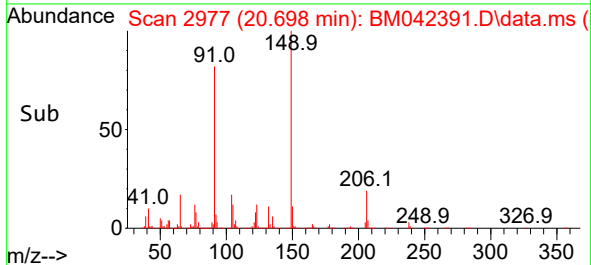
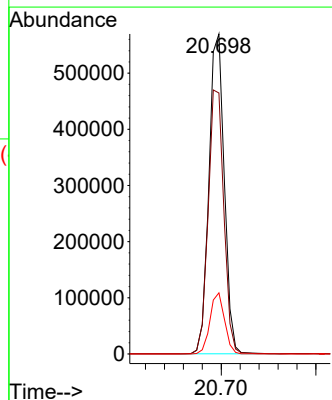
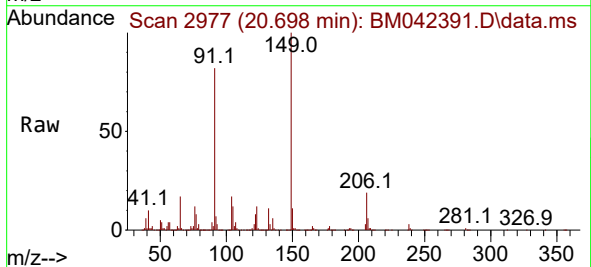
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM102123

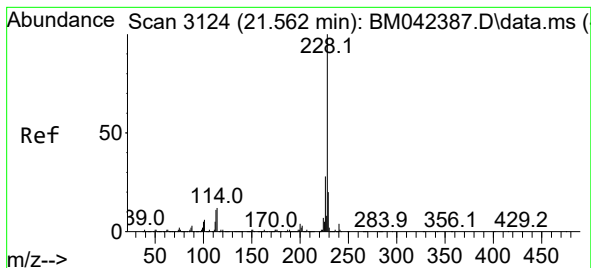
Tgt Ion:244 Resp: 2512488
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.3 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 39.503 ng
 RT: 20.698 min Scan# 2977
 Delta R.T. -0.000 min
 Lab File: BM042391.D
 Acq: 20 Oct 2023 23:20

Tgt Ion:149 Resp: 640125
 Ion Ratio Lower Upper
 149 100
 91 81.6 68.3 102.5
 206 19.1 14.6 22.0





#81

Benzo(a)anthracene

Concen: 42.088 ng

RT: 21.562 min Scan# 3124

Delta R.T. 0.000 min

Lab File: BM042391.D

Acq: 20 Oct 2023 23:20

Instrument :

BNA_M

ClientSampleId :

ICVBM102123

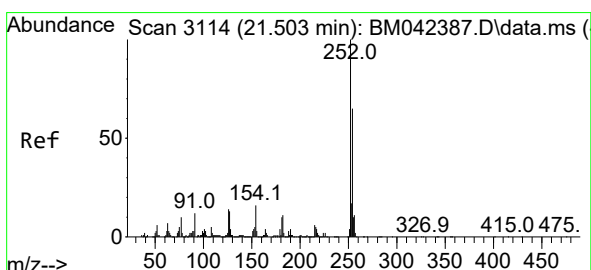
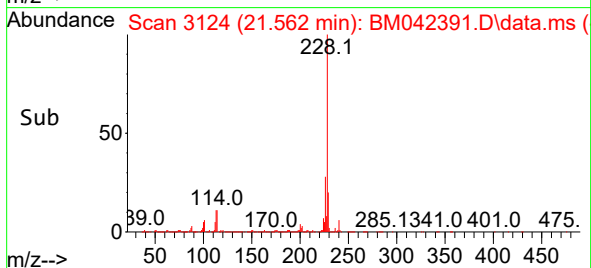
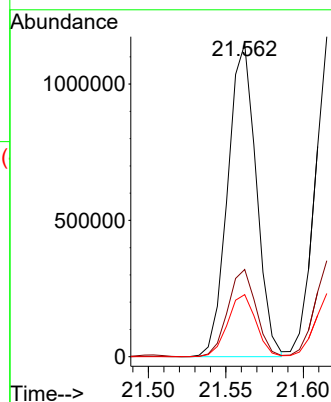
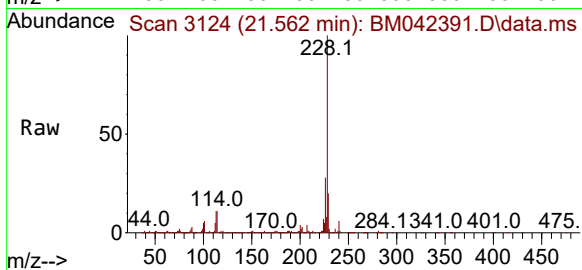
Tgt Ion:228 Resp: 1466365

