

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081723\
 Data File : BM041431.D
 Acq On : 17 Aug 2023 11:07
 Operator : MA/JU
 Sample : PB154837BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154837BSD

Quant Time: Aug 17 12:48:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 17 02:13:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	158797	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	629345	20.000	ng	0.00
39) Acenaphthene-d10	14.427	164	385695	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	817150	20.000	ng	0.00
76) Chrysene-d12	21.392	240	615565	20.000	ng	0.00
86) Perylene-d12	23.750	264	530961	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	956074	100.159	ng	0.00
7) Phenol-d6	6.951	99	1196444	92.306	ng	0.00
23) Nitrobenzene-d5	8.945	82	1175361	89.151	ng	0.00
42) 2,4,6-Tribromophenol	15.927	330	517252	84.508	ng	0.00
45) 2-Fluorobiphenyl	13.045	172	2603788	90.464	ng	0.00
79) Terphenyl-d14	19.827	244	3832913	108.354	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.246	88	149959	36.977	ng	98
3) Pyridine	3.646	79	377530	35.235	ng	97
4) n-Nitrosodimethylamine	3.569	42	220357	44.604	ng	99
6) Aniline	7.104	93	562267	36.479	ng	99
8) 2-Chlorophenol	7.328	128	501899	50.891	ng	99
9) Benzaldehyde	6.916	77	226138	31.599	ng	99
10) Phenol	6.975	94	636224	50.804	ng	98
11) bis(2-Chloroethyl)ether	7.198	93	475669	47.480	ng	99
12) 1,3-Dichlorobenzene	7.645	146	546217	49.832	ng	98
13) 1,4-Dichlorobenzene	7.798	146	556553	50.220	ng	99
14) 1,2-Dichlorobenzene	8.110	146	533622	49.886	ng	99
15) Benzyl Alcohol	8.022	79	469322	51.003	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.287	45	553739	46.068	ng	99
17) 2-Methylphenol	8.222	107	419418	46.851	ng	99
18) Hexachloroethane	8.828	117	208656	49.581	ng	97
19) n-Nitroso-di-n-propyla...	8.586	70	392698	44.162	ng	100
20) 3+4-Methylphenols	8.557	107	562575	45.755	ng	99
22) Acetophenone	8.604	105	748368	46.144	ng	# 99
24) Nitrobenzene	8.986	77	602138	45.739	ng	100
25) Isophorone	9.510	82	1045173	43.312	ng	99
26) 2-Nitrophenol	9.692	139	274208	47.706	ng	97
27) 2,4-Dimethylphenol	9.757	122	416487	45.000	ng	99
28) bis(2-Chloroethoxy)met...	9.992	93	619363	44.095	ng	99
29) 2,4-Dichlorophenol	10.222	162	489983	48.325	ng	99
30) 1,2,4-Trichlorobenzene	10.428	180	536042	47.614	ng	99
31) Naphthalene	10.616	128	1481950	45.290	ng	100
32) Benzoic acid	9.957	122	329371	44.309	ng	98
33) 4-Chloroaniline	10.751	127	226504	16.396	ng	98
34) Hexachlorobutadiene	10.880	225	348475	46.805	ng	98
35) Caprolactam	11.575	113	71789	22.839	ng	99
36) 4-Chloro-3-methylphenol	11.886	107	484658	44.914	ng	98
37) 2-Methylnaphthalene	12.233	142	1010063	42.423	ng	99
38) 1-Methylnaphthalene	12.457	142	968647	43.062	ng	99
40) 1,2,4,5-Tetrachloroben...	12.604	216	601210	47.777	ng	99
41) Hexachlorocyclopentadiene	12.569	237	725773	103.920	ng	98
43) 2,4,6-Trichlorophenol	12.857	196	405936	48.202	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081723\
 Data File : BM041431.D
 Acq On : 17 Aug 2023 11:07
 Operator : MA/JU
 Sample : PB154837BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

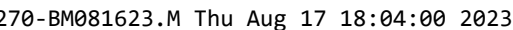
Instrument :
 BNA_M
 ClientSampleId :
 PB154837BSD

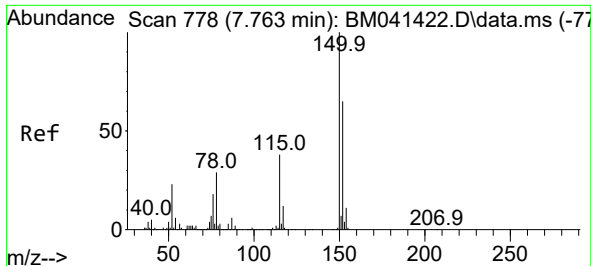
Quant Time: Aug 17 12:48:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 17 02:13:45 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	434320	44.549	ng	98
46) 1,1'-Biphenyl	13.257	154	1349214	46.352	ng	99
47) 2-Chloronaphthalene	13.298	162	1066069	47.652	ng	99
48) 2-Nitroaniline	13.527	65	322998	44.186	ng	95
49) Acenaphthylene	14.151	152	1703221	46.982	ng	99
50) Dimethylphthalate	13.904	163	1315266	43.671	ng	100
51) 2,6-Dinitrotoluene	14.027	165	291534	45.168	ng	98
52) Acenaphthene	14.492	154	974510	44.944	ng	100
53) 3-Nitroaniline	14.363	138	192922	29.971	ng	99
54) 2,4-Dinitrophenol	14.580	184	393270	97.412	ng	97
55) Dibenzofuran	14.827	168	1623004	44.638	ng	100
56) 4-Nitrophenol	14.686	139	460762	95.059	ng	97
57) 2,4-Dinitrotoluene	14.827	165	403362	45.728	ng	94
58) Fluorene	15.480	166	1303376	44.730	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.063	232	387469	46.764	ng	98
60) Diethylphthalate	15.263	149	1292498	42.953	ng	100
61) 4-Chlorophenyl-phenyle...	15.474	204	690895	43.979	ng	99
62) 4-Nitroaniline	15.539	138	247181	42.093	ng	99
63) Azobenzene	15.768	77	1323191	43.644	ng	99
65) 4,6-Dinitro-2-methylph...	15.592	198	244415	46.725	ng	96
66) n-Nitrosodiphenylamine	15.698	169	1101900	45.809	ng	99
67) 4-Bromophenyl-phenylether	16.374	248	428613	45.772	ng	98
68) Hexachlorobenzene	16.480	284	498951	48.825	ng	99
69) Atrazine	16.662	200	410264	60.103	ng	99
70) Pentachlorophenol	16.839	266	576094	80.506	ng	99
71) Phenanthrene	17.227	178	1978863	45.876	ng	99
72) Anthracene	17.321	178	1985735	45.399	ng	99
73) Carbazole	17.604	167	1761886	45.271	ng	100
74) Di-n-butylphthalate	18.162	149	2167336	44.329	ng	100
75) Fluoranthene	19.256	202	2239669	43.612	ng	99
77) Benzidine	19.456	184	654356	92.738	ng	99
78) Pyrene	19.621	202	2304338	52.343	ng	100
80) Butylbenzylphthalate	20.527	149	851192	48.274	ng	96
81) Benzo(a)anthracene	21.374	228	1983037	47.175	ng	100
82) 3,3'-Dichlorobenzidine	21.321	252	540977	39.790	ng	98
83) Chrysene	21.433	228	1817070	45.475	ng	99
84) Bis(2-ethylhexyl)phtha...	21.297	149	1159838	46.300	ng	99
85) Di-n-octyl phthalate	22.215	149	1743395	42.563	ng	98
87) Indeno(1,2,3-cd)pyrene	26.191	276	1628274	47.101	ng	99
88) Benzo(b)fluoranthene	23.033	252	1604424	50.699	ng	99
89) Benzo(k)fluoranthene	23.080	252	1575849	49.274	ng	99
90) Benzo(a)pyrene	23.644	252	1340213	44.475	ng	99
91) Dibenzo(a,h)anthracene	26.203	278	1371028	47.156	ng	99
92) Benzo(g,h,i)perylene	26.938	276	1312936	46.713	ng	98

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

Quant Time: Aug 17 12:48:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 17 02:13:45 2023
Response via : Initial Calibration

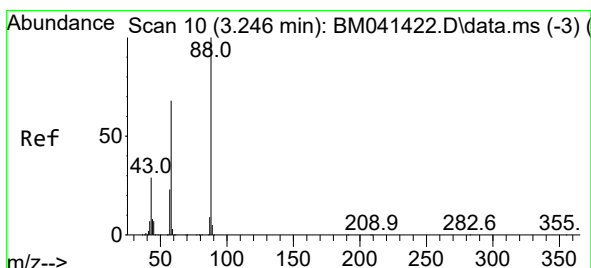
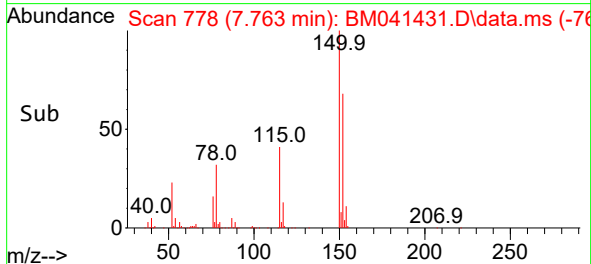
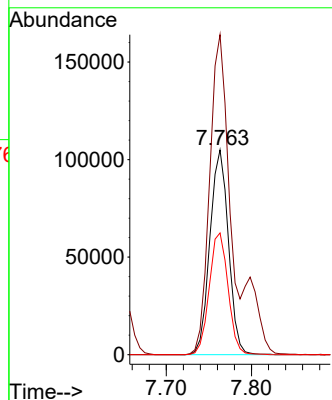
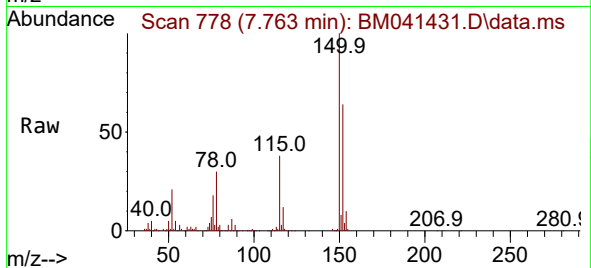




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 778
Delta R.T. 0.000 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

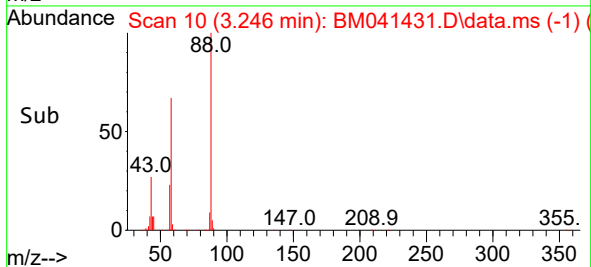
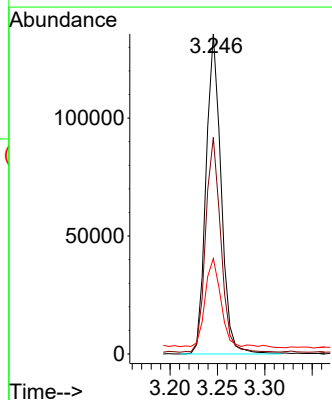
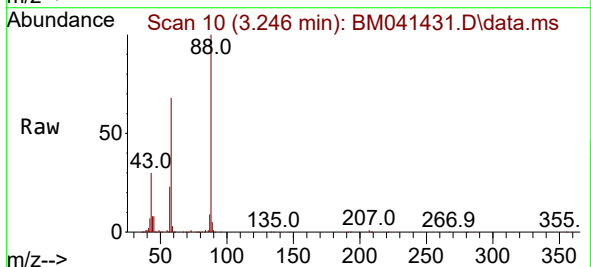
Instrument :
BNA_M
ClientSampleId :
PB154837BSD

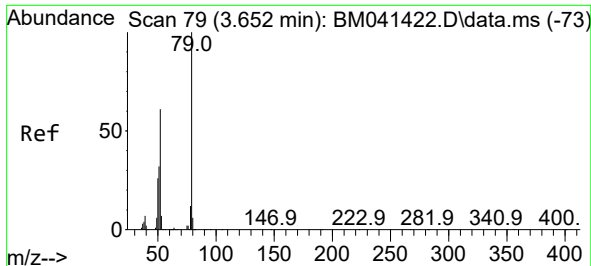
Tgt Ion:152 Resp: 158797
Ion Ratio Lower Upper
152 100
150 156.3 123.8 185.6
115 59.5 46.6 70.0



#2
1,4-Dioxane
Concen: 36.977 ng
RT: 3.246 min Scan# 10
Delta R.T. -0.000 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

Tgt Ion: 88 Resp: 149959
Ion Ratio Lower Upper
88 100
58 67.4 55.1 82.7
43 30.2 23.2 34.8

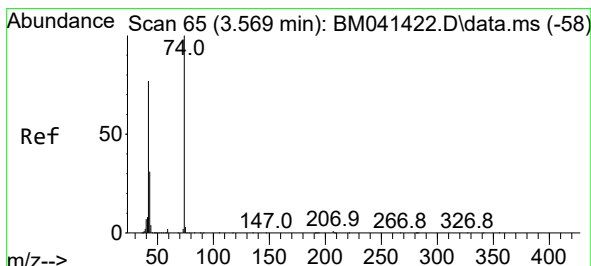
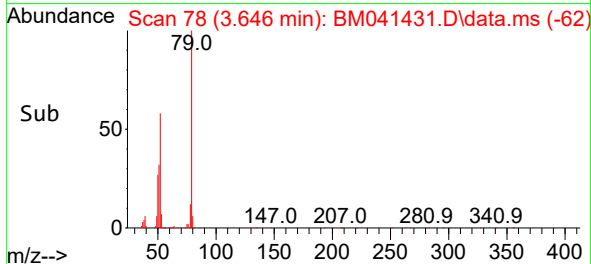
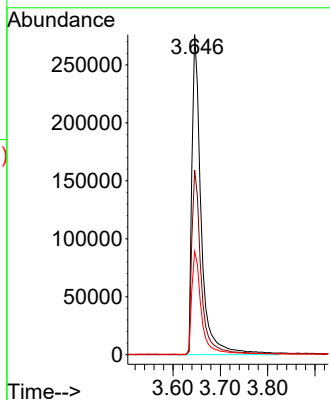
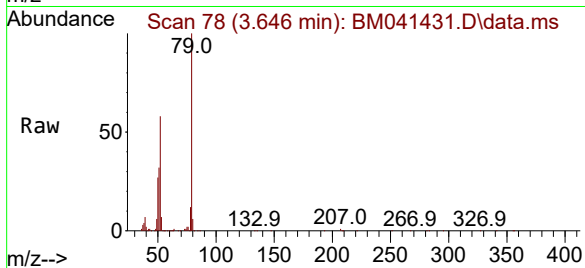




#3
 Pyridine
 Concen: 35.235 ng
 RT: 3.646 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BM041431.D
 Acq: 17 Aug 2023 11:07

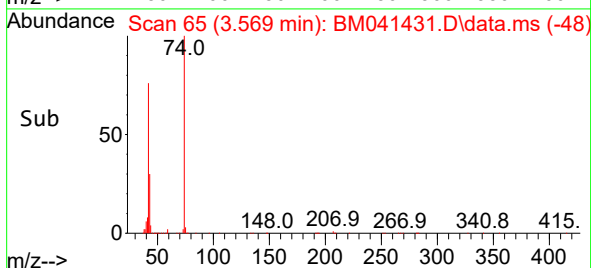
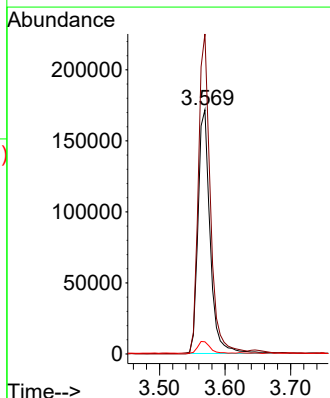
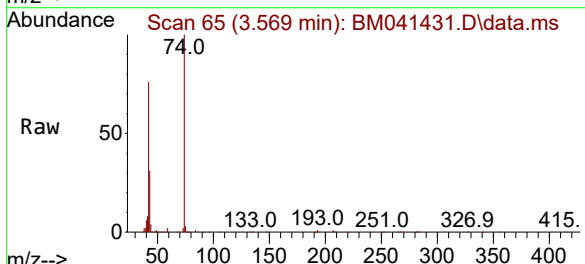
Instrument :
 BNA_M
 ClientSampleId :
 PB154837BSD

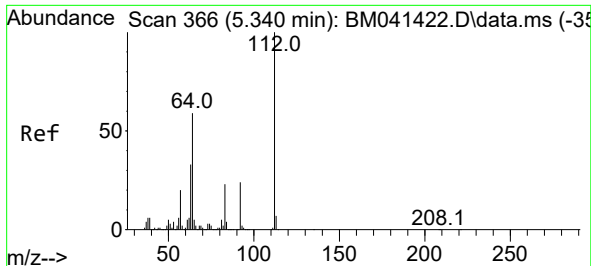
Tgt Ion: 79 Resp: 377530
 Ion Ratio Lower Upper
 79 100
 52 57.7 49.0 73.4
 51 32.3 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 44.604 ng
 RT: 3.569 min Scan# 65
 Delta R.T. -0.000 min
 Lab File: BM041431.D
 Acq: 17 Aug 2023 11:07

Tgt Ion: 42 Resp: 220357
 Ion Ratio Lower Upper
 42 100
 74 131.0 104.1 156.1
 44 5.0 4.6 6.8

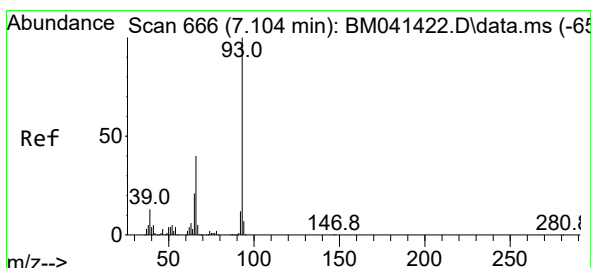
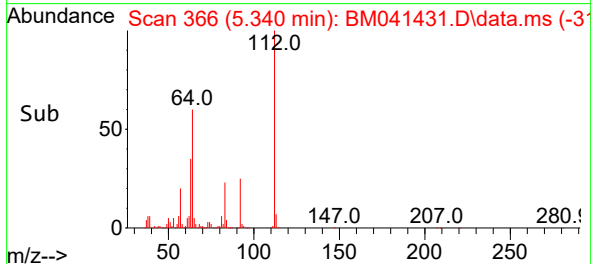
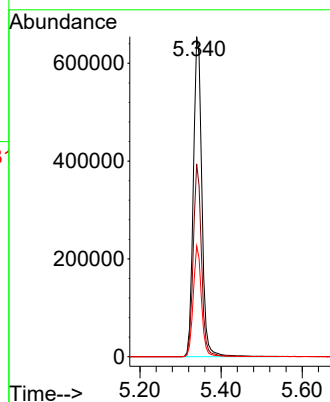
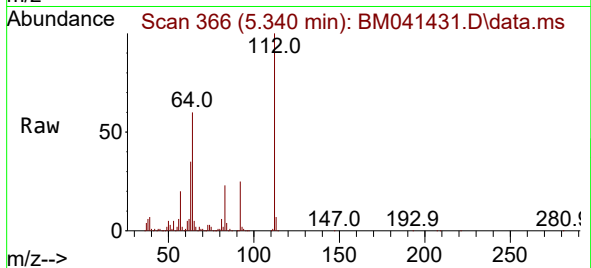




#5
2-Fluorophenol
Concen: 100.159 ng
RT: 5.340 min Scan# 366
Delta R.T. -0.000 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

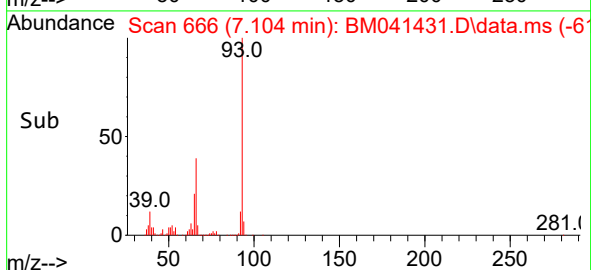
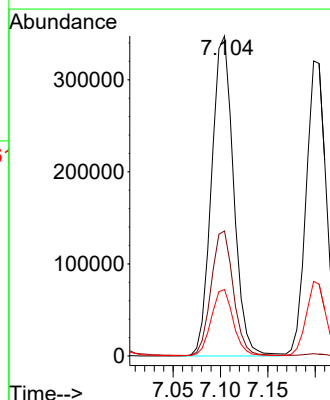
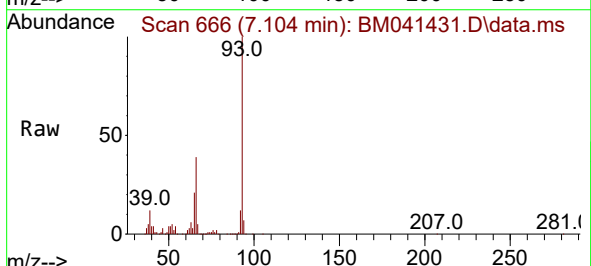
Instrument :
BNA_M
ClientSampleId :
PB154837BSD

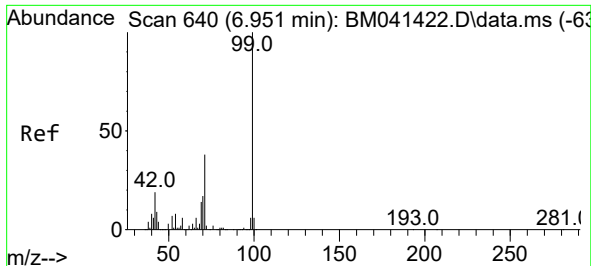
Tgt Ion:112 Resp: 956074
Ion Ratio Lower Upper
112 100
64 60.3 47.3 70.9
63 34.6 26.5 39.7



#6
Aniline
Concen: 36.479 ng
RT: 7.104 min Scan# 666
Delta R.T. -0.000 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

Tgt Ion: 93 Resp: 562267
Ion Ratio Lower Upper
93 100
66 39.1 31.8 47.8
65 20.8 16.8 25.2