Ion Ratio Lower Upper

228 100

226 27.9 22.2 33.4

229 19.8 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 43.304 ng

RT: 21.503 min Scan# 3114

Delta R.T. 0.000 min

Lab File: BM042391.D

Acq: 20 Oct 2023 23:20

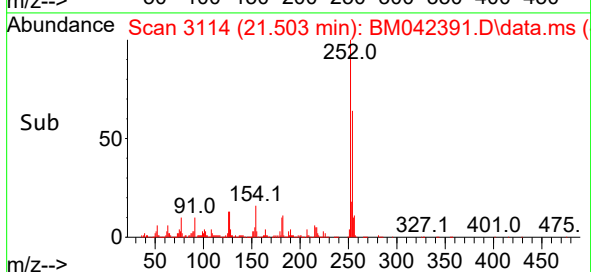
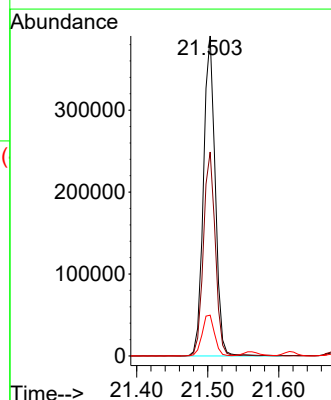
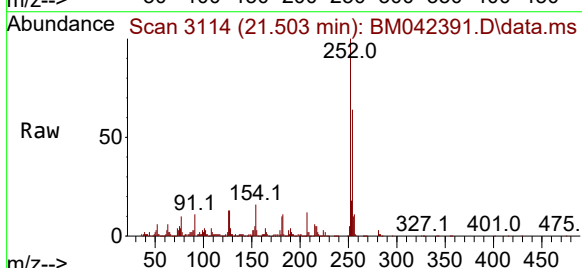
Tgt Ion:252 Resp: 450387

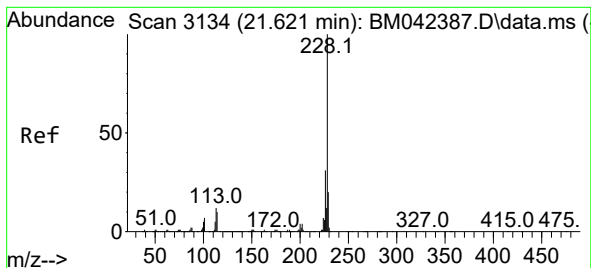
Ion Ratio Lower Upper

252 100

254 63.8 52.2 78.2

126 12.8 11.4 17.2





#83

Chrysene

Concen: 41.818 ng

RT: 21.615 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM042391.D

Acq: 20 Oct 2023 23:20

Instrument :

BNA_M

ClientSampleId :

ICVBM102123

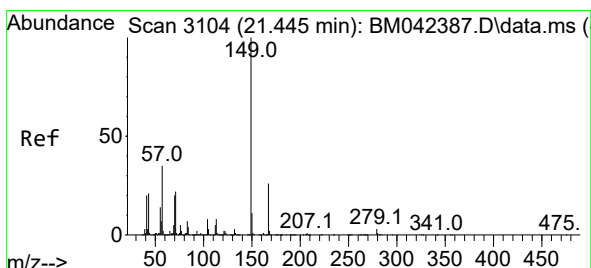
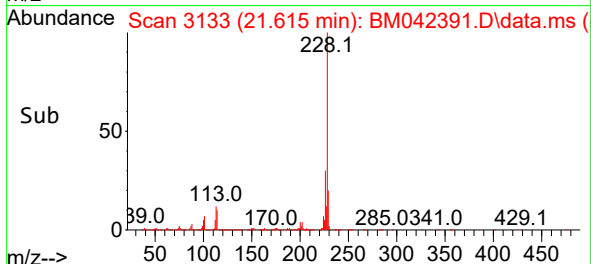
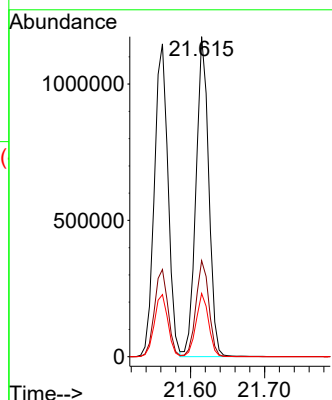
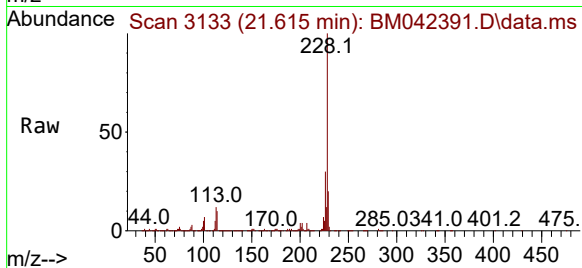
Tgt Ion:228 Resp: 1399353

Ion Ratio Lower Upper

228 100

226 30.0 24.6 36.8

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.189 ng

RT: 21.439 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BM042391.D

Acq: 20 Oct 2023 23:20

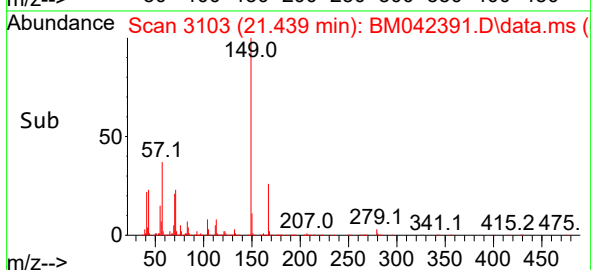
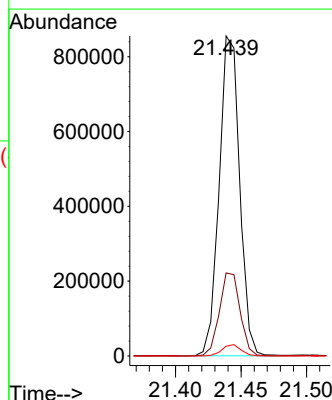
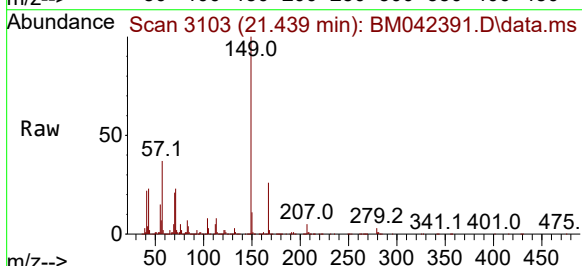
Tgt Ion:149 Resp: 926763

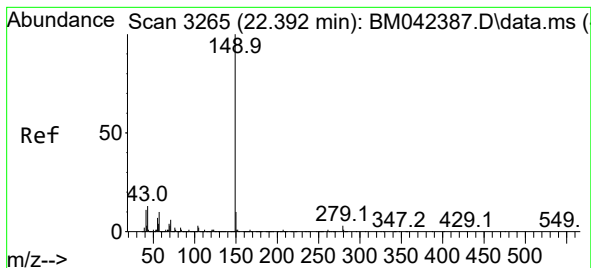
Ion Ratio Lower Upper

149 100

167 25.9 20.9 31.3

279 3.0 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 39.843 ng

RT: 22.386 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM042391.D

Acq: 20 Oct 2023 23:20

Instrument :

BNA_M

ClientSampleId :