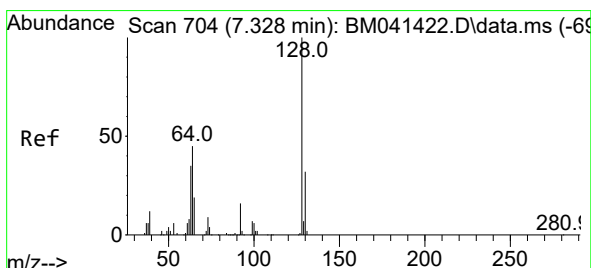
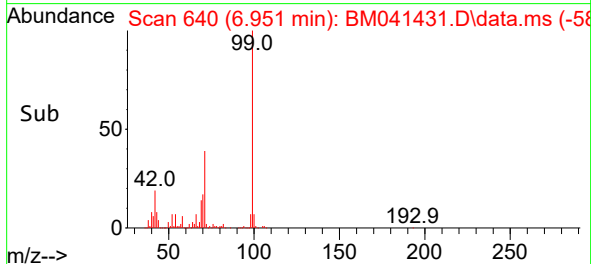
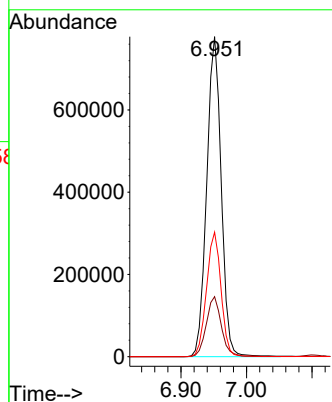
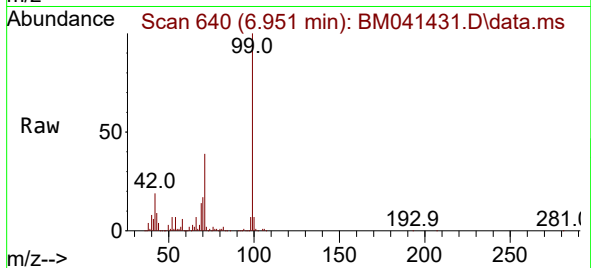


#7
Phenol-d6
Concen: 92.306 ng
RT: 6.951 min Scan# 640
Delta R.T. -0.000 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

Instrument :
BNA_M
ClientSampleId :
PB154837BSD

Tgt Ion: 99 Resp: 1196444

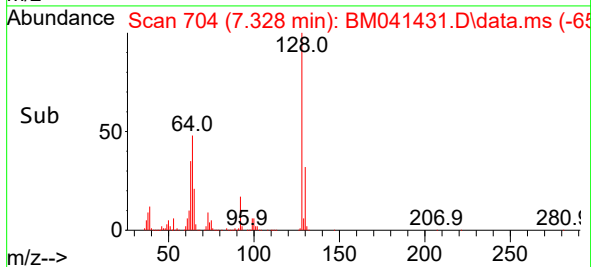
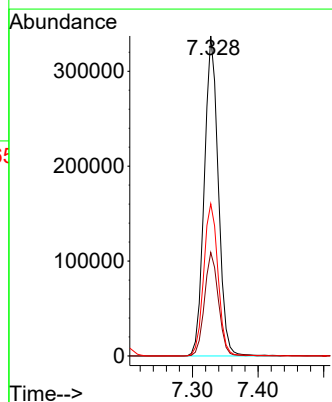
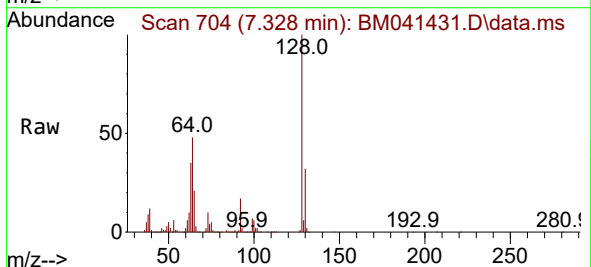
Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.2	22.8
71	38.9	30.7	46.1

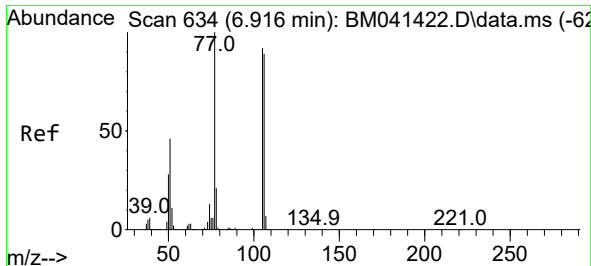


#8
2-Chlorophenol
Concen: 50.891 ng
RT: 7.328 min Scan# 704
Delta R.T. -0.000 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

Tgt Ion: 128 Resp: 501899

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.2	52.2
64	47.5	28.8	68.8

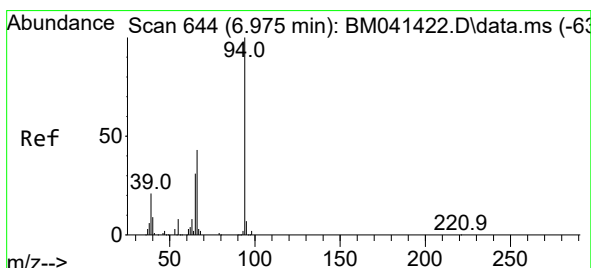
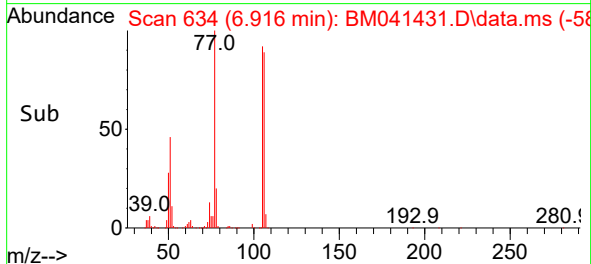
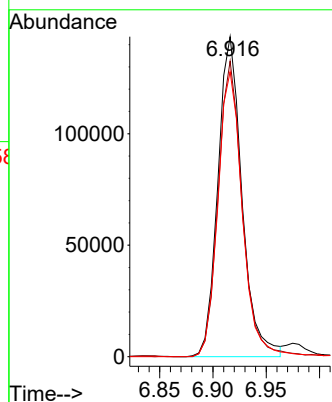
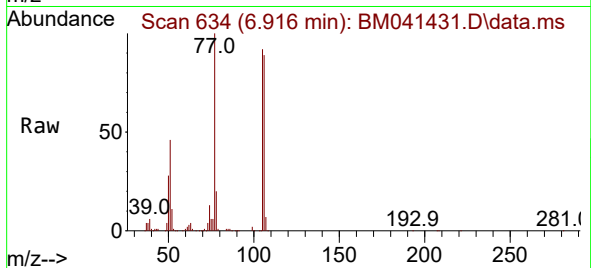




#9
Benzaldehyde
Concen: 31.599 ng
RT: 6.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

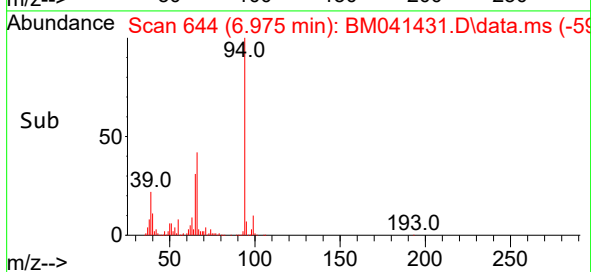
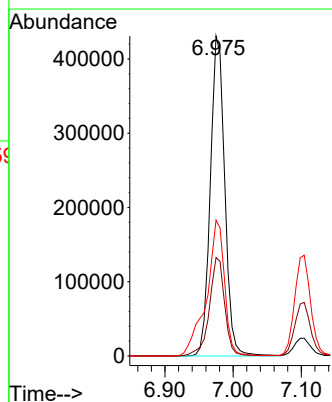
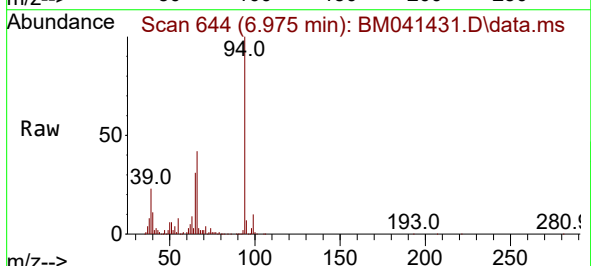
Instrument :
BNA_M
ClientSampleId :
PB154837BSD

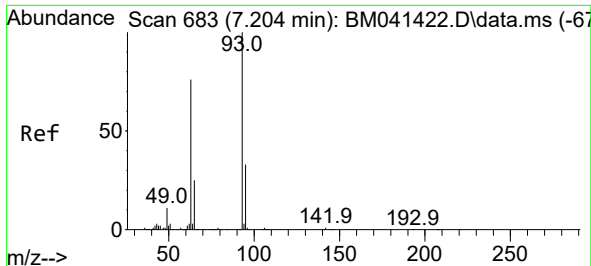
Tgt Ion: 77 Resp: 226138
Ion Ratio Lower Upper
77 100
105 92.4 71.7 111.7
106 89.0 68.6 108.6



#10
Phenol
Concen: 50.804 ng
RT: 6.975 min Scan# 644
Delta R.T. -0.000 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

Tgt Ion: 94 Resp: 636224
Ion Ratio Lower Upper
94 100
65 30.8 11.0 51.0
66 42.4 23.9 63.9

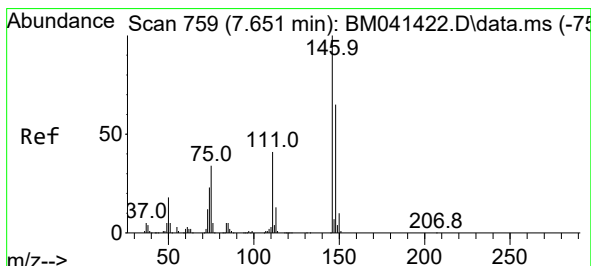
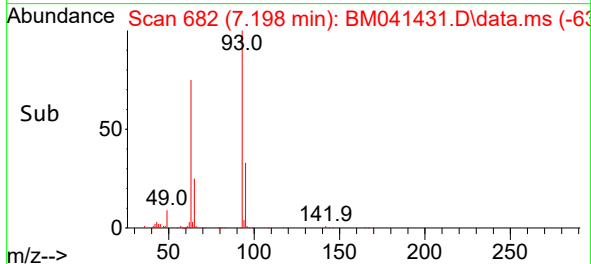
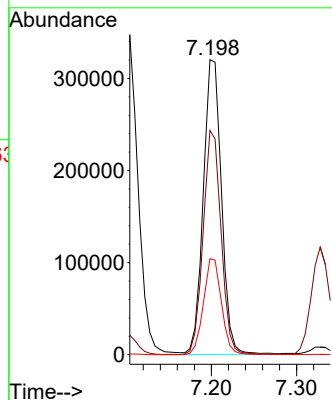
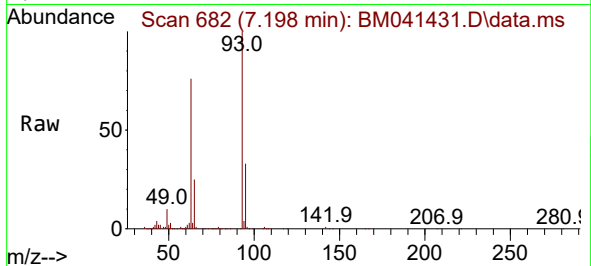




#11
bis(2-Chloroethyl)ether
Concen: 47.480 ng
RT: 7.198 min Scan# 611
Delta R.T. -0.006 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

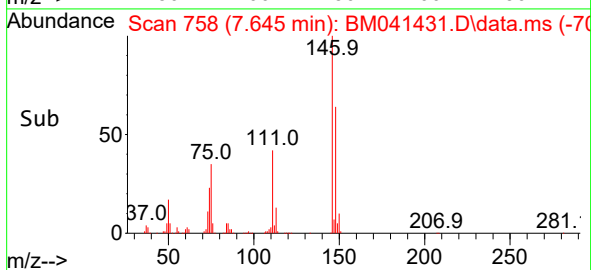
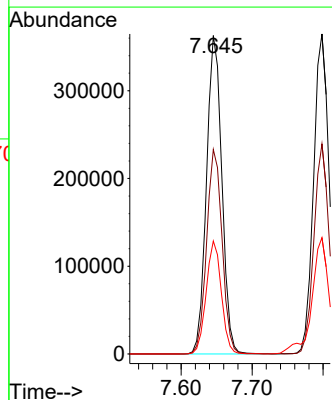
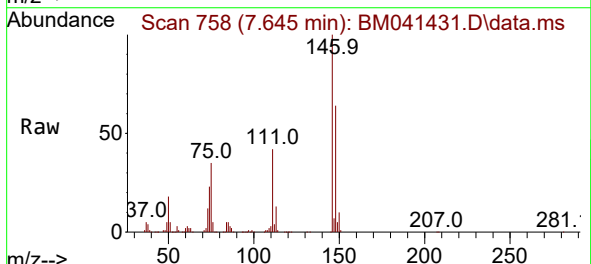
Instrument :
BNA_M
ClientSampleId :
PB154837BSD

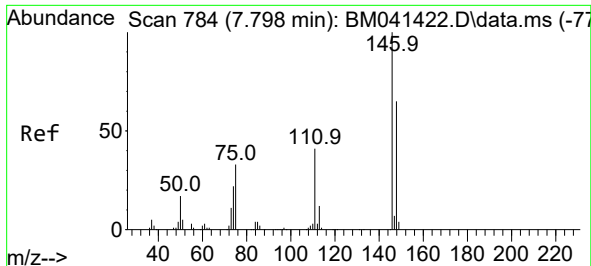
Tgt Ion: 93 Resp: 475669
Ion Ratio Lower Upper
93 100
63 76.0 55.2 95.2
95 32.5 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 49.832 ng
RT: 7.645 min Scan# 758
Delta R.T. -0.006 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

Tgt Ion:146 Resp: 546217
Ion Ratio Lower Upper
146 100
148 64.2 52.3 78.5
75 35.5 27.6 41.4

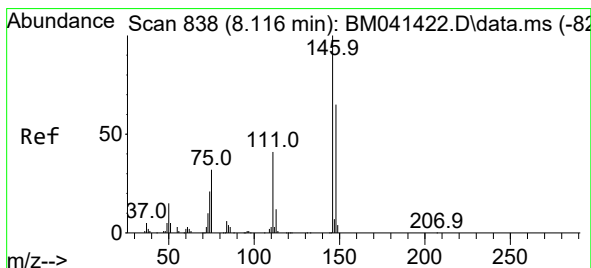
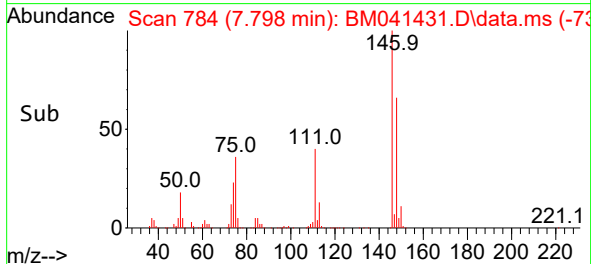
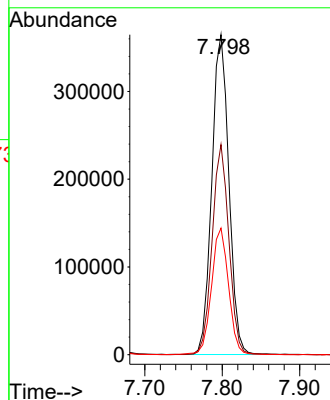
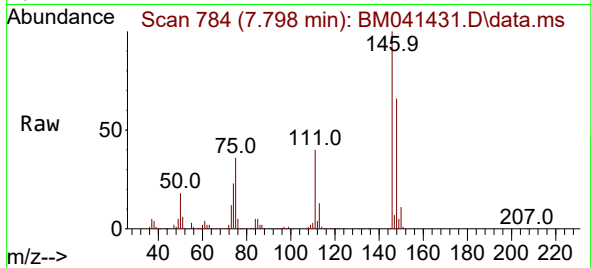




#13
1,4-Dichlorobenzene
Concen: 50.220 ng
RT: 7.798 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

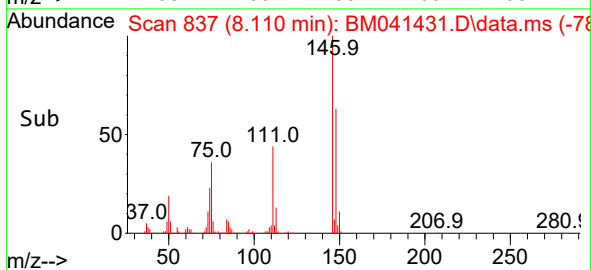
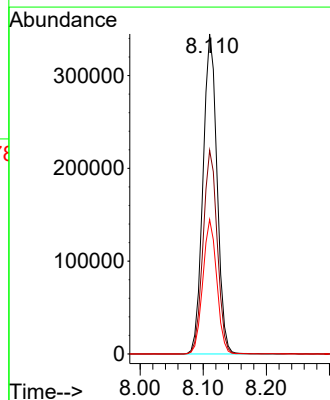
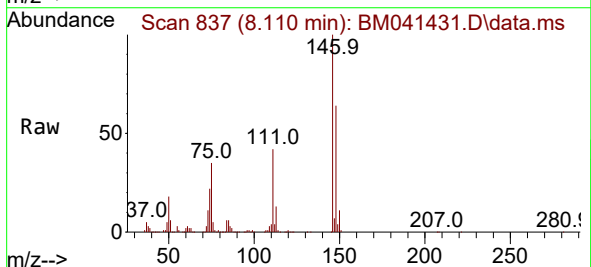
Instrument :
BNA_M
ClientSampleId :
PB154837BSD

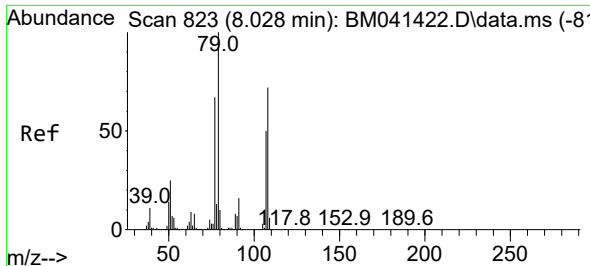
Tgt Ion:146 Resp: 556553
Ion Ratio Lower Upper
146 100
148 65.7 52.2 78.4
111 39.5 32.8 49.2



#14
1,2-Dichlorobenzene
Concen: 49.886 ng
RT: 8.110 min Scan# 837
Delta R.T. -0.006 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

Tgt Ion:146 Resp: 533622
Ion Ratio Lower Upper
146 100
148 63.7 52.0 78.0
111 42.0 33.4 50.0

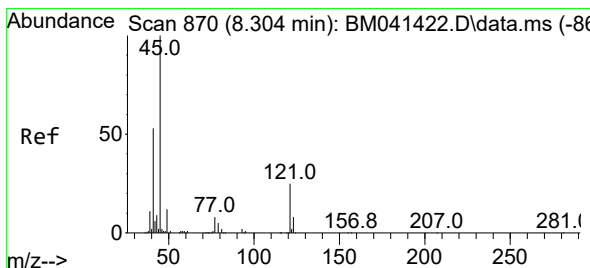
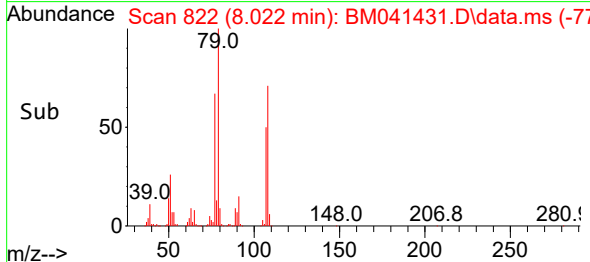
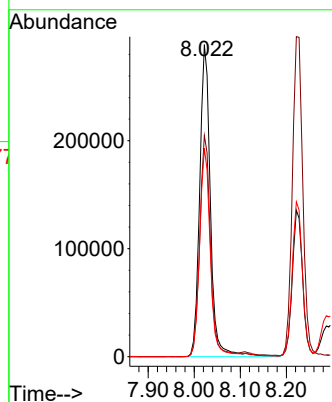
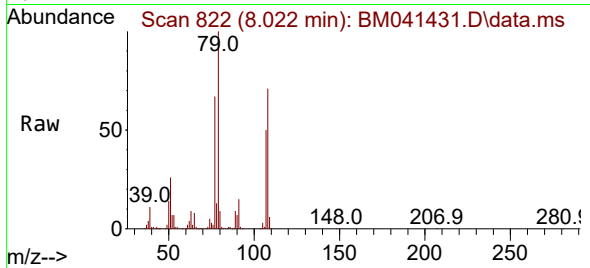




#15
Benzyl Alcohol
Concen: 51.003 ng
RT: 8.022 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

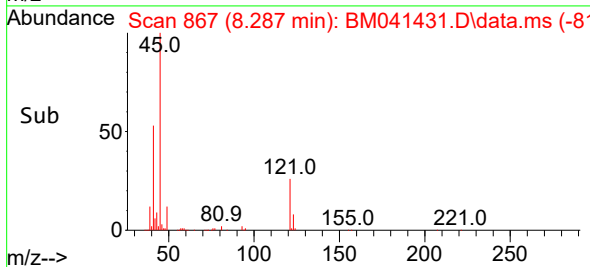
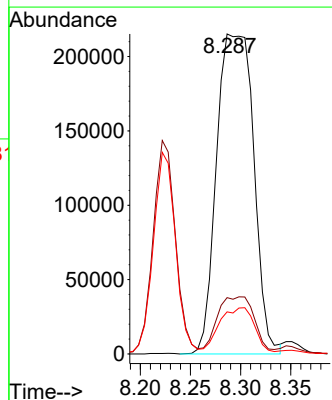
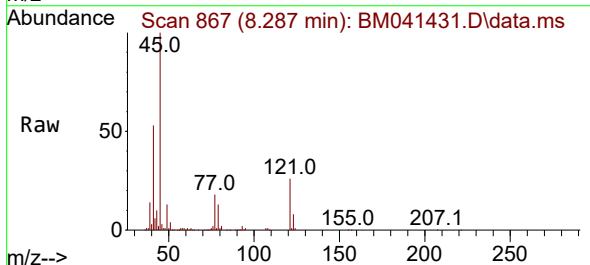
Instrument :
BNA_M
ClientSampleId :
PB154837BSD

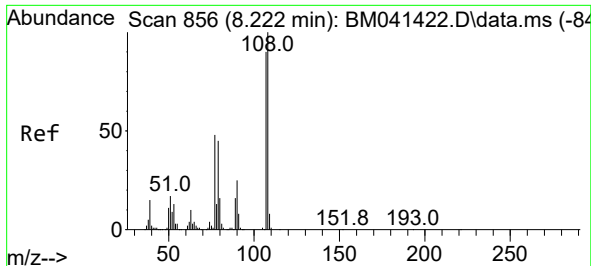
Tgt Ion: 79 Resp: 469322
Ion Ratio Lower Upper
79 100
108 70.8 57.8 86.8
77 66.8 53.4 80.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.068 ng
RT: 8.287 min Scan# 867
Delta R.T. -0.018 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

Tgt Ion: 45 Resp: 553739
Ion Ratio Lower Upper
45 100
77 17.6 0.0 37.3
79 13.2 0.0 33.8

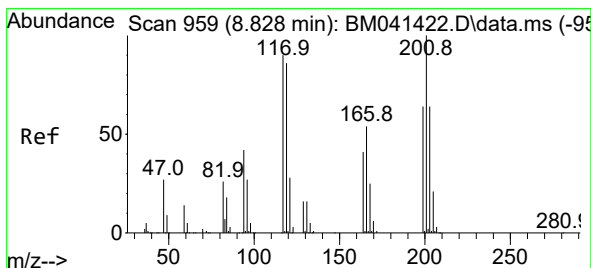
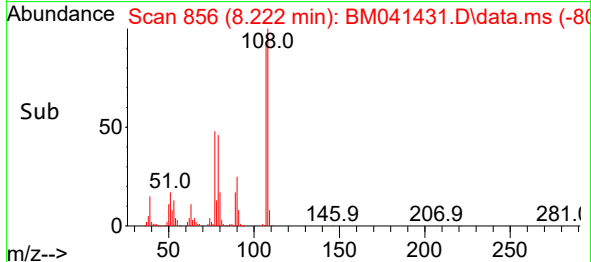
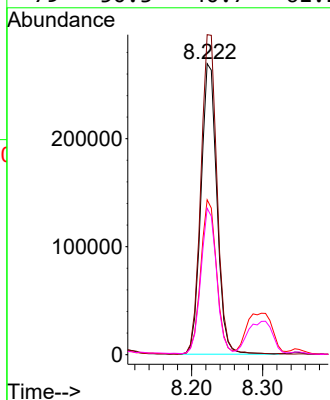
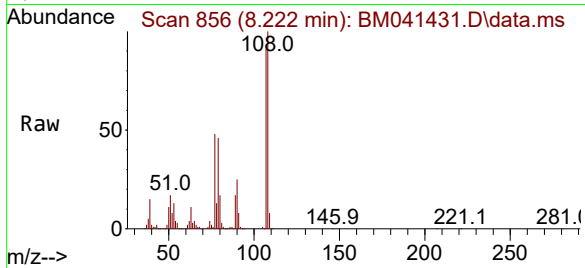




#17
2-Methylphenol
Concen: 46.851 ng
RT: 8.222 min Scan# 856
Delta R.T. -0.000 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

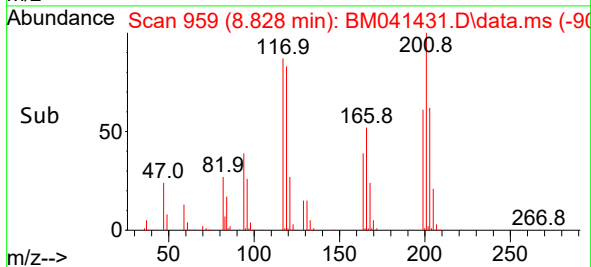
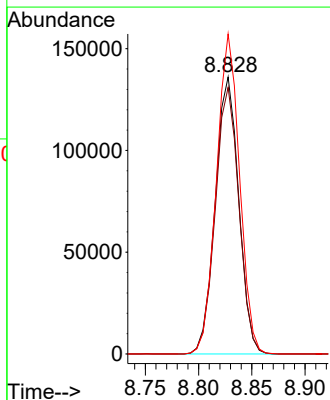
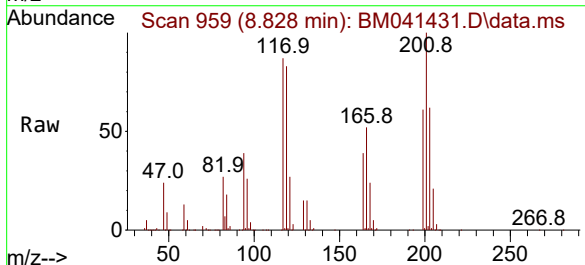
Instrument :
BNA_M
ClientSampleId :
PB154837BSD

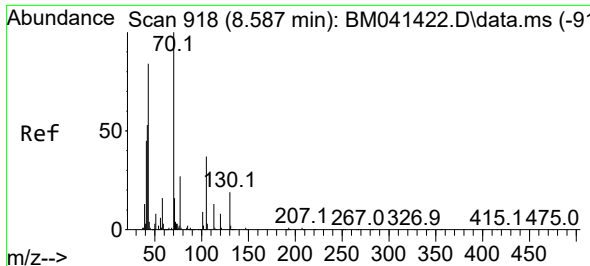
Tgt Ion:107 Resp: 419418
Ion Ratio Lower Upper
107 100
108 109.9 89.2 133.8
77 53.2 43.4 65.0
79 50.3 40.7 61.1



#18
Hexachloroethane
Concen: 49.581 ng
RT: 8.828 min Scan# 959
Delta R.T. -0.000 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

Tgt Ion:117 Resp: 208656
Ion Ratio Lower Upper
117 100
119 96.3 76.3 114.5
201 115.6 88.5 132.7



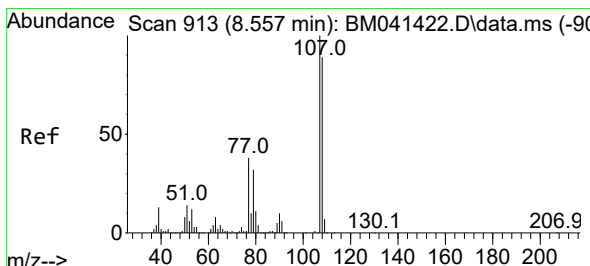
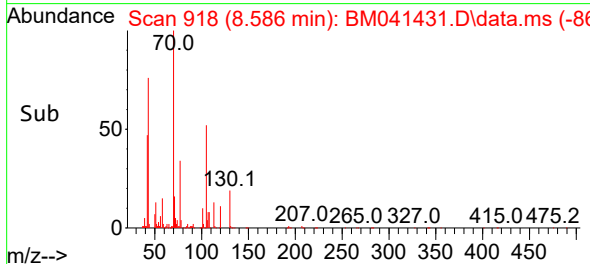
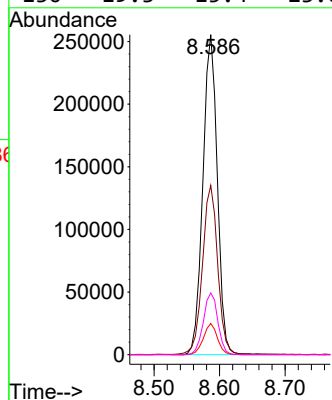
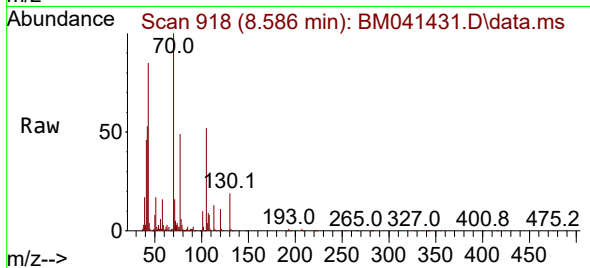


#19
n-Nitroso-di-n-propylamine
Concen: 44.162 ng
RT: 8.586 min Scan# 918
Delta R.T. -0.000 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

Instrument :
BNA_M
ClientSampleId :
PB154837BSD

Tgt Ion: 70 Resp: 392698

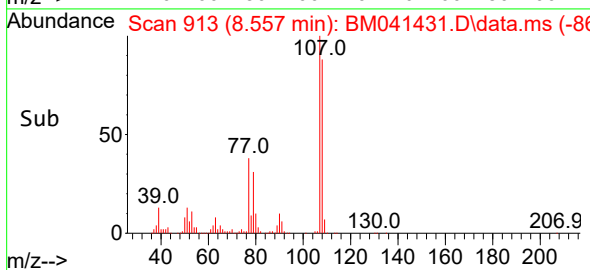
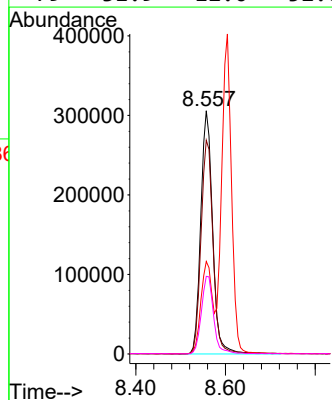
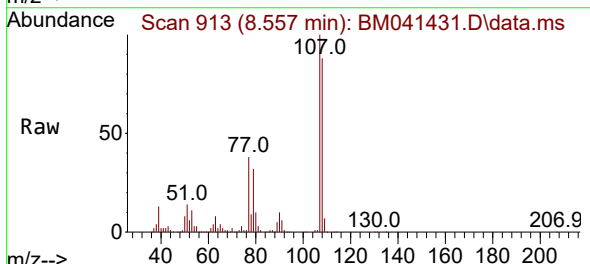
Ion	Ratio	Lower	Upper
70	100		
42	52.9	42.6	63.8
101	9.7	7.4	11.0
130	19.3	15.4	23.0

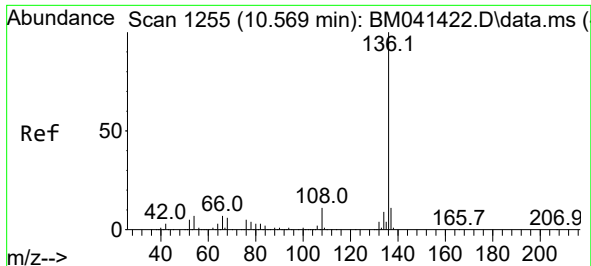


#20
3+4-Methylphenols
Concen: 45.755 ng
RT: 8.557 min Scan# 913
Delta R.T. -0.000 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

Tgt Ion: 107 Resp: 562575

Ion	Ratio	Lower	Upper
107	100		
108	87.9	68.7	108.7
77	38.0	18.1	58.1
79	31.9	12.0	52.0

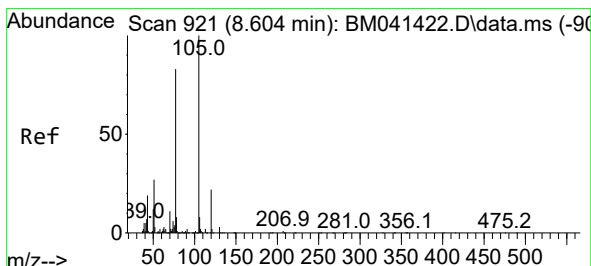
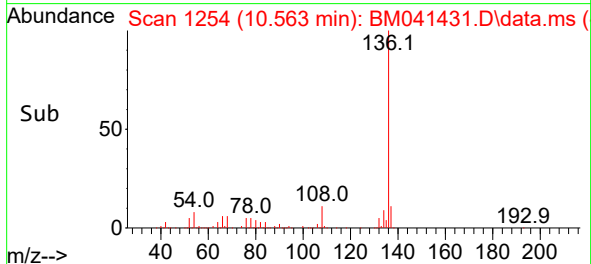
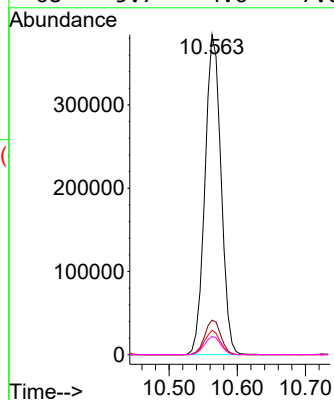
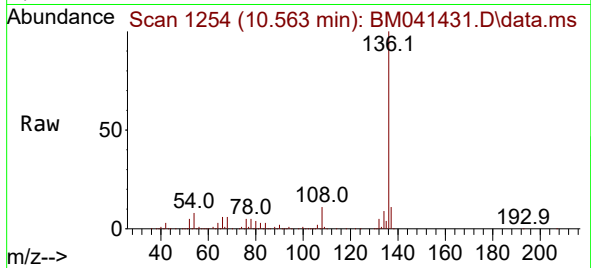




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

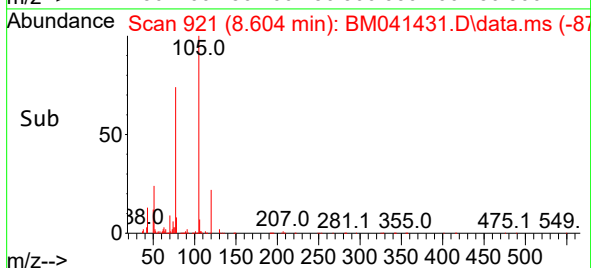
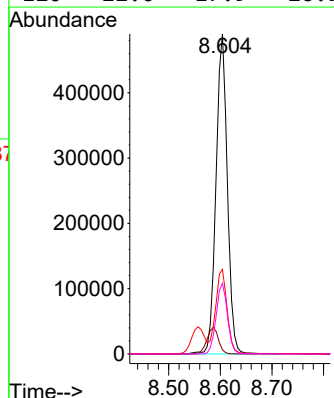
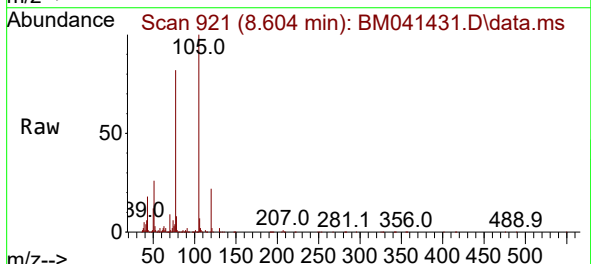
Instrument :
BNA_M
ClientSampleId :
PB154837BSD

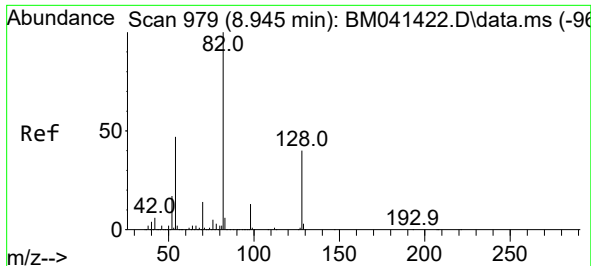
Tgt Ion:136 Resp: 629345
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.6 5.7 8.5
68 5.7 4.6 7.0



#22
Acetophenone
Concen: 46.144 ng
RT: 8.604 min Scan# 921
Delta R.T. -0.000 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

Tgt Ion:105 Resp: 748368
Ion Ratio Lower Upper
105 100
71 1.3 1.4 2.2#
51 26.4 21.7 32.5
120 22.0 17.9 26.9





#23

Nitrobenzene-d5

Concen: 89.151 ng

RT: 8.945 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM041431.D

Acq: 17 Aug 2023 11:07

Instrument :

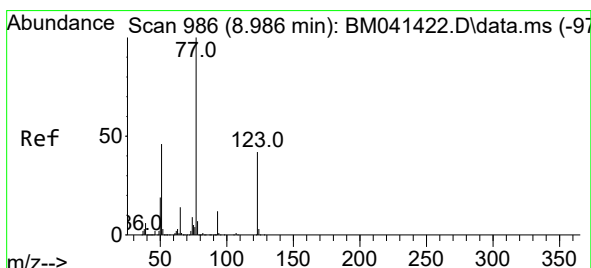
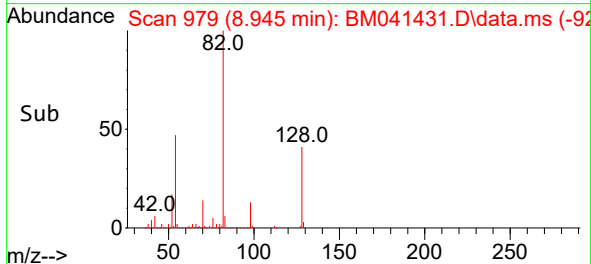
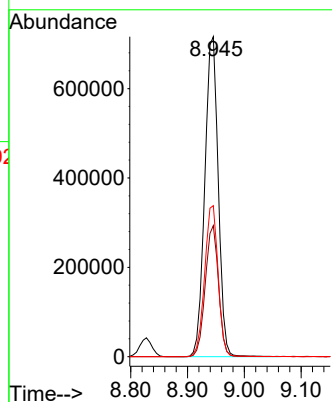
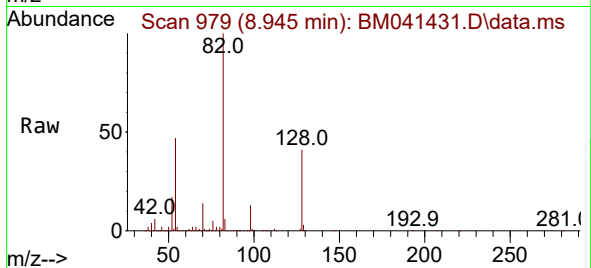
BNA_M

ClientSampleId :

PB154837BSD

Tgt Ion: 82 Resp: 1175361

Ion	Ratio	Lower	Upper
82	100		
128	41.0	32.2	48.4
54	47.2	37.5	56.3



#24

Nitrobenzene

Concen: 45.739 ng

RT: 8.986 min Scan# 986

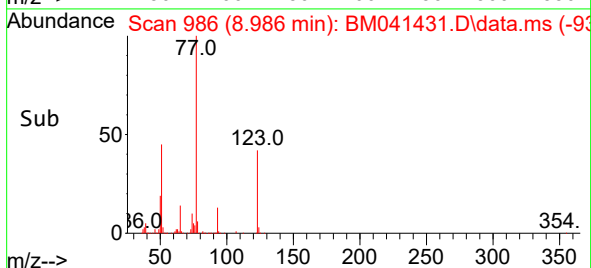
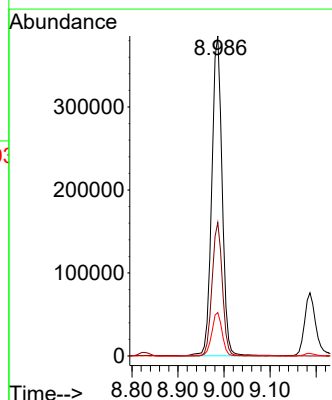
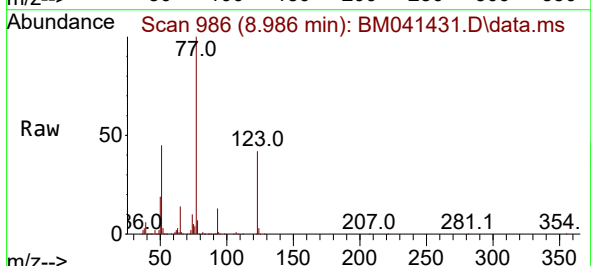
Delta R.T. -0.000 min

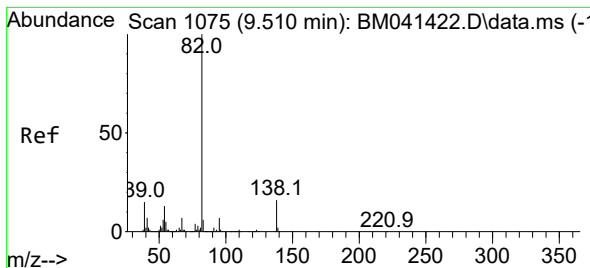
Lab File: BM041431.D

Acq: 17 Aug 2023 11:07

Tgt Ion: 77 Resp: 602138

Ion	Ratio	Lower	Upper
77	100		
123	41.7	33.5	50.3
65	13.6	11.0	16.6





#25

Isophorone

Concen: 43.312 ng

RT: 9.510 min Scan# 1075

Delta R.T. -0.000 min

Lab File: BM041431.D

Acq: 17 Aug 2023 11:07

Instrument :

BNA_M

ClientSampleId :

PB154837BSD

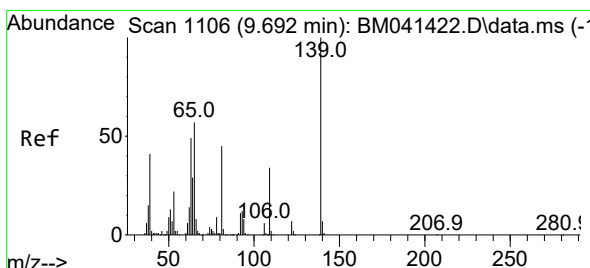
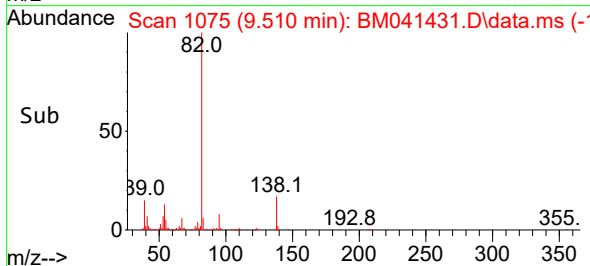
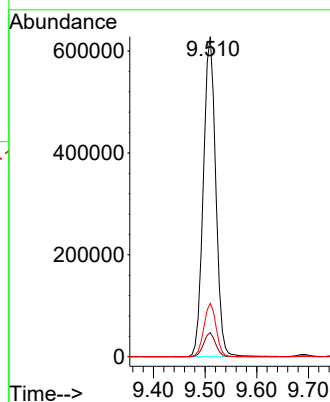
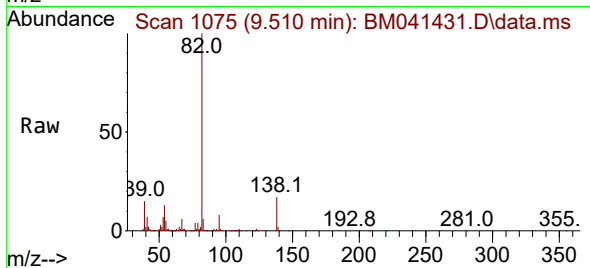
Tgt Ion: 82 Resp: 1045173

Ion Ratio Lower Upper

82 100

95 7.5 5.8 8.6

138 16.7 12.9 19.3



#26

2-Nitrophenol

Concen: 47.706 ng

RT: 9.692 min Scan# 1106

Delta R.T. -0.000 min

Lab File: BM041431.D

Acq: 17 Aug 2023 11:07

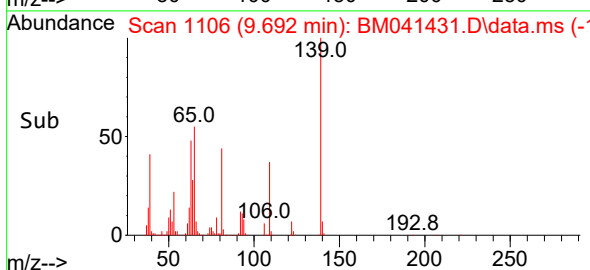
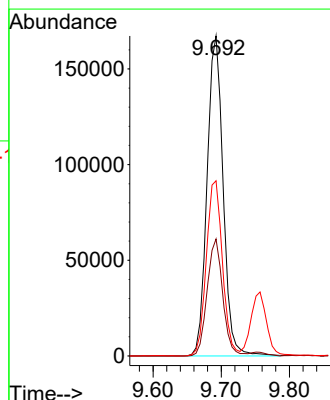
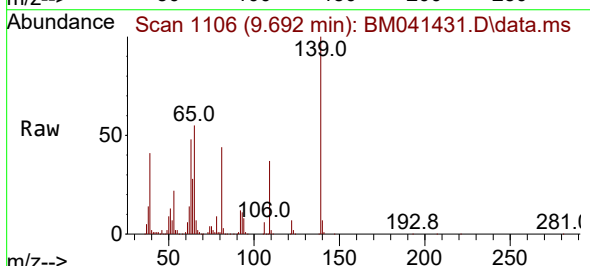
Tgt Ion: 139 Resp: 274208