ICVBM102123

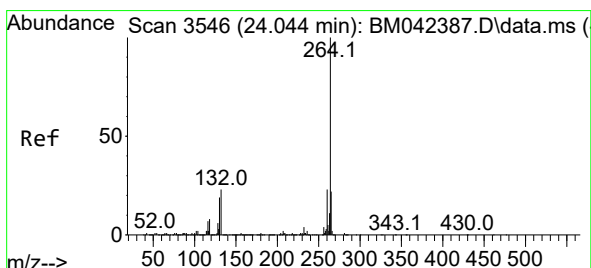
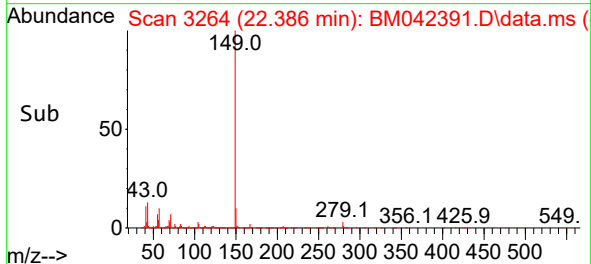
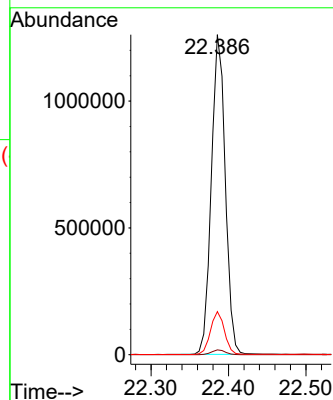
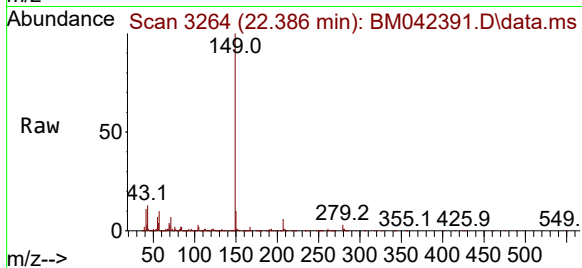
Tgt Ion:149 Resp: 1575425

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 13.5 11.0 16.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.044 min Scan# 3546

Delta R.T. -0.000 min

Lab File: BM042391.D

Acq: 20 Oct 2023 23:20

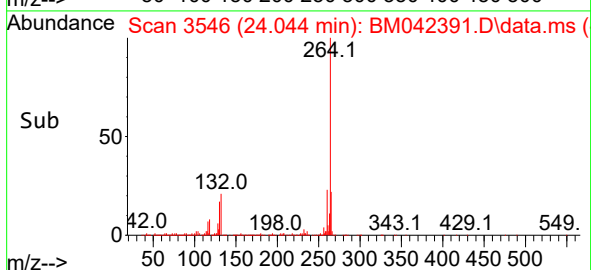
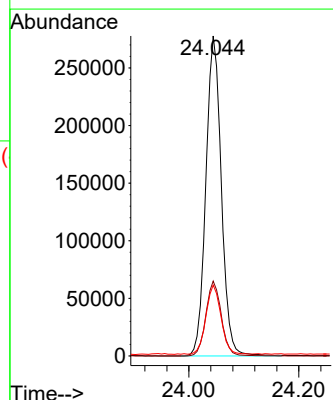
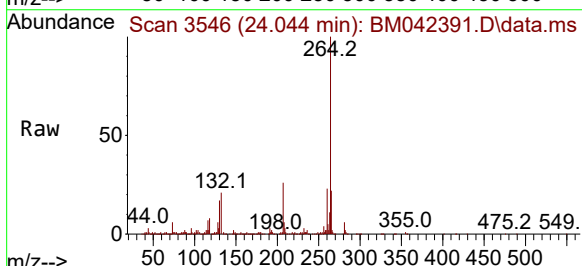
Tgt Ion:264 Resp: 542236

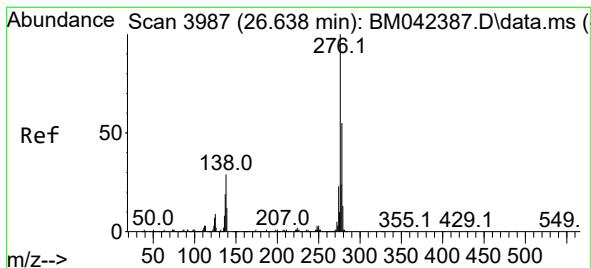
Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 22.1 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.555 ng