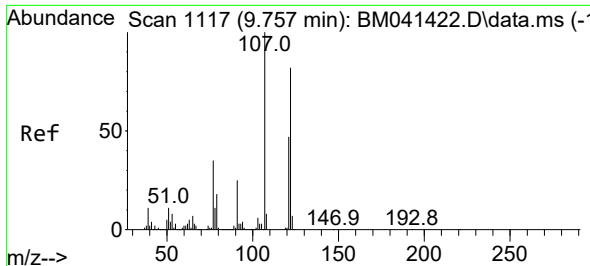
Ion Ratio Lower Upper

139 100

109 36.6 27.4 41.2

65 54.8 45.3 67.9

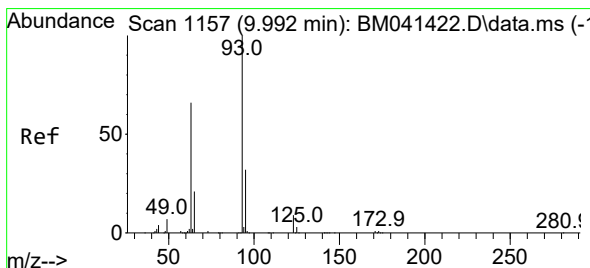
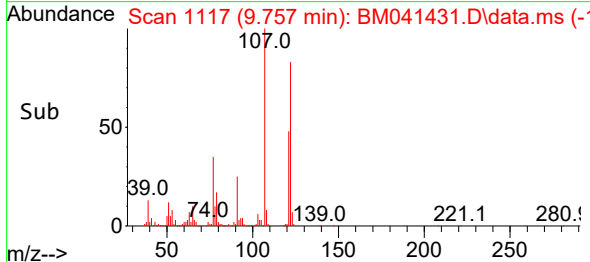
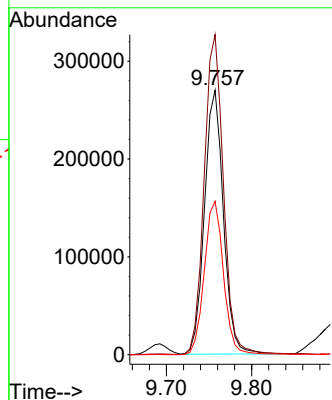
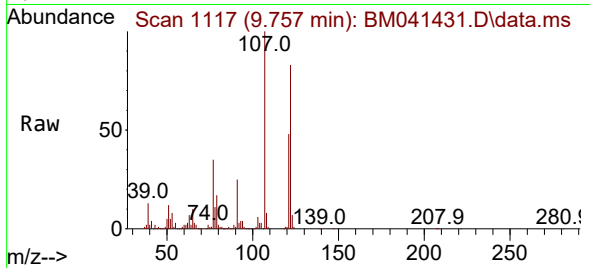




#27
 2,4-Dimethylphenol
 Concen: 45.000 ng
 RT: 9.757 min Scan# 1117
 Delta R.T. -0.000 min
 Lab File: BM041431.D
 Acq: 17 Aug 2023 11:07

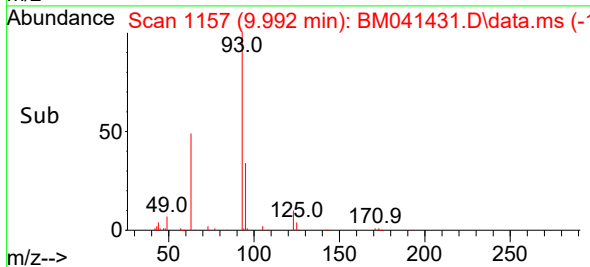
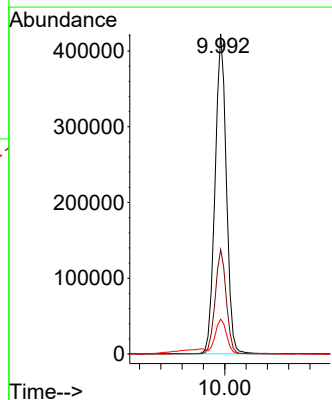
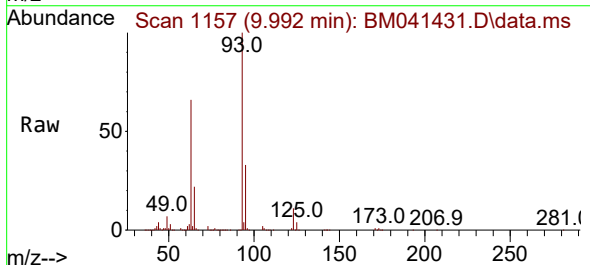
Instrument :
 BNA_M
 ClientSampleId :
 PB154837BSD

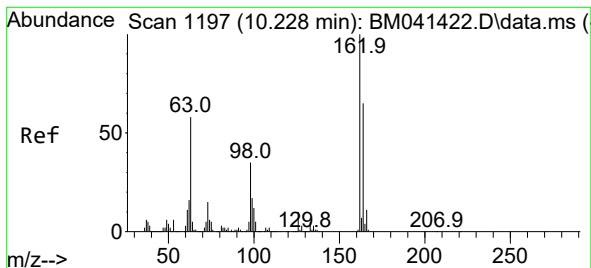
Tgt Ion:122 Resp: 416487
 Ion Ratio Lower Upper
 122 100
 107 121.0 96.7 145.1
 121 58.0 45.5 68.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.095 ng
 RT: 9.992 min Scan# 1157
 Delta R.T. -0.000 min
 Lab File: BM041431.D
 Acq: 17 Aug 2023 11:07

Tgt Ion: 93 Resp: 619363
 Ion Ratio Lower Upper
 93 100
 95 32.6 25.5 38.3
 123 10.9 8.7 13.1

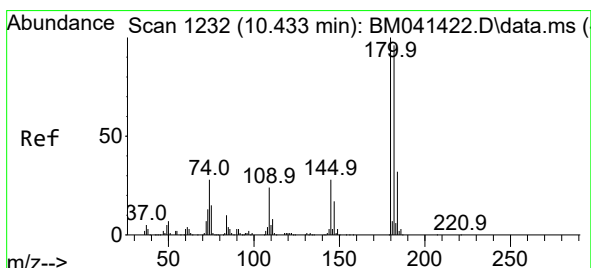
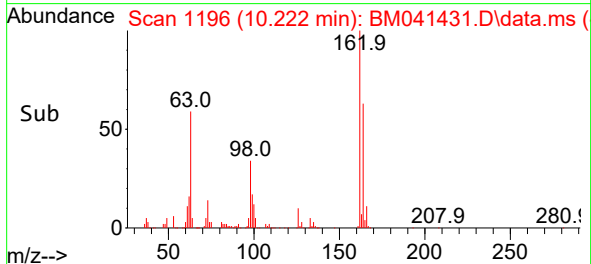
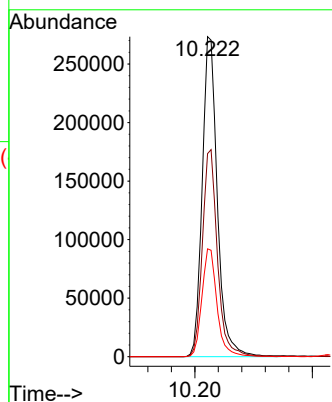
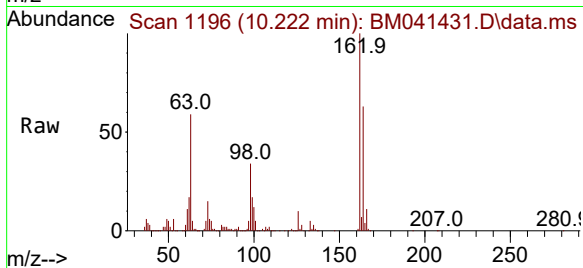




#29
2,4-Dichlorophenol
Concen: 48.325 ng
RT: 10.222 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

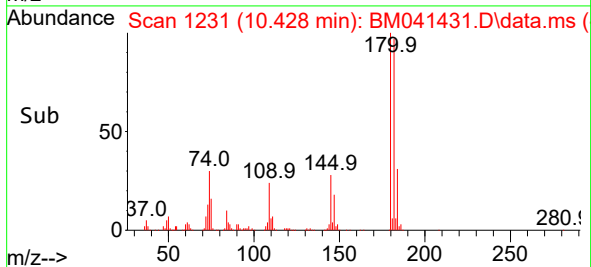
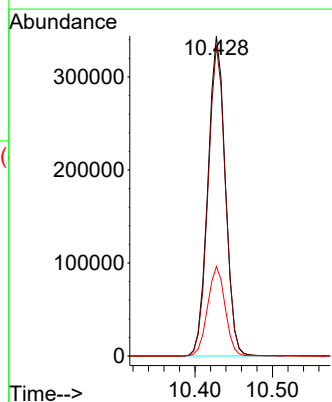
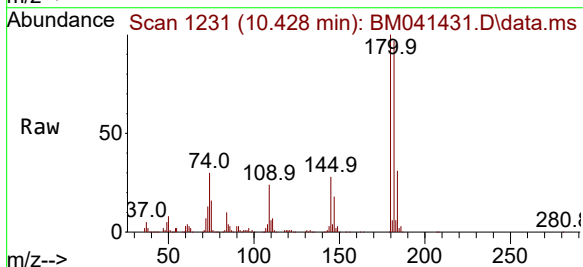
Instrument :
BNA_M
ClientSampleId :
PB154837BSD

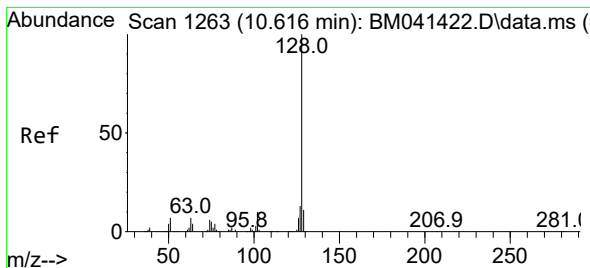
Tgt Ion:162 Resp: 489983
Ion Ratio Lower Upper
162 100
164 63.5 44.6 84.6
98 33.7 14.6 54.6



#30
1,2,4-Trichlorobenzene
Concen: 47.614 ng
RT: 10.428 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

Tgt Ion:180 Resp: 536042
Ion Ratio Lower Upper
180 100
182 97.0 76.6 114.8
145 28.0 22.4 33.6

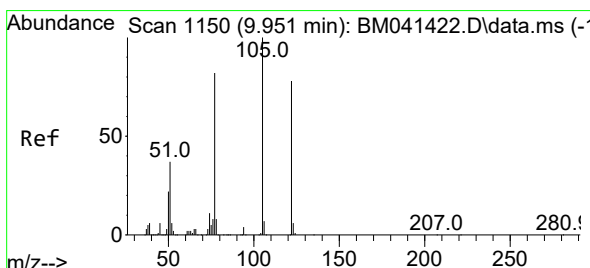
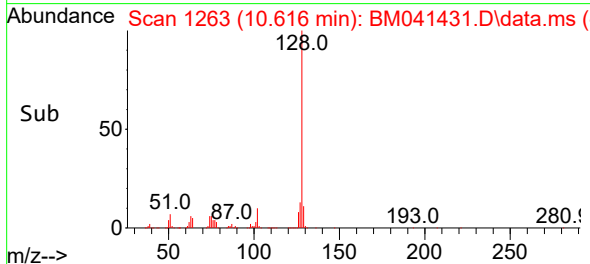
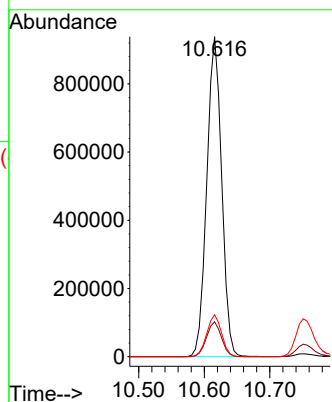
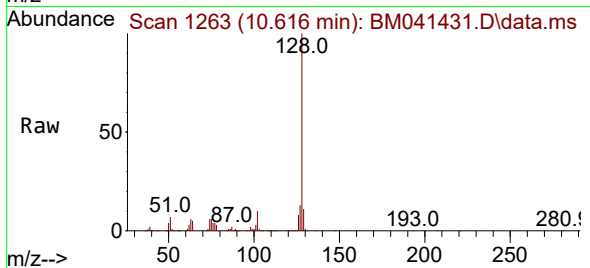




#31
Naphthalene
Concen: 45.290 ng
RT: 10.616 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

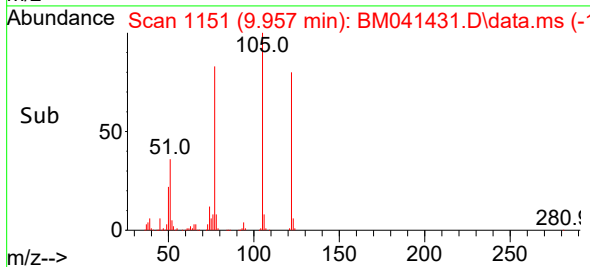
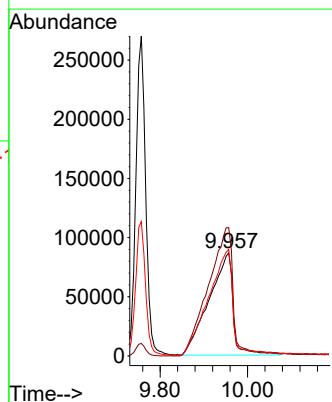
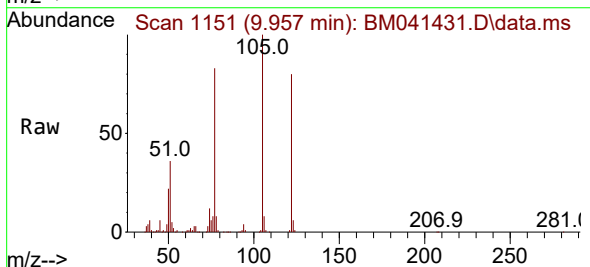
Instrument :
BNA_M
ClientSampleId :
PB154837BSD

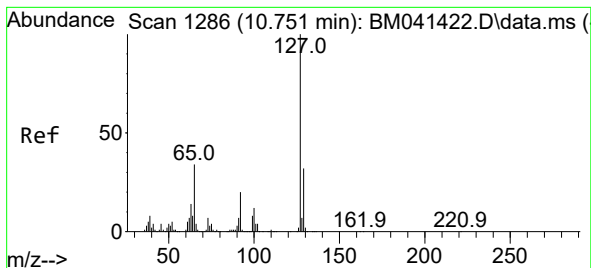
Tgt Ion:128 Resp: 1481950
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.1 10.6 15.8



#32
Benzoic acid
Concen: 44.309 ng
RT: 9.957 min Scan# 1151
Delta R.T. 0.006 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

Tgt Ion:122 Resp: 329371
Ion Ratio Lower Upper
122 100
105 124.6 107.1 147.1
77 103.4 84.8 124.8

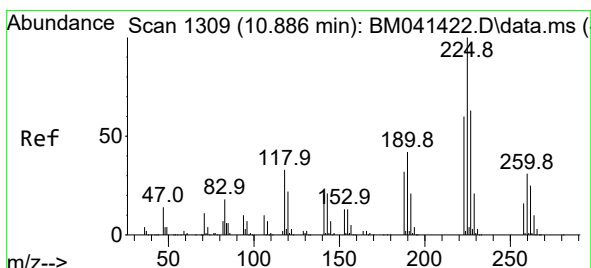
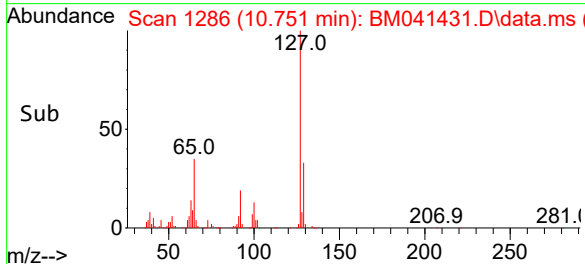
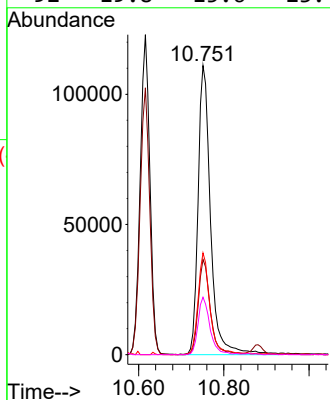
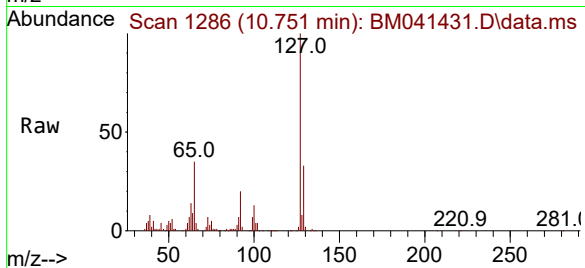




#33
4-Chloroaniline
Concen: 16.396 ng
RT: 10.751 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

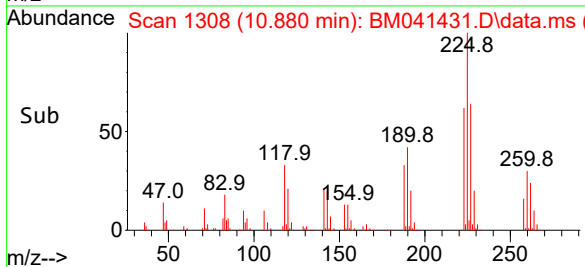
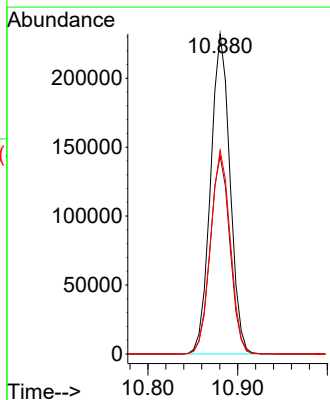
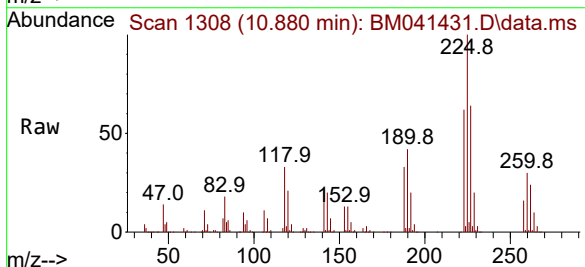
Instrument :
BNA_M
ClientSampleId :
PB154837BSD

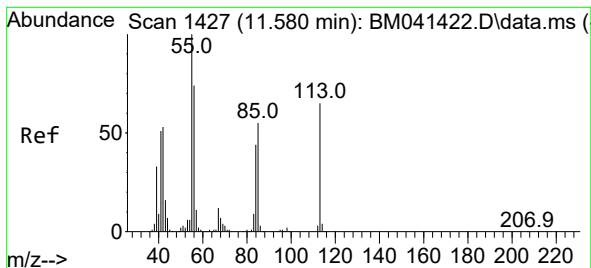
Tgt Ion:	127	Resp:	226504
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.4	38.2
65	35.2	27.1	40.7
92	19.8	15.6	23.4



#34
Hexachlorobutadiene
Concen: 46.805 ng
RT: 10.880 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

Tgt Ion:	225	Resp:	348475
Ion	Ratio	Lower	Upper
225	100		
223	61.8	48.1	72.1
227	63.7	50.4	75.6

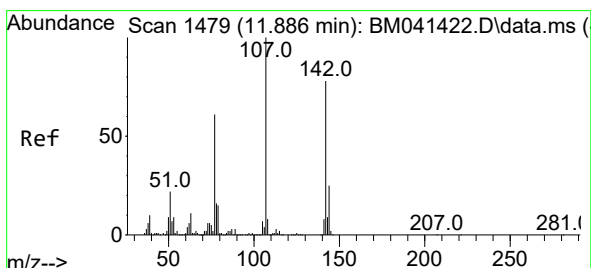
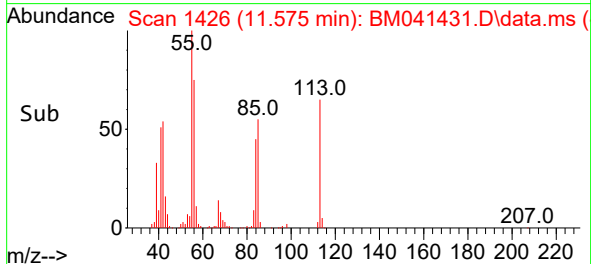
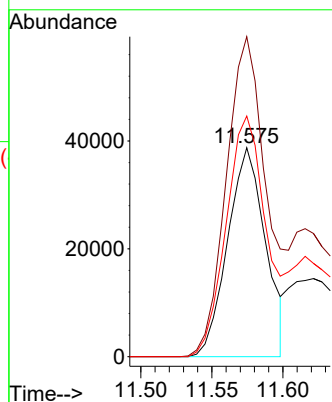
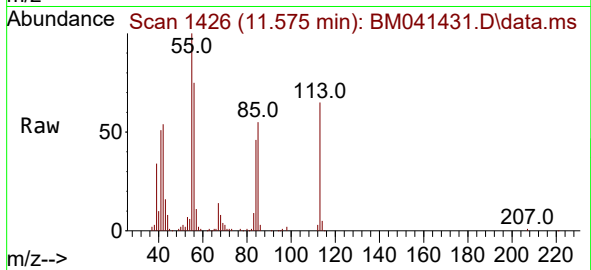




#35
Caprolactam
Concen: 22.839 ng
RT: 11.575 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

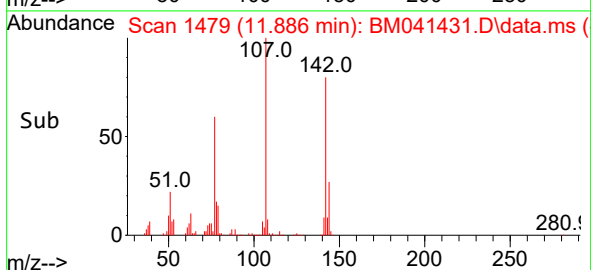
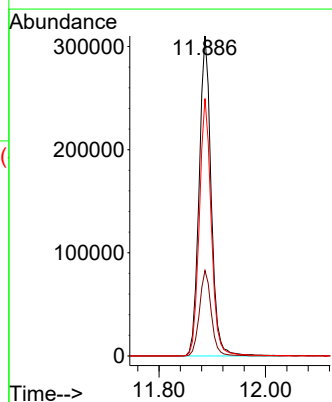
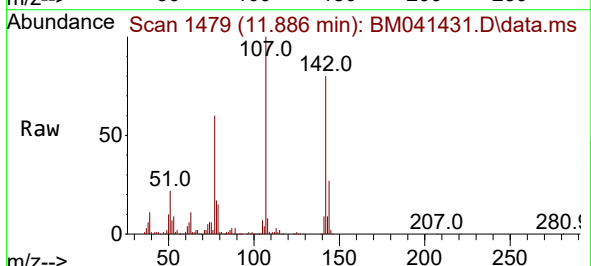
Instrument :
BNA_M
ClientSampleId :
PB154837BSD

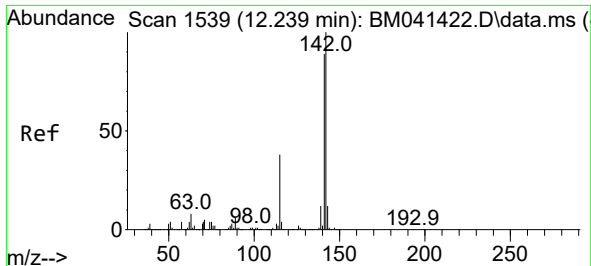
Tgt Ion:113 Resp: 71789
Ion Ratio Lower Upper
113 100
55 153.1 135.3 175.3
56 115.2 94.4 134.4



#36
4-Chloro-3-methylphenol
Concen: 44.914 ng
RT: 11.886 min Scan# 1479
Delta R.T. -0.000 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

Tgt Ion:107 Resp: 484658
Ion Ratio Lower Upper
107 100
144 26.7 20.3 30.5
142 80.4 62.7 94.1

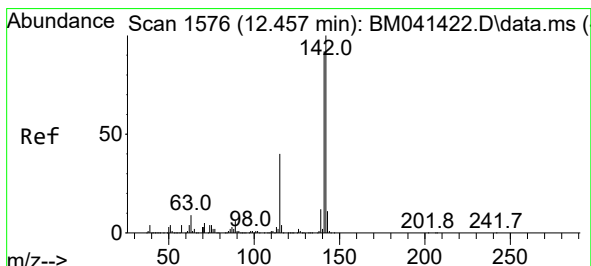
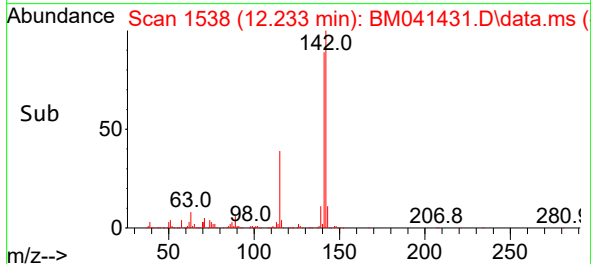
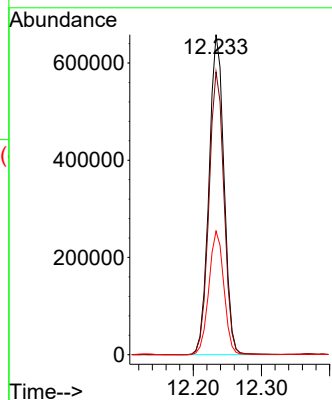
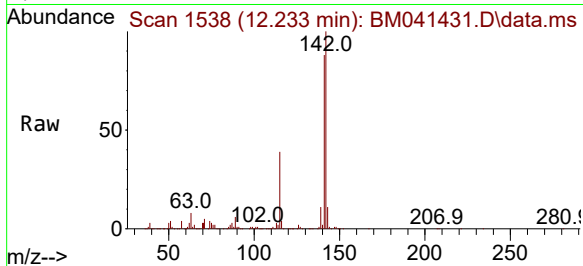




#37
2-Methylnaphthalene
Concen: 42.423 ng
RT: 12.233 min Scan# 1538
Delta R.T. -0.006 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

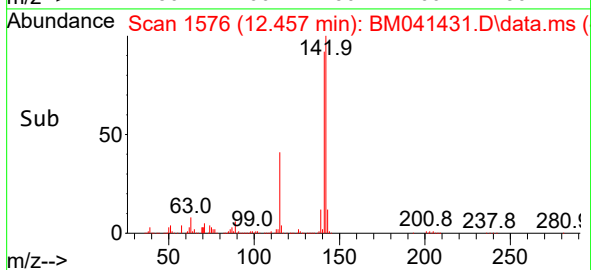
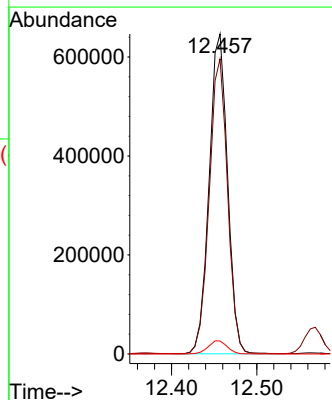
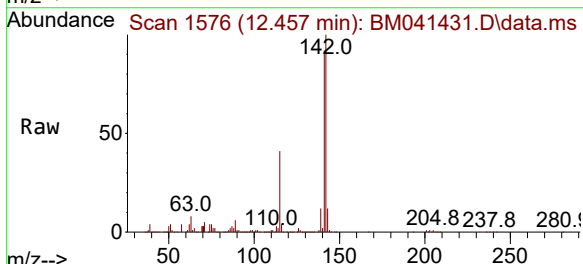
Instrument :
BNA_M
ClientSampleId :
PB154837BSD

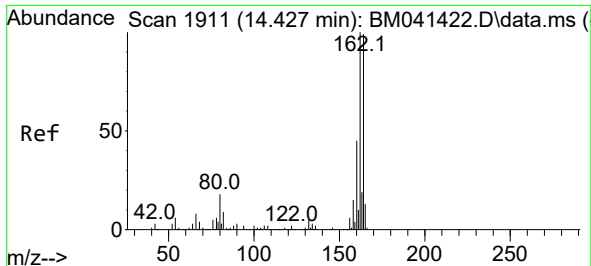
Tgt Ion:142 Resp: 1010063
Ion Ratio Lower Upper
142 100
141 88.4 71.4 107.0
115 38.6 30.8 46.2



#38
1-Methylnaphthalene
Concen: 43.062 ng
RT: 12.457 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

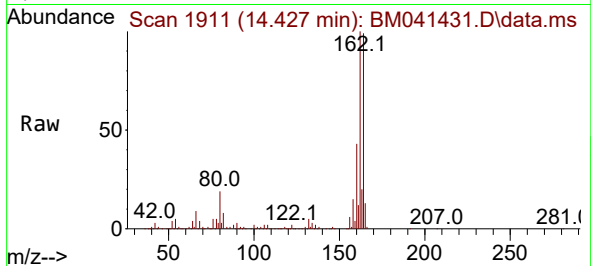
Tgt Ion:142 Resp: 968647
Ion Ratio Lower Upper
142 100
141 92.2 73.3 109.9
116 4.0 3.3 4.9



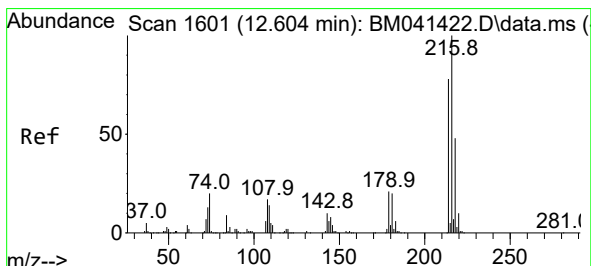
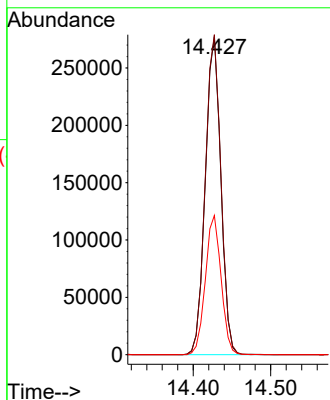
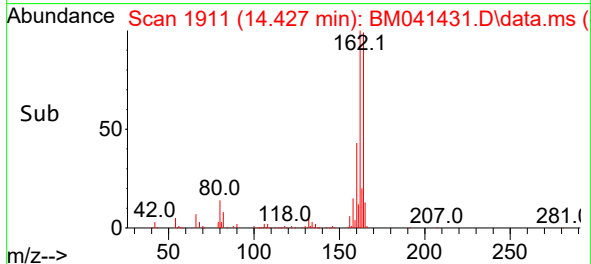


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.427 min Scan# 1911
Delta R.T. -0.000 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

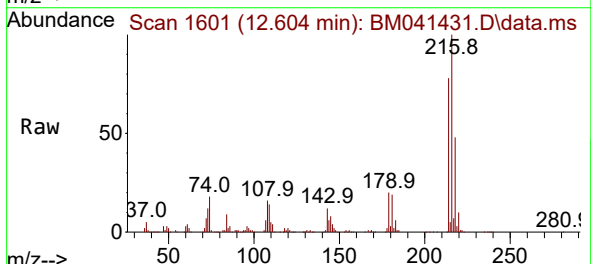
Instrument :
BNA_M
ClientSampleId :
PB154837BSD



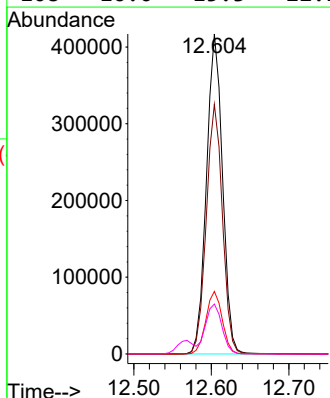
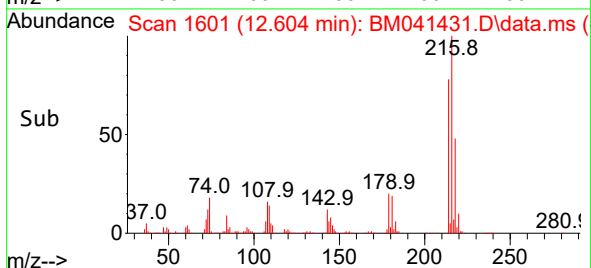
Tgt Ion:164 Resp: 385695
Ion Ratio Lower Upper
164 100
162 100.6 80.4 120.6
160 43.8 35.9 53.9

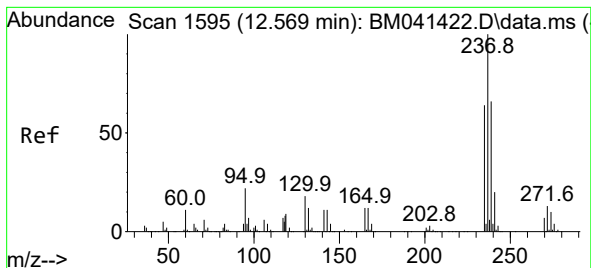


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.777 ng
RT: 12.604 min Scan# 1601
Delta R.T. -0.000 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07



Tgt Ion:216 Resp: 601210
Ion Ratio Lower Upper
216 100
214 78.2 62.4 93.6
179 19.8 16.2 24.4
108 16.0 15.3 22.9





#41

Hexachlorocyclopentadiene

Concen: 103.920 ng

RT: 12.569 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM041431.D

Acq: 17 Aug 2023 11:07

Instrument :

BNA_M

ClientSampleId :

PB154837BSD

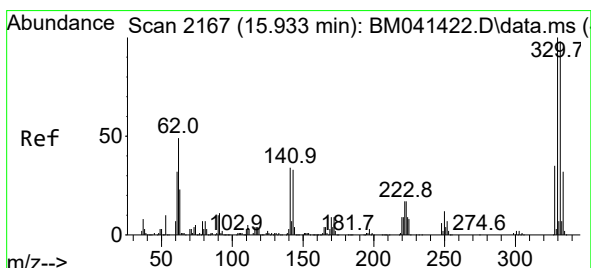
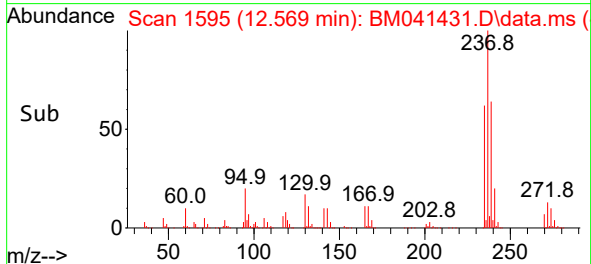
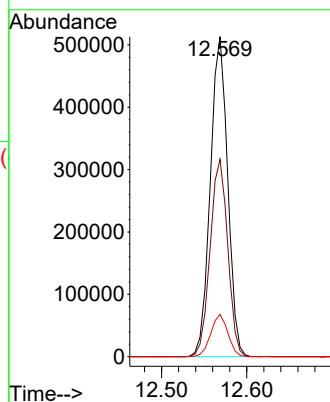
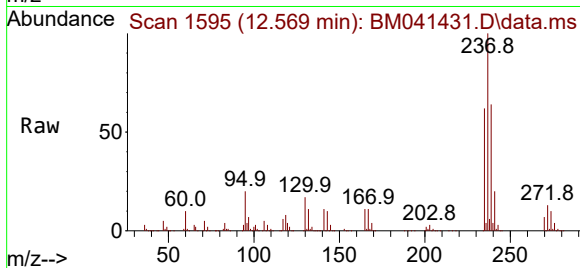
Tgt Ion:237 Resp: 725773

Ion Ratio Lower Upper

237 100

235 61.7 43.5 83.5

272 13.2 0.0 32.8



#42

2,4,6-Tribromophenol

Concen: 84.508 ng

RT: 15.927 min Scan# 2166

Delta R.T. -0.006 min

Lab File: BM041431.D

Acq: 17 Aug 2023 11:07

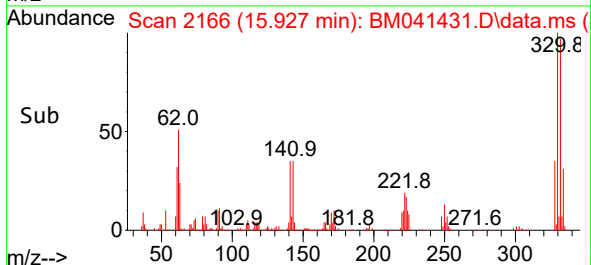
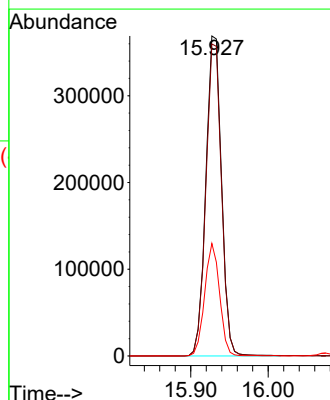
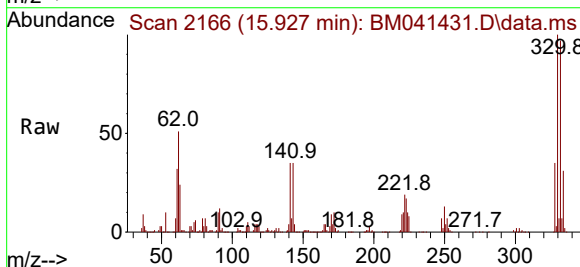
Tgt Ion:330 Resp: 517252

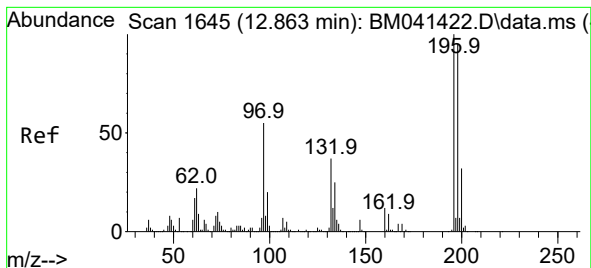
Ion Ratio Lower Upper

330 100

332 97.1 78.0 117.0

141 33.6 28.3 42.5





#43

2,4,6-Trichlorophenol

Concen: 48.202 ng

RT: 12.857 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM041431.D

Acq: 17 Aug 2023 11:07

Instrument :

BNA_M

ClientSampleId :

PB154837BSD

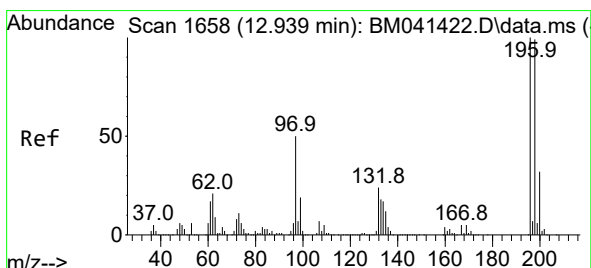
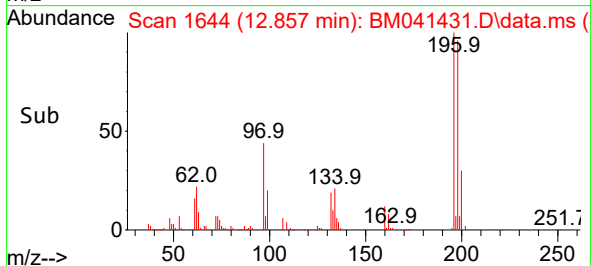
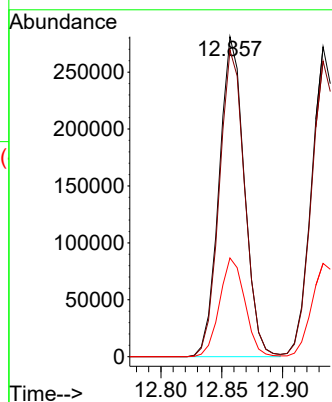
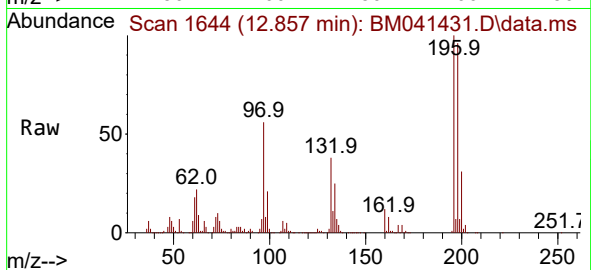
Tgt Ion:196 Resp: 405936

Ion Ratio Lower Upper

196 100

198 95.8 75.9 113.9

200 30.9 25.4 38.2



#44

2,4,5-Trichlorophenol

Concen: 44.549 ng

RT: 12.933 min Scan# 1657

Delta R.T. -0.006 min

Lab File: BM041431.D

Acq: 17 Aug 2023 11:07

Tgt Ion:196 Resp: 434320

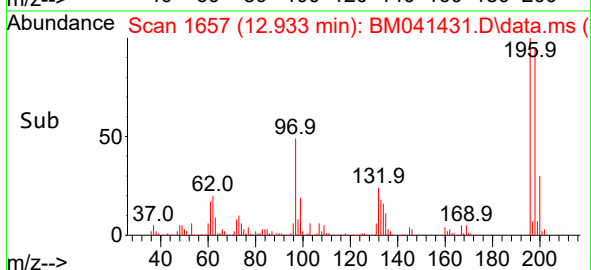
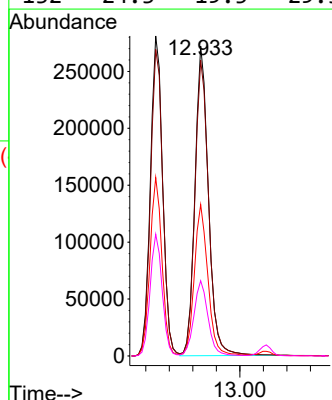
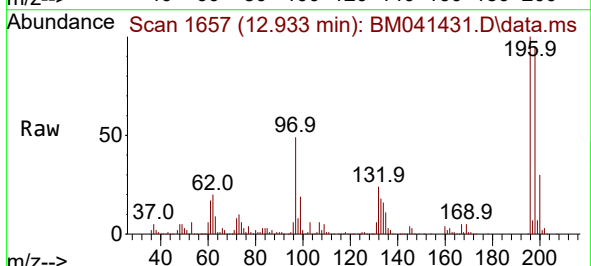
Ion Ratio Lower Upper

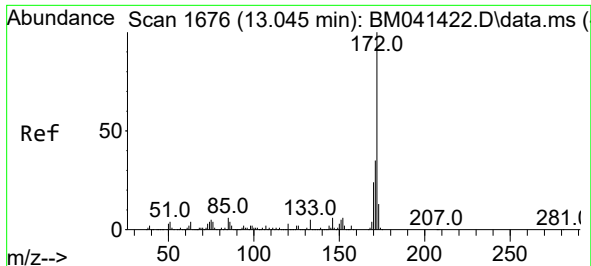
196 100

198 95.4 79.1 118.7

97 48.9 39.9 59.9

132 24.3 19.5 29.3



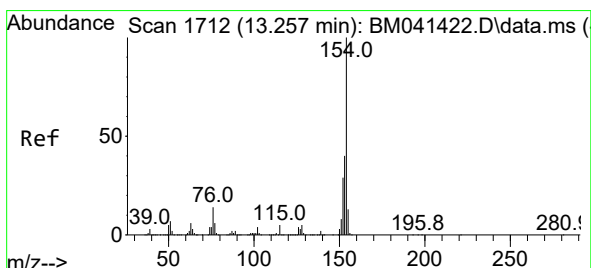
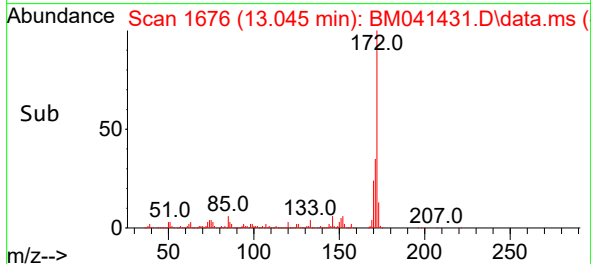
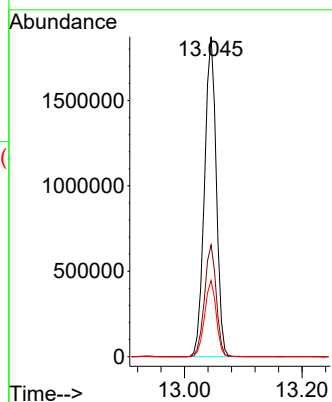
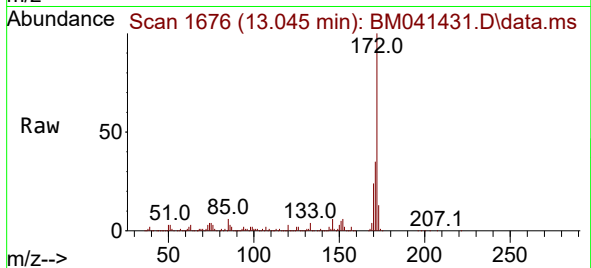