RT: 26.644 min Scan# 3988

Delta R.T. 0.006 min

Lab File: BM042391.D

Acq: 20 Oct 2023 23:20

Instrument :

BNA_M

ClientSampleId :

ICVBM102123

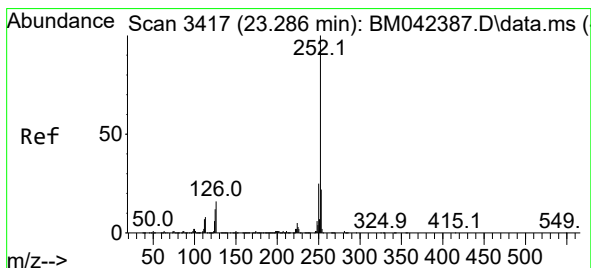
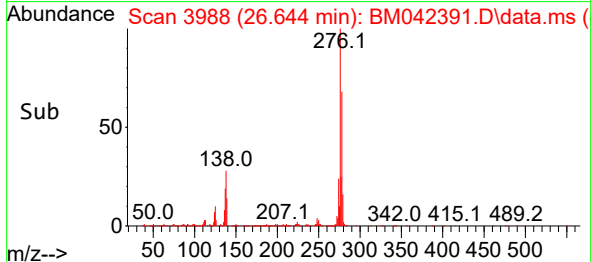
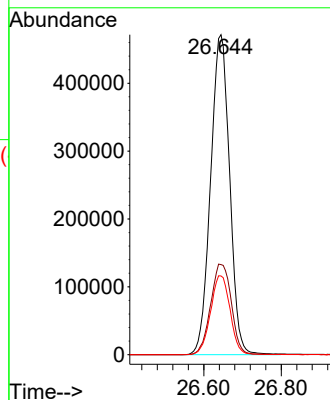
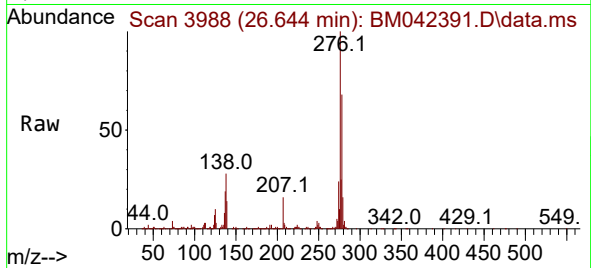
Tgt Ion:276 Resp: 1607037

Ion Ratio Lower Upper

276 100

138 30.8 25.6 38.4

277 25.3 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 42.157 ng

RT: 23.280 min Scan# 3416

Delta R.T. -0.006 min

Lab File: BM042391.D

Acq: 20 Oct 2023 23:20

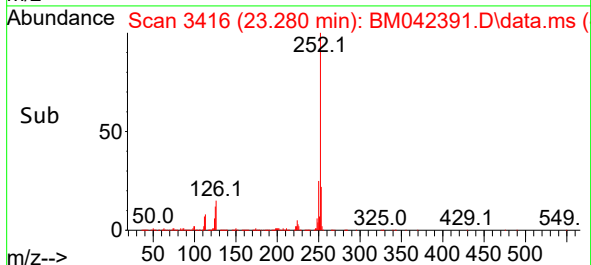
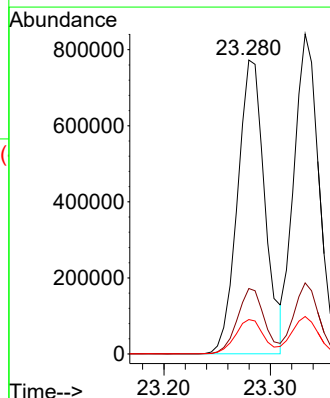
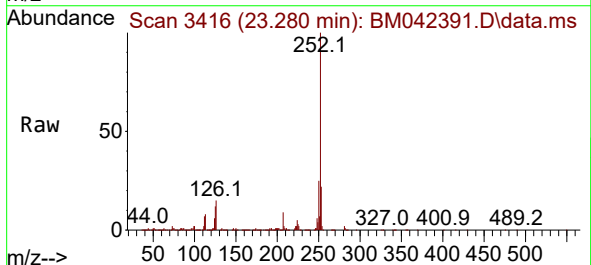
Tgt Ion:252 Resp: 1375937