#45
2-Fluorobiphenyl
Concen: 90.464 ng
RT: 13.045 min Scan# 1676
Delta R.T. -0.000 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

Instrument :
BNA_M
ClientSampleId :
PB154837BSD

Tgt Ion:172 Resp: 2603788

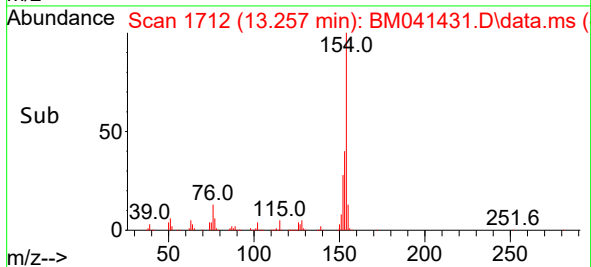
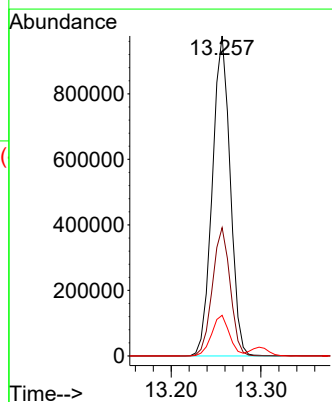
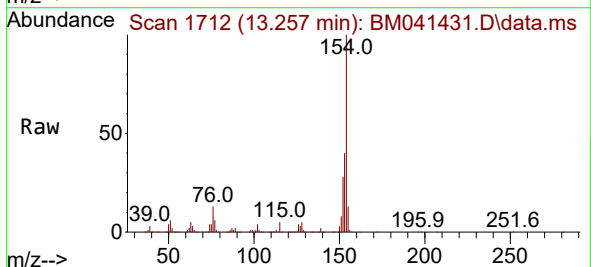
Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.3	42.5
170	23.8	19.0	28.6

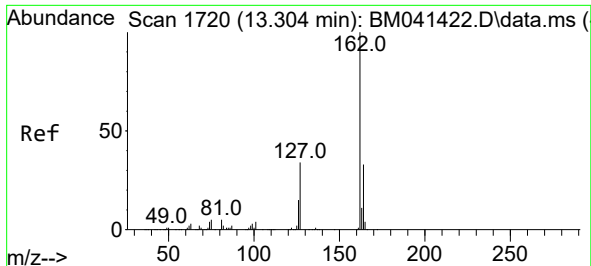


#46
1,1'-Biphenyl
Concen: 46.352 ng
RT: 13.257 min Scan# 1712
Delta R.T. -0.000 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

Tgt Ion:154 Resp: 1349214

Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.4	60.4
76	12.7	0.0	33.6

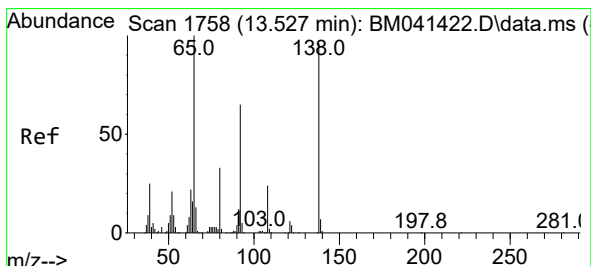
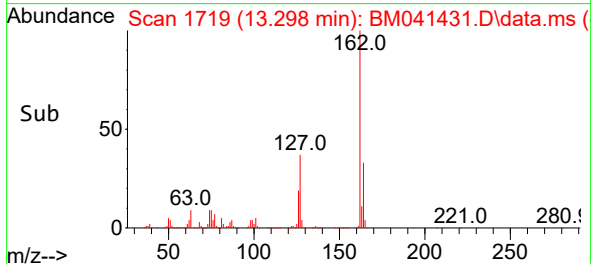
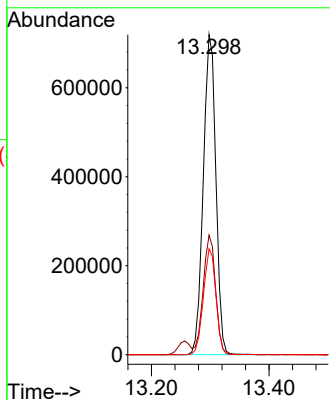
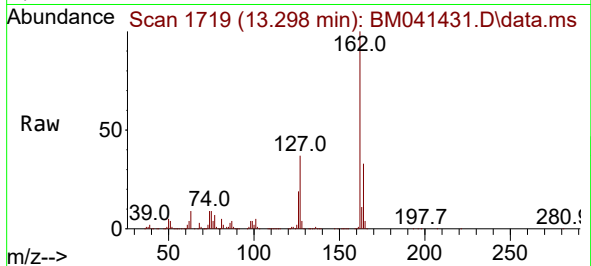




#47
2-Chloronaphthalene
Concen: 47.652 ng
RT: 13.298 min Scan# 1719
Delta R.T. -0.006 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

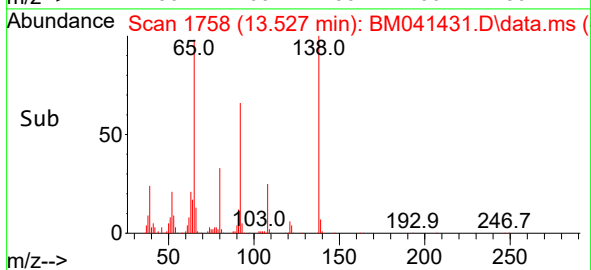
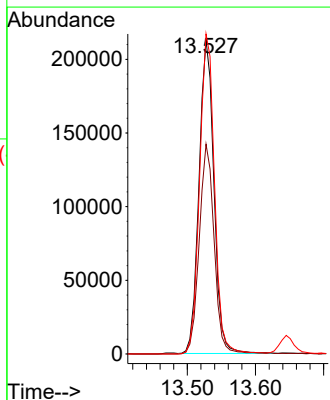
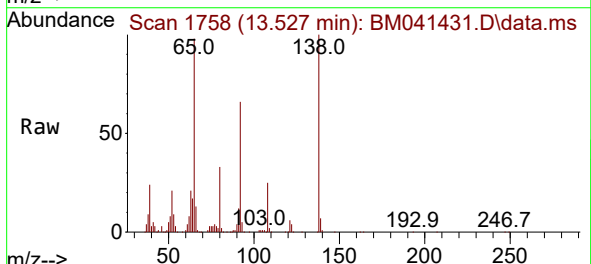
Instrument :
BNA_M
ClientSampleId :
PB154837BSD

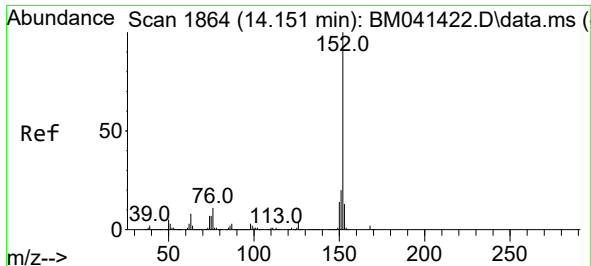
Tgt Ion:162 Resp: 1066069
Ion Ratio Lower Upper
162 100
127 37.3 29.6 44.4
164 33.1 26.2 39.2



#48
2-Nitroaniline
Concen: 44.186 ng
RT: 13.527 min Scan# 1758
Delta R.T. -0.000 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

Tgt Ion: 65 Resp: 322998
Ion Ratio Lower Upper
65 100
92 66.8 51.9 77.9
138 102.0 76.8 115.2

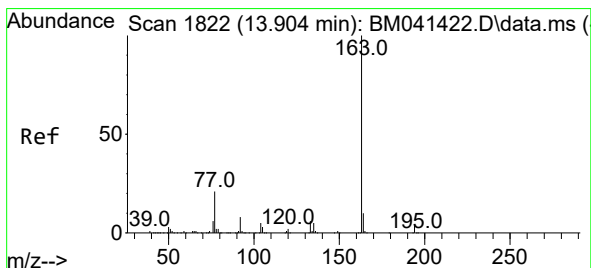
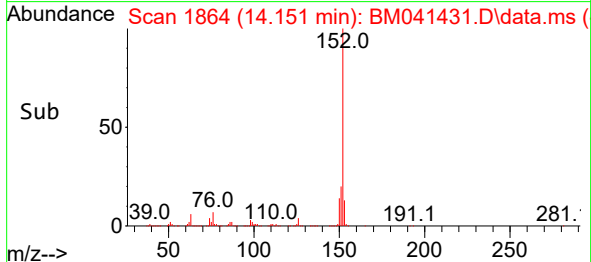
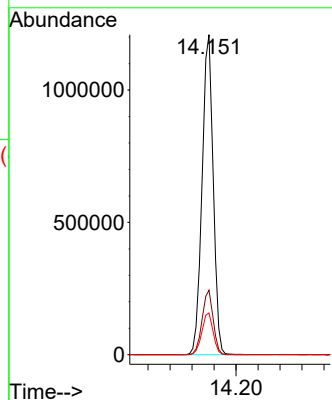
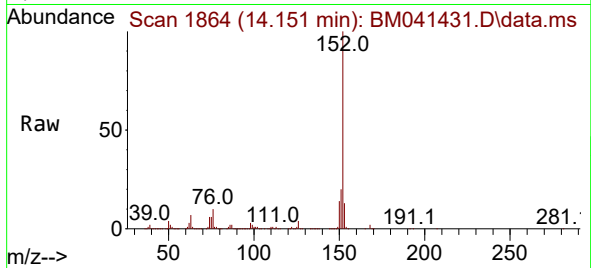




#49
Acenaphthylene
Concen: 46.982 ng
RT: 14.151 min Scan# 1864
Delta R.T. -0.000 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

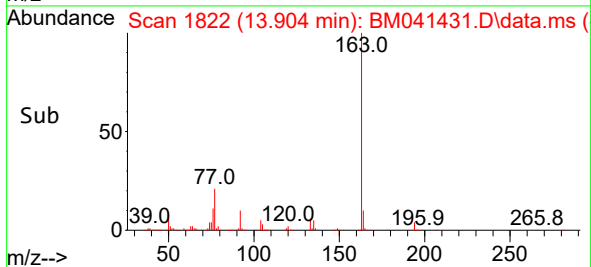
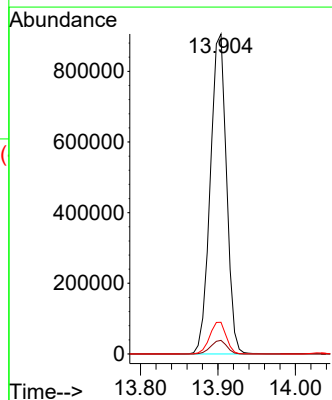
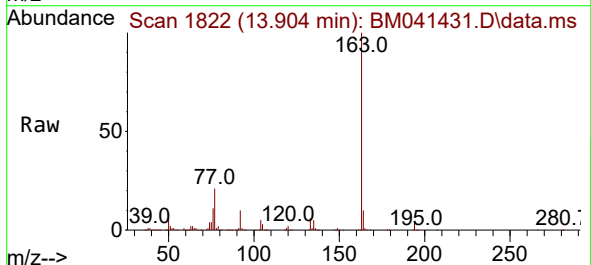
Instrument :
BNA_M
ClientSampleId :
PB154837BSD

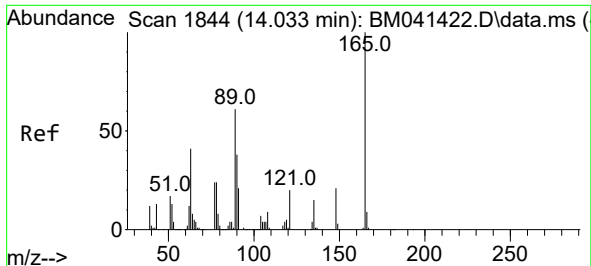
Tgt Ion:152 Resp: 1703221
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.0 10.2 15.2



#50
Dimethylphthalate
Concen: 43.671 ng
RT: 13.904 min Scan# 1822
Delta R.T. -0.000 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

Tgt Ion:163 Resp: 1315266
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 9.9 8.1 12.1

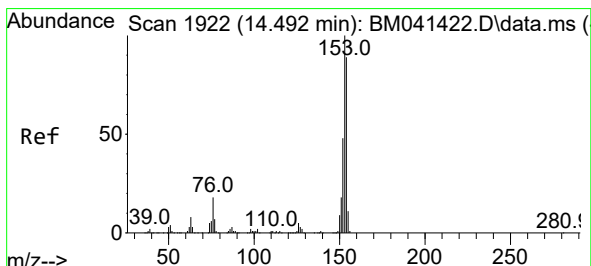
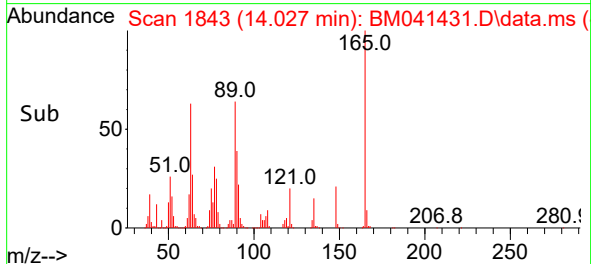
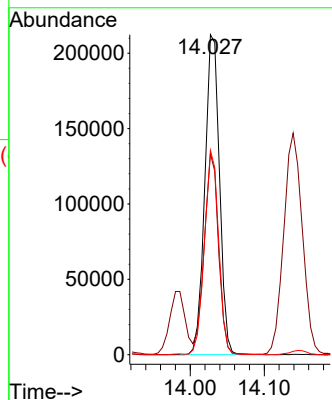
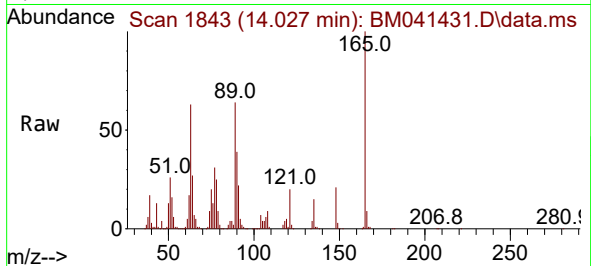




#51
2,6-Dinitrotoluene
Concen: 45.168 ng
RT: 14.027 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

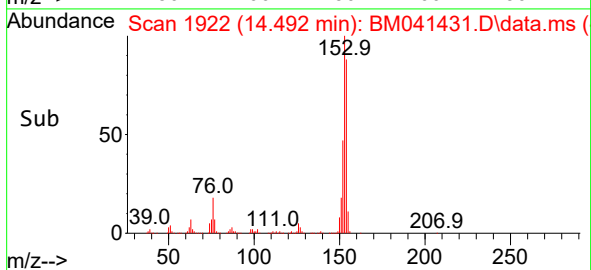
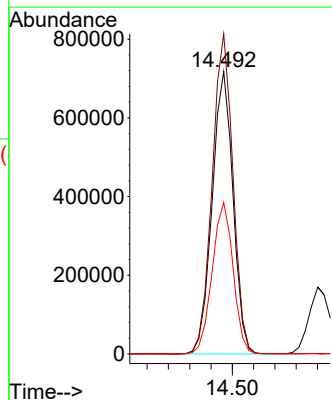
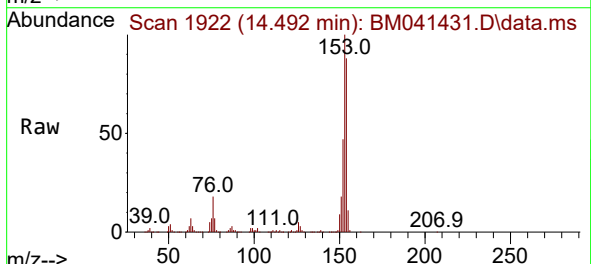
Instrument :
BNA_M
ClientSampleId :
PB154837BSD

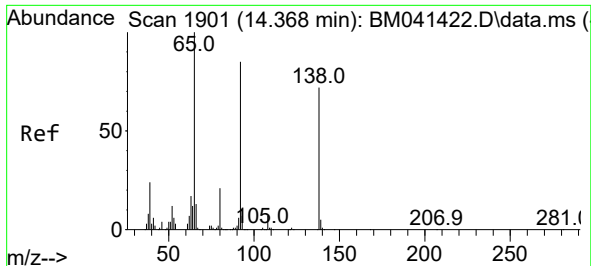
Tgt Ion:165 Resp: 291534
Ion Ratio Lower Upper
165 100
63 62.8 49.5 74.3
89 63.9 49.4 74.0



#52
Acenaphthene
Concen: 44.944 ng
RT: 14.492 min Scan# 1922
Delta R.T. -0.000 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

Tgt Ion:154 Resp: 974510
Ion Ratio Lower Upper
154 100
153 113.3 90.4 135.6
152 53.7 43.1 64.7

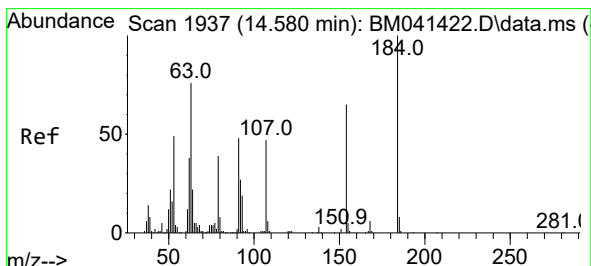
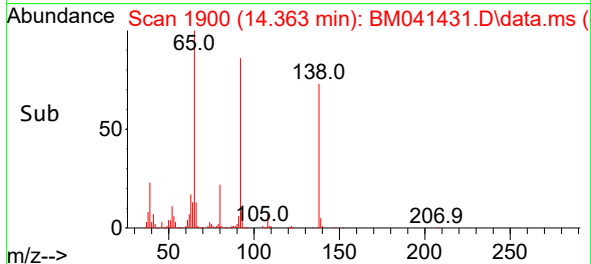
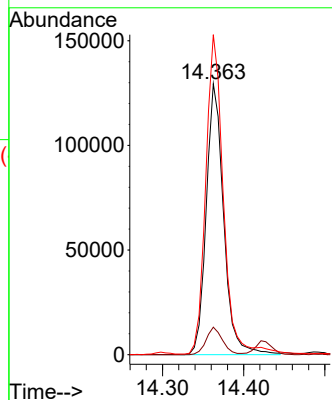
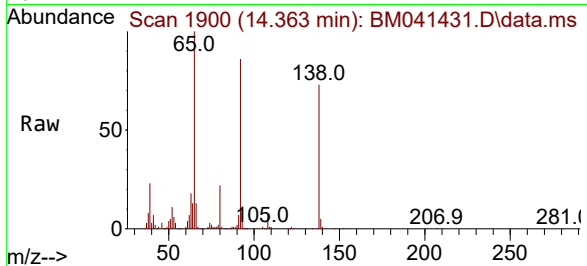




#53
3-Nitroaniline
Concen: 29.971 ng
RT: 14.363 min Scan# 1901
Delta R.T. -0.005 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

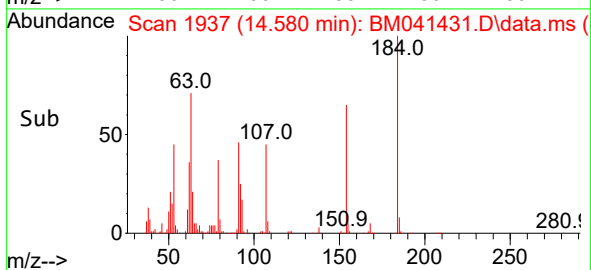
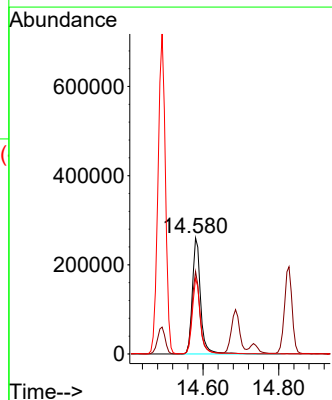
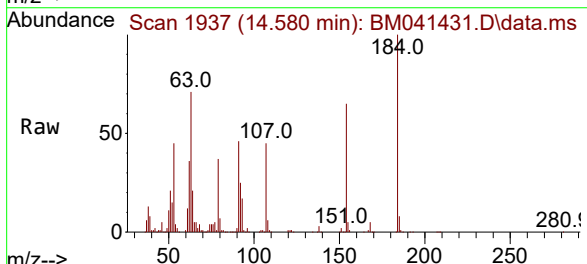
Instrument :
BNA_M
ClientSampleId :
PB154837BSD

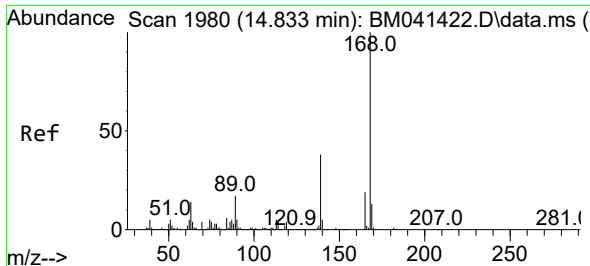
Tgt Ion:138 Resp: 192922
Ion Ratio Lower Upper
138 100
108 10.2 7.9 11.9
92 118.1 95.1 142.7



#54
2,4-Dinitrophenol
Concen: 97.412 ng
RT: 14.580 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

Tgt Ion:184 Resp: 393270
Ion Ratio Lower Upper
184 100
63 71.2 61.1 91.7
154 65.3 52.4 78.6

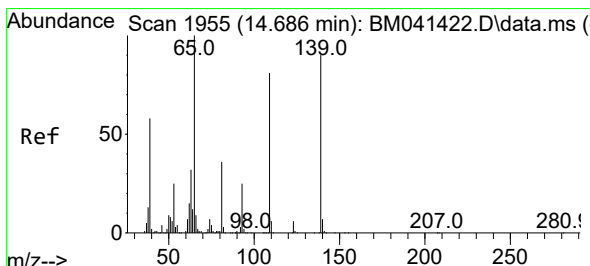
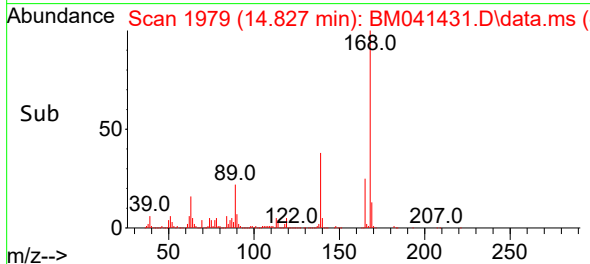
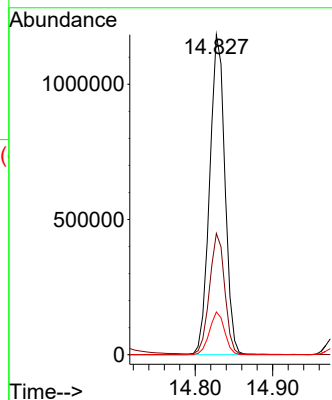
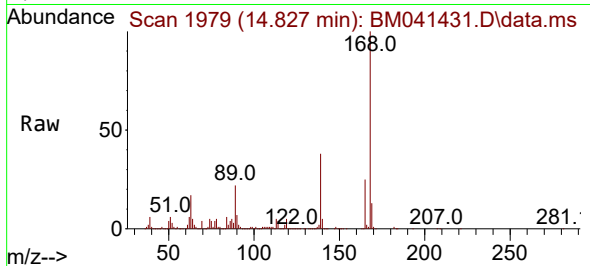




#55
Dibenzenofuran
Concen: 44.638 ng
RT: 14.827 min Scan# 1980
Delta R.T. -0.006 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

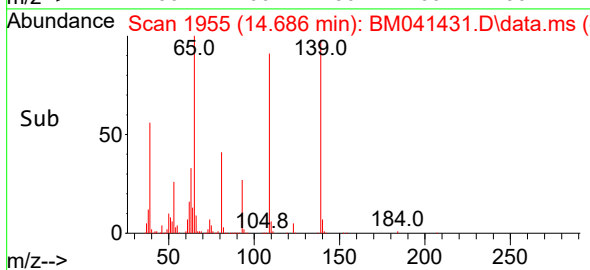
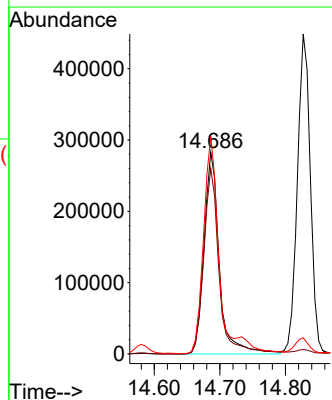
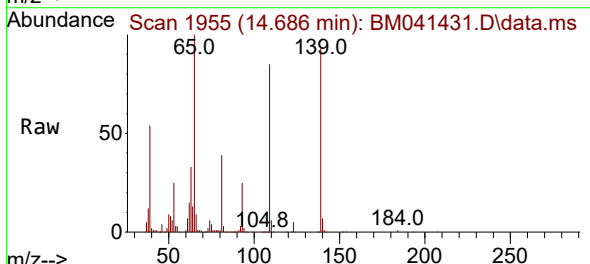
Instrument :
BNA_M
ClientSampleId :
PB154837BSD

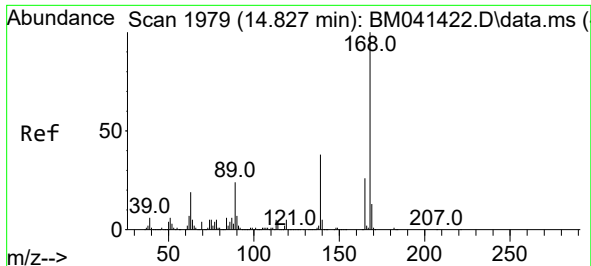
Tgt Ion:168 Resp: 1623004
Ion Ratio Lower Upper
168 100
139 37.9 30.2 45.2
169 13.4 10.5 15.7



#56
4-Nitrophenol
Concen: 95.059 ng
RT: 14.686 min Scan# 1955
Delta R.T. 0.000 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

Tgt Ion:139 Resp: 460762
Ion Ratio Lower Upper
139 100
109 92.0 70.6 110.6
65 108.1 91.8 131.8

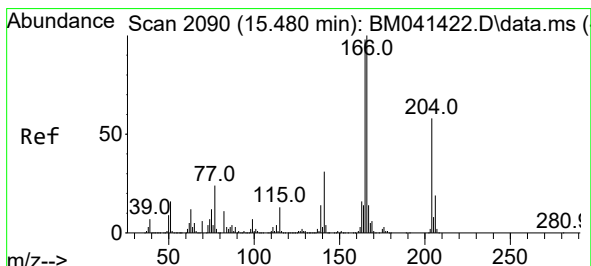
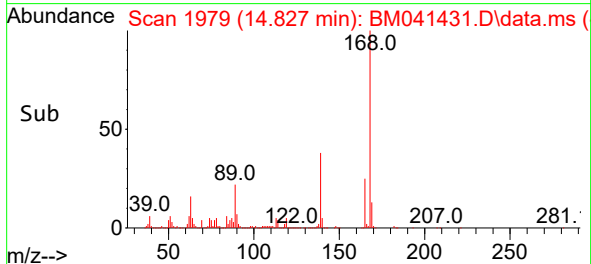
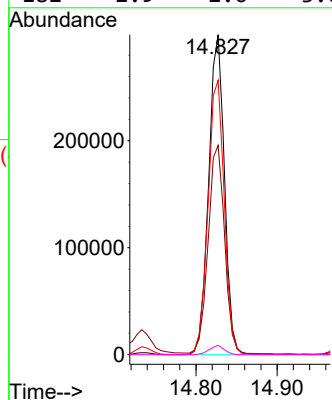
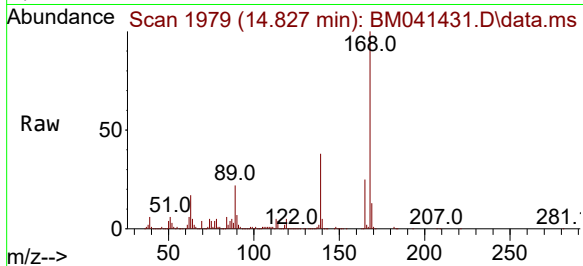




#57
2,4-Dinitrotoluene
Concen: 45.728 ng
RT: 14.827 min Scan# 1979
Delta R.T. -0.000 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

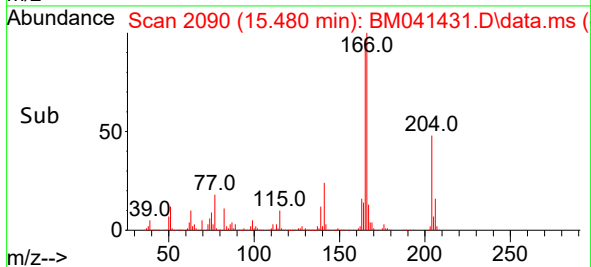
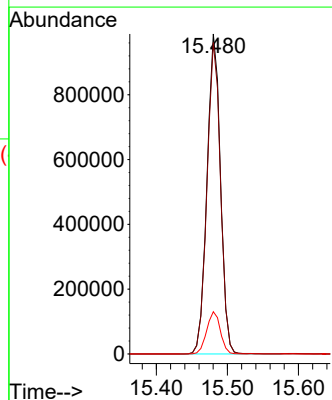
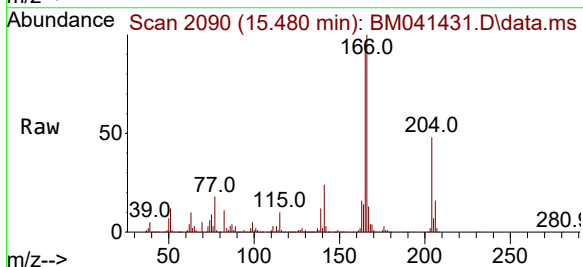
Instrument :
BNA_M
ClientSampleId :
PB154837BSD

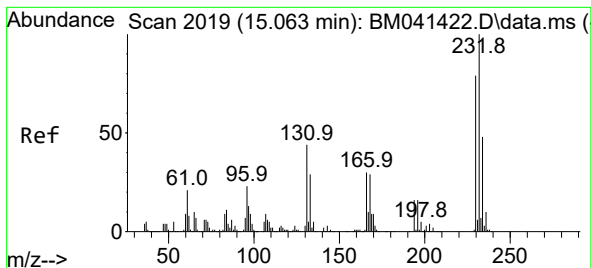
Tgt Ion:165 Resp: 403362
Ion Ratio Lower Upper
165 100
63 65.4 56.8 85.2
89 85.8 73.4 110.0
182 2.9 2.0 3.0



#58
Fluorene
Concen: 44.730 ng
RT: 15.480 min Scan# 2090
Delta R.T. -0.000 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

Tgt Ion:166 Resp: 1303376
Ion Ratio Lower Upper
166 100
165 97.3 78.2 117.4
167 13.2 11.2 16.8

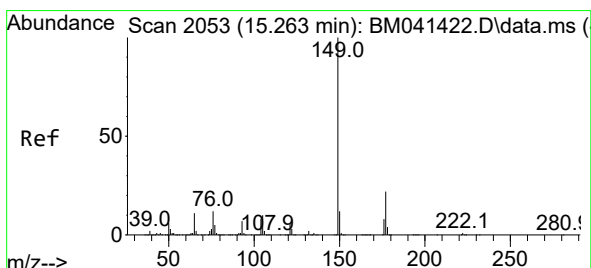
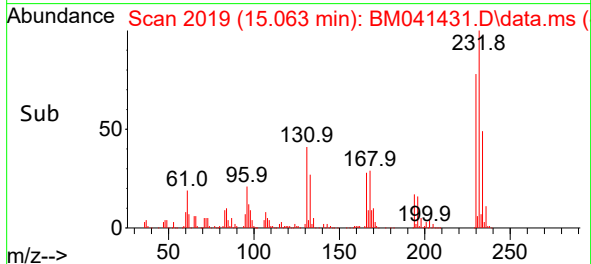
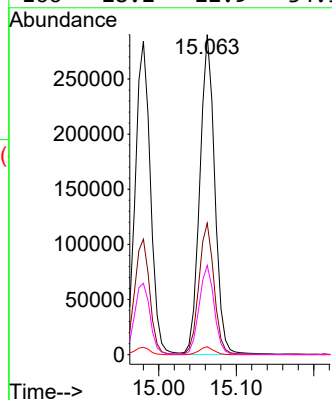
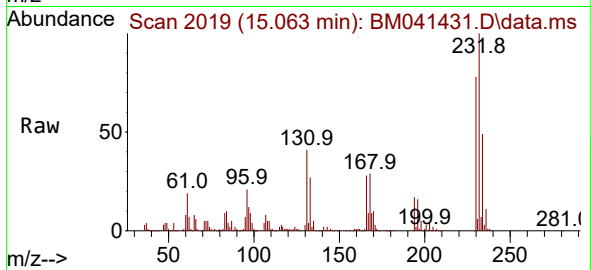




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.764 ng
RT: 15.063 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

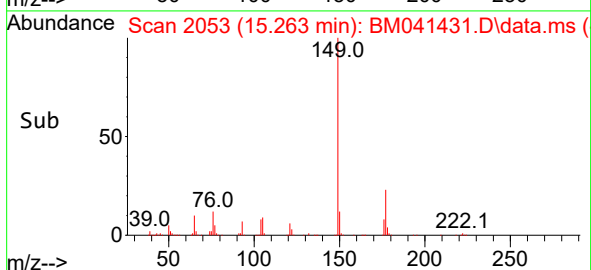
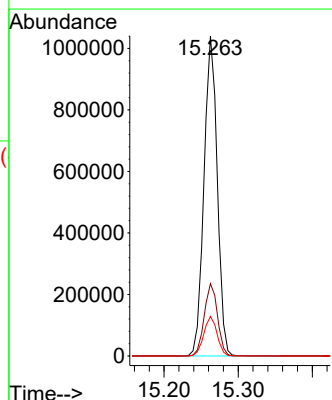
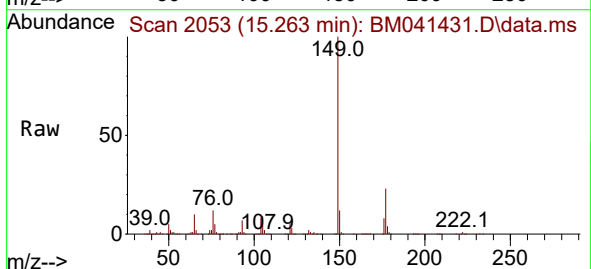
Instrument :
BNA_M
ClientSampleId :
PB154837BSD

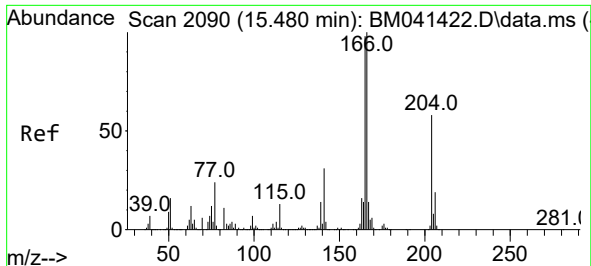
Tgt Ion:232 Resp: 387469
Ion Ratio Lower Upper
232 100
131 41.8 34.7 52.1
130 2.4 1.9 2.9
166 28.2 22.9 34.3



#60
Diethylphthalate
Concen: 42.953 ng
RT: 15.263 min Scan# 2053
Delta R.T. -0.000 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

Tgt Ion:149 Resp: 1292498
Ion Ratio Lower Upper
149 100
177 22.6 17.8 26.8
150 12.3 9.8 14.8

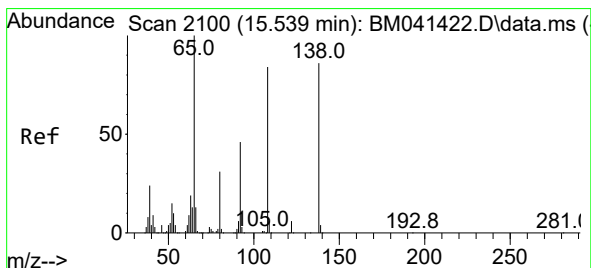
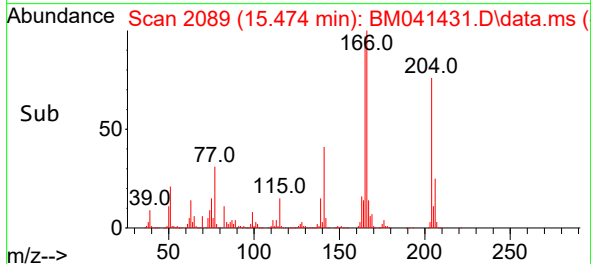
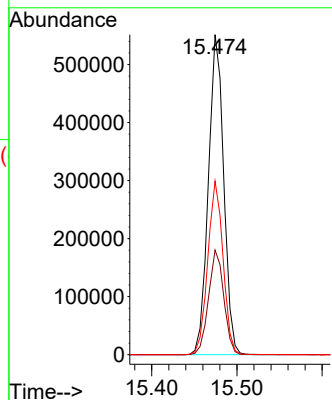
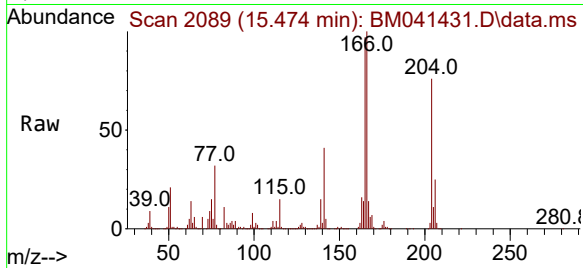




#61
4-Chlorophenyl-phenylether
Concen: 43.979 ng
RT: 15.474 min Scan# 2090
Delta R.T. -0.006 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

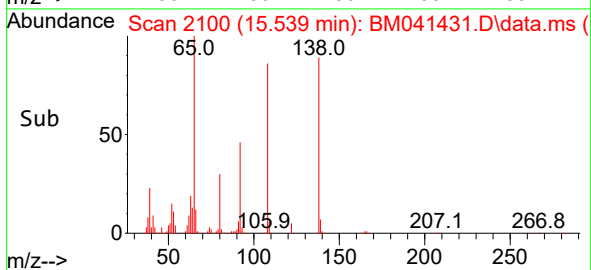
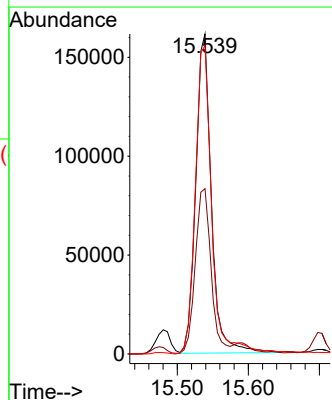
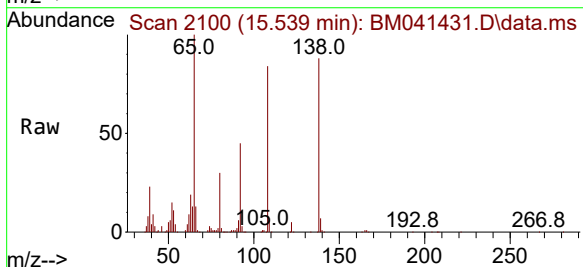
Instrument :
BNA_M
ClientSampleId :
PB154837BSD

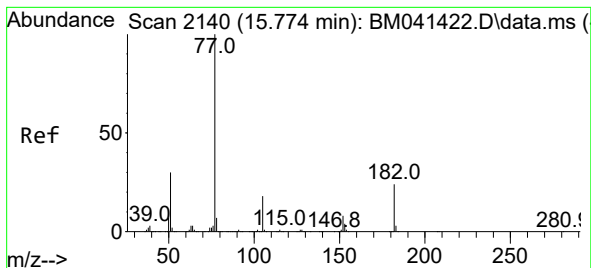
Tgt Ion:204 Resp: 690895
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 54.3 42.9 64.3



#62
4-Nitroaniline
Concen: 42.093 ng
RT: 15.539 min Scan# 2100
Delta R.T. -0.000 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

Tgt Ion:138 Resp: 247181
Ion Ratio Lower Upper
138 100
92 51.6 33.5 73.5
108 96.4 76.6 116.6





#63

Azobenzene

Concen: 43.644 ng

RT: 15.768 min Scan# 2140

Delta R.T. -0.006 min

Lab File: BM041431.D

Acq: 17 Aug 2023 11:07

Instrument :

BNA_M

ClientSampleId :

PB154837BSD

Tgt Ion: 77 Resp: 1323191

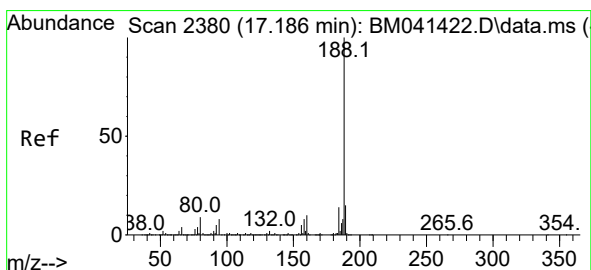
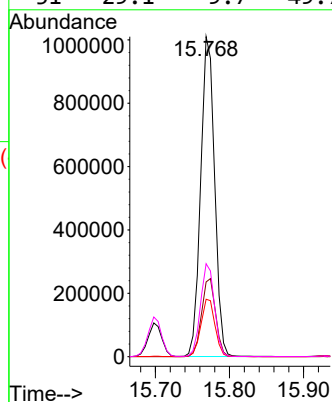
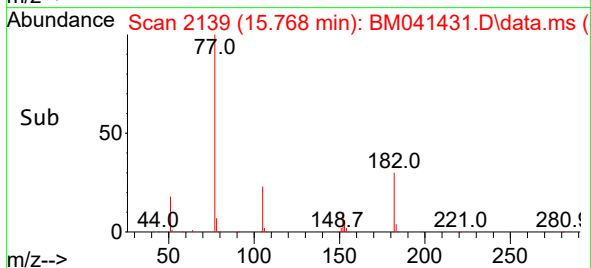
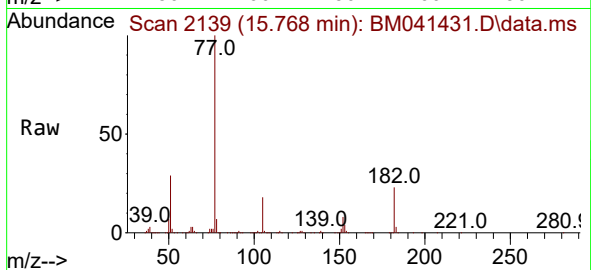
Ion Ratio Lower Upper

77 100

182 23.4 3.7 43.7

105 17.9 0.0 37.7

51 29.1 9.7 49.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.186 min Scan# 2380

Delta R.T. -0.000 min

Lab File: BM041431.D

Acq: 17 Aug 2023 11:07

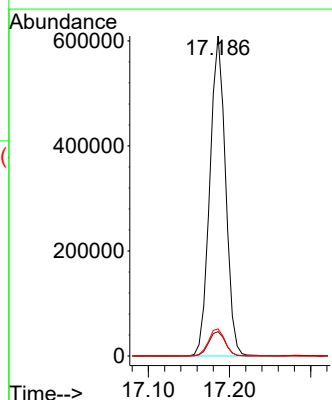
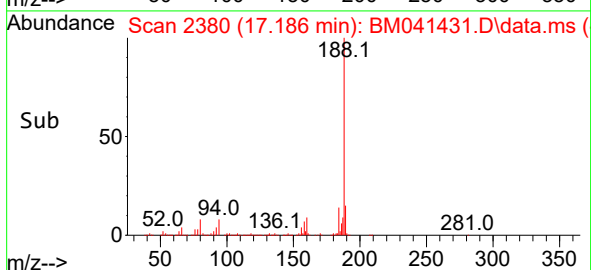
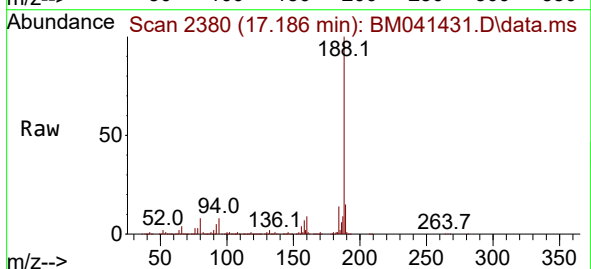
Tgt Ion: 188 Resp: 817150