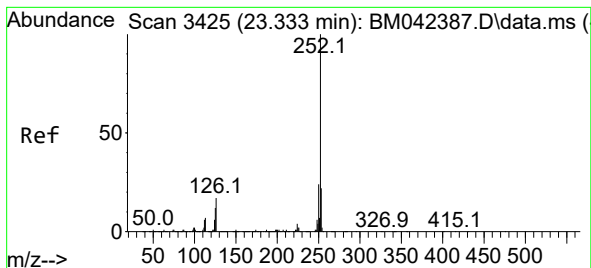
Ion Ratio Lower Upper

252 100

253 22.3 18.0 27.0

125 11.7 9.8 14.8





#89

Benzo(k)fluoranthene

Concen: 40.410 ng

RT: 23.333 min Scan# 34

Delta R.T. -0.000 min

Lab File: BM042391.D

Acq: 20 Oct 2023 23:20

Instrument :

BNA_M

ClientSampleId :

ICVBM102123

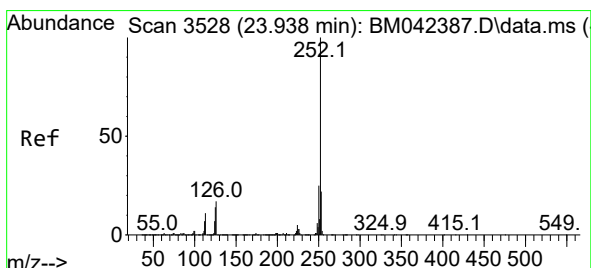
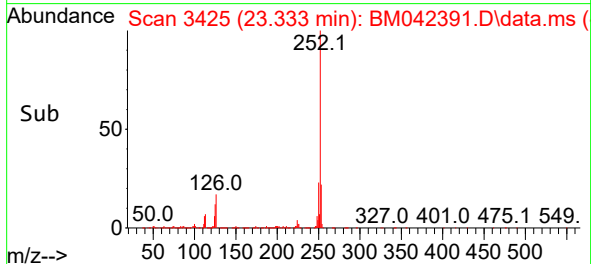
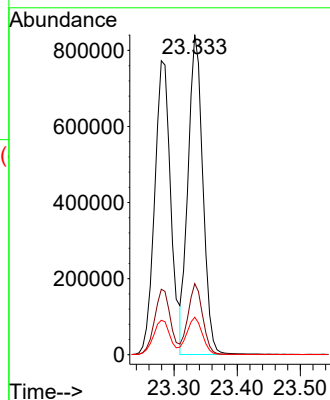
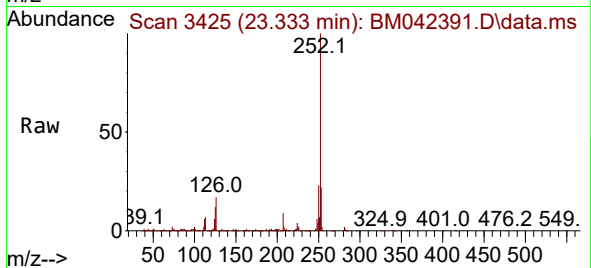
Tgt Ion:252 Resp: 1369326

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

125 11.7 10.2 15.2



#90

Benzo(a)pyrene

Concen: 41.656 ng

RT: 23.938 min Scan# 3528

Delta R.T. -0.000 min

Lab File: BM042391.D

Acq: 20 Oct 2023 23:20

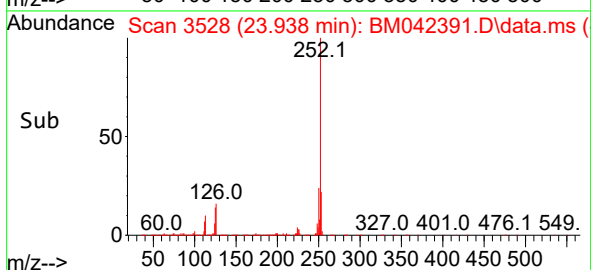
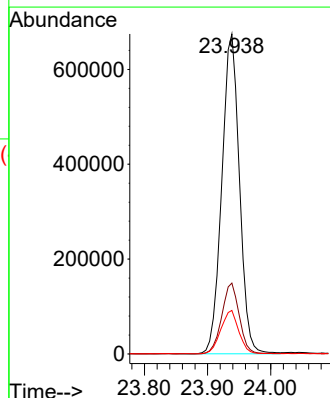
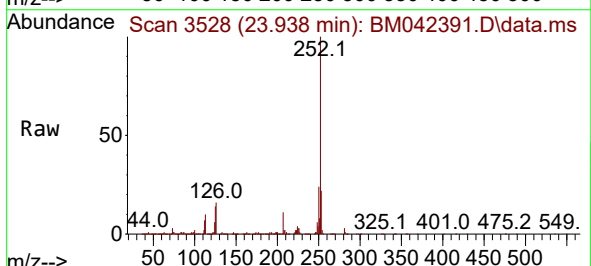
Tgt Ion:252 Resp: 1308615

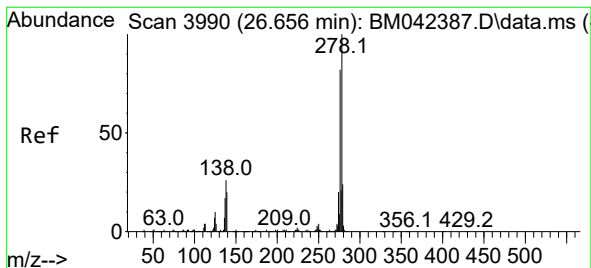
Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

125 13.6 10.9 16.3





#91

Dibenzo(a,h)anthracene

Concen: 40.568 ng

RT: 26.662 min Scan# 3991

Delta R.T. 0.006 min

Lab File: BM042391.D

Acq: 20 Oct 2023 23:20

Instrument :

BNA_M

ClientSampleId :

ICVBM102123

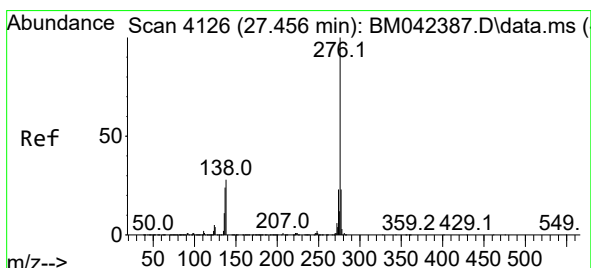
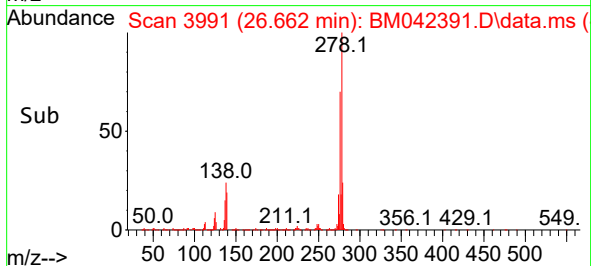
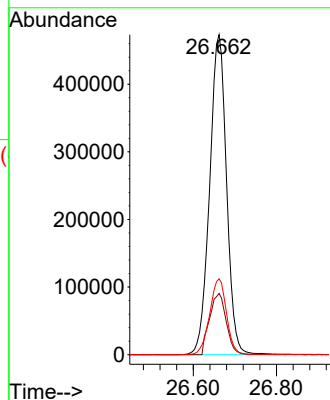
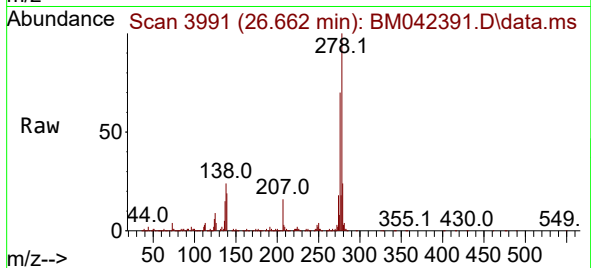
Tgt Ion:278 Resp: 1336582

Ion Ratio Lower Upper

278 100

139 19.2 15.6 23.4

279 23.7 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 41.251 ng

RT: 27.456 min Scan# 4126

Delta R.T. -0.000 min

Lab File: BM042391.D

Acq: 20 Oct 2023 23:20

Tgt Ion:276 Resp: 1319875

Ion Ratio Lower Upper

276 100

277 23.7 18.3 27.5

138 26.1 22.6 34.0