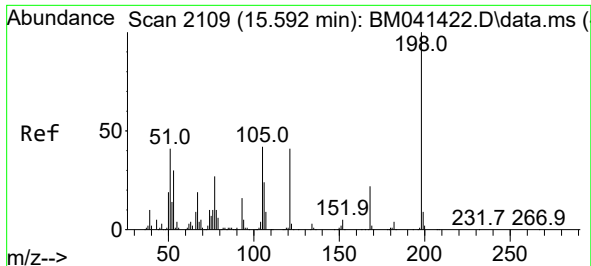
Ion Ratio Lower Upper

188 100

94 7.6 6.6 9.8

80 8.5 7.5 11.3

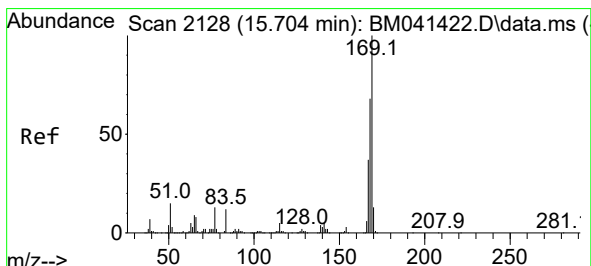
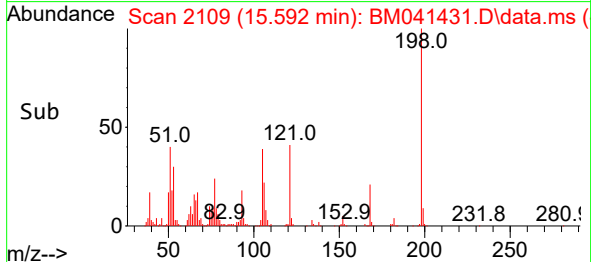
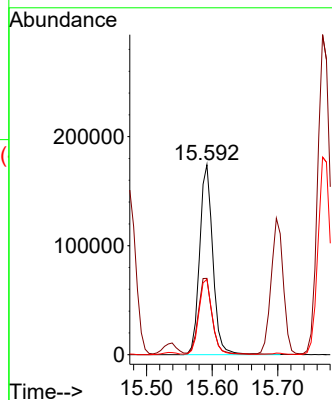
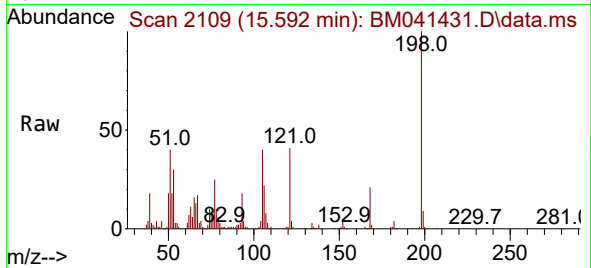




#65
4,6-Dinitro-2-methylphenol
Concen: 46.725 ng
RT: 15.592 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

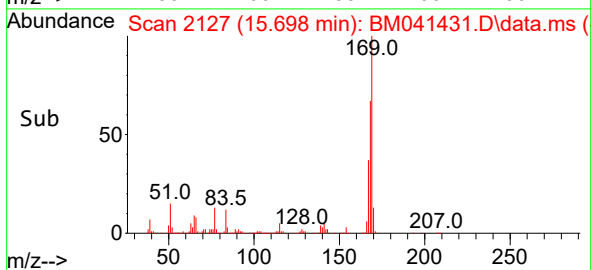
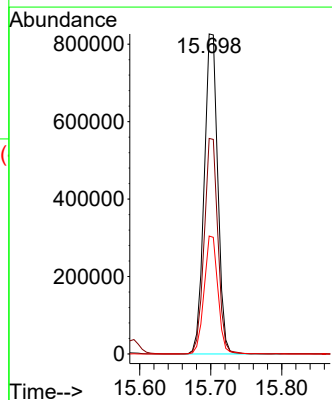
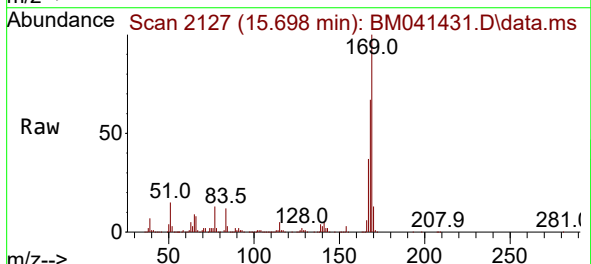
Instrument :
BNA_M
ClientSampleId :
PB154837BSD

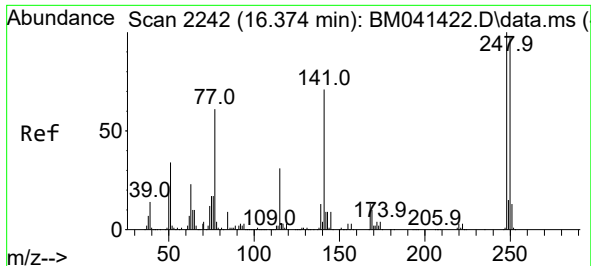
Tgt Ion:198 Resp: 244415
Ion Ratio Lower Upper
198 100
51 40.2 23.2 63.2
105 39.7 22.4 62.4



#66
n-Nitrosodiphenylamine
Concen: 45.809 ng
RT: 15.698 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

Tgt Ion:169 Resp: 1101900
Ion Ratio Lower Upper
169 100
168 67.4 54.5 81.7
167 36.9 29.9 44.9

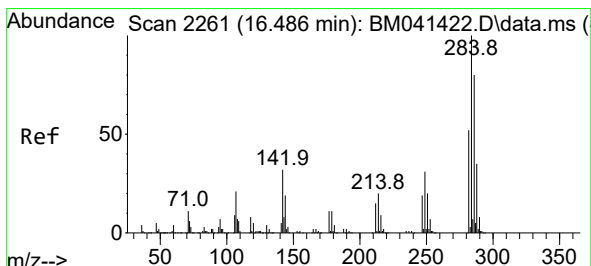
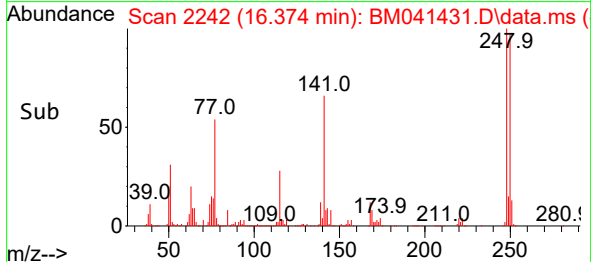
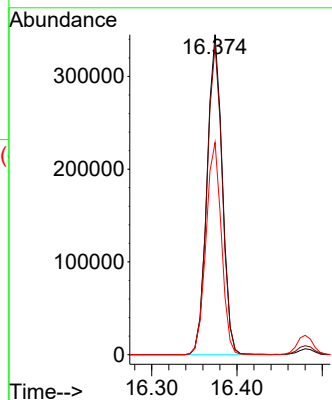
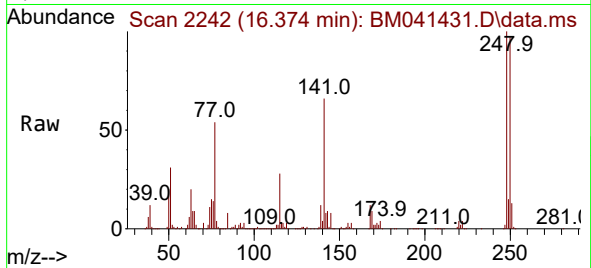




#67
4-Bromophenyl-phenylether
Concen: 45.772 ng
RT: 16.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

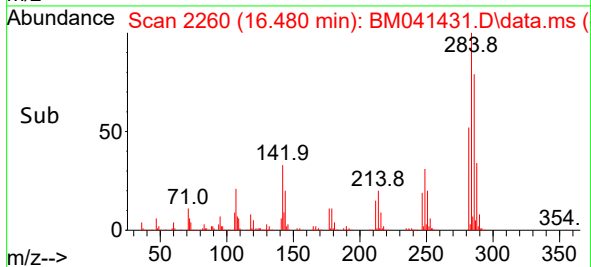
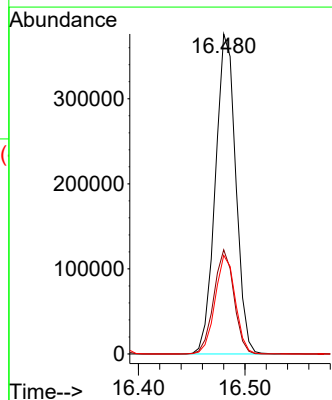
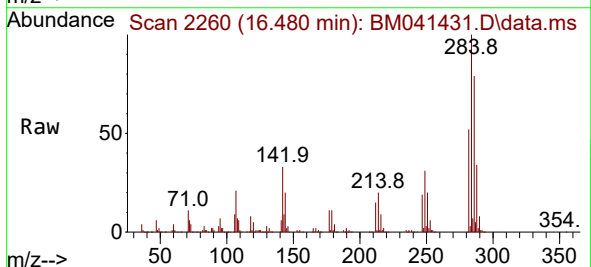
Instrument :
BNA_M
ClientSampleId :
PB154837BSD

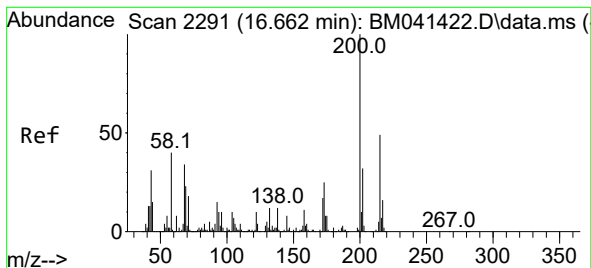
Tgt Ion:248 Resp: 428613
Ion Ratio Lower Upper
248 100
250 96.7 77.6 116.4
141 66.4 56.7 85.1



#68
Hexachlorobenzene
Concen: 48.825 ng
RT: 16.480 min Scan# 2260
Delta R.T. -0.006 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

Tgt Ion:284 Resp: 498951
Ion Ratio Lower Upper
284 100
142 32.6 25.4 38.2
249 30.8 24.4 36.6





#69

Atrazine

Concen: 60.103 ng

RT: 16.662 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041431.D

Acq: 17 Aug 2023 11:07

Instrument :

BNA_M

ClientSampleId :

PB154837BSD

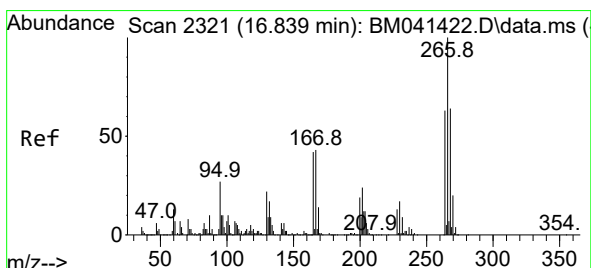
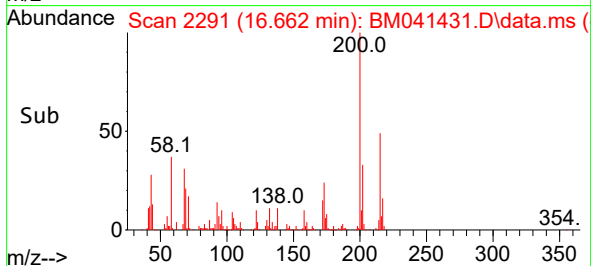
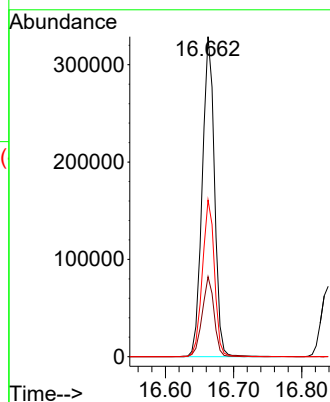
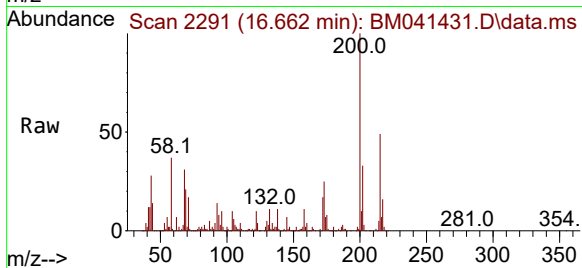
Tgt Ion:200 Resp: 410264

Ion Ratio Lower Upper

200 100

173 25.0 4.7 44.7

215 49.0 29.4 69.4



#70

Pentachlorophenol

Concen: 80.506 ng

RT: 16.839 min Scan# 2321

Delta R.T. -0.000 min

Lab File: BM041431.D

Acq: 17 Aug 2023 11:07

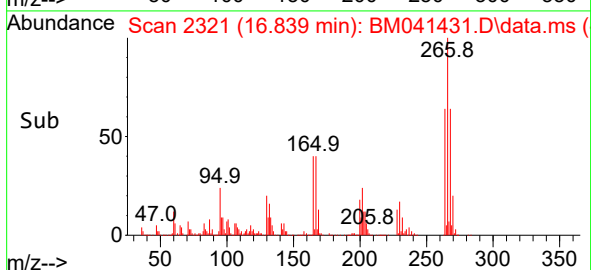
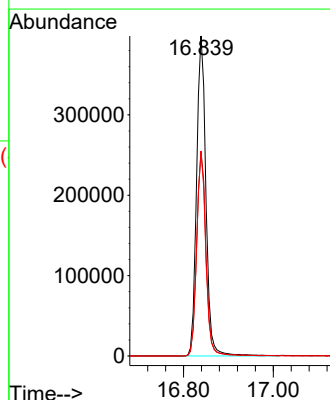
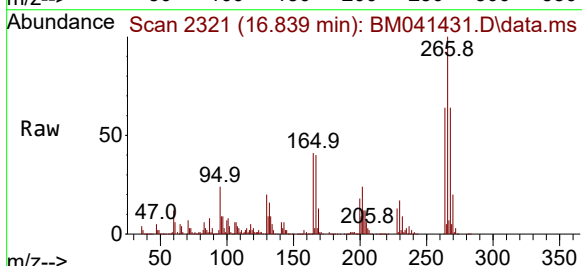
Tgt Ion:266 Resp: 576094

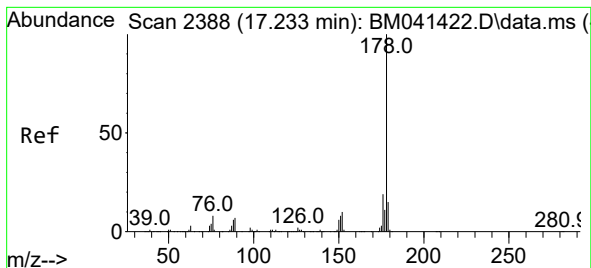
Ion Ratio Lower Upper

266 100

268 63.9 50.9 76.3

264 64.1 50.2 75.2





#71

Phenanthrene

Concen: 45.876 ng

RT: 17.227 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041431.D

Acq: 17 Aug 2023 11:07

Instrument :

BNA_M

ClientSampleId :

PB154837BSD

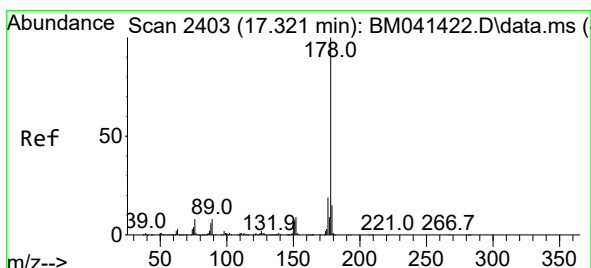
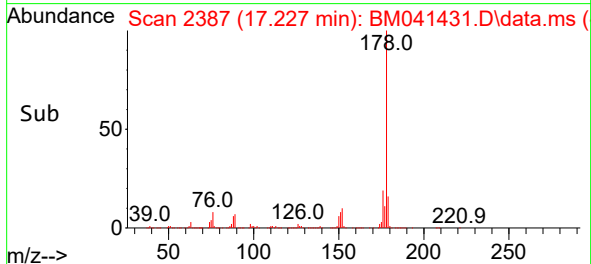
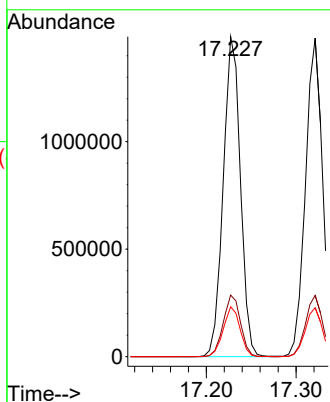
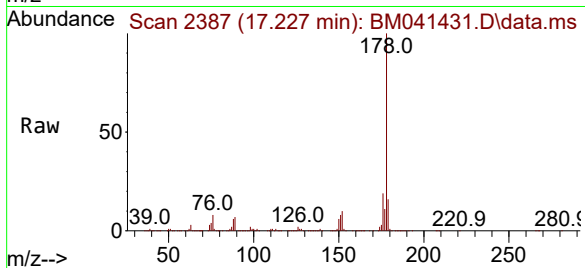
Tgt Ion:178 Resp: 1978863

Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

179 15.6 12.2 18.4



#72

Anthracene

Concen: 45.399 ng

RT: 17.321 min Scan# 2403

Delta R.T. -0.000 min

Lab File: BM041431.D

Acq: 17 Aug 2023 11:07

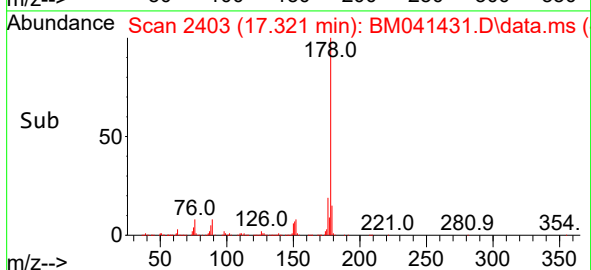
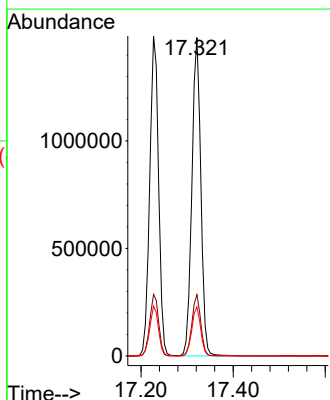
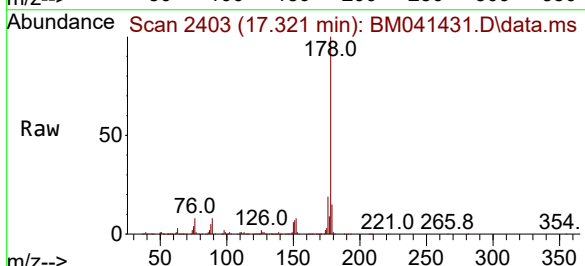
Tgt Ion:178 Resp: 1985735

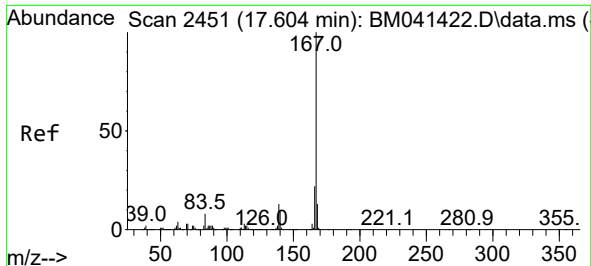
Ion Ratio Lower Upper

178 100

176 19.3 14.9 22.3

179 15.4 12.2 18.2

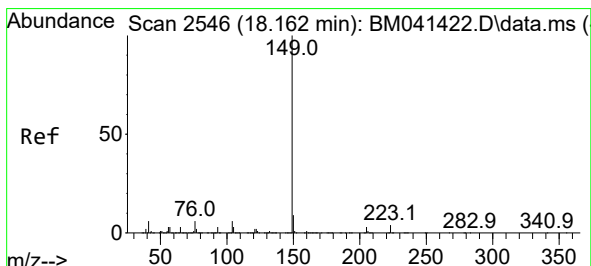
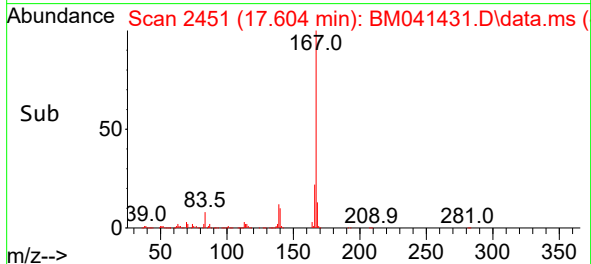
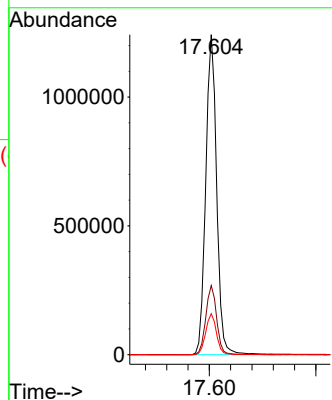
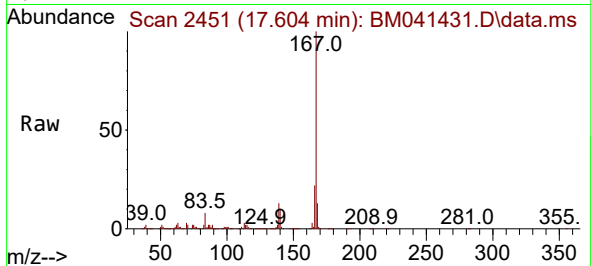




#73
 Carbazole
 Concen: 45.271 ng
 RT: 17.604 min Scan# 2451
 Delta R.T. -0.000 min
 Lab File: BM041431.D
 Acq: 17 Aug 2023 11:07

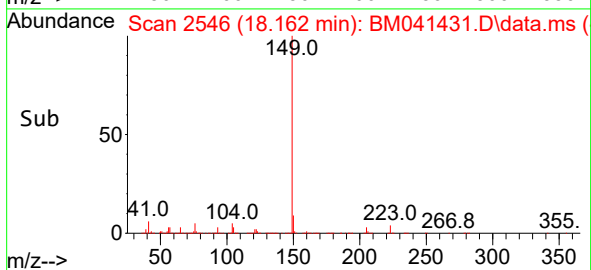
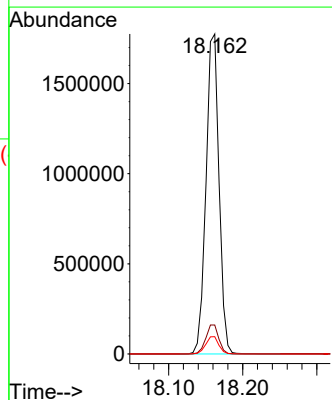
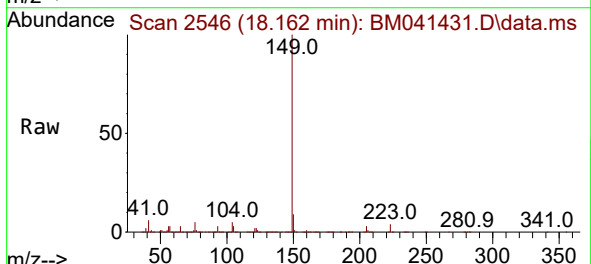
Instrument :
 BNA_M
 ClientSampleId :
 PB154837BSD

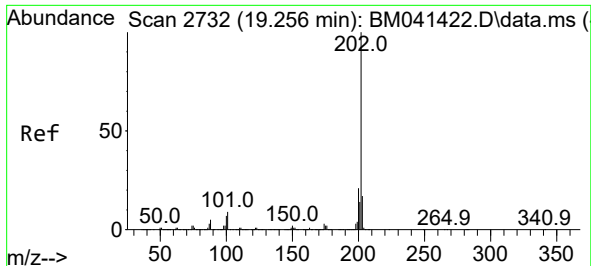
Tgt Ion:167 Resp: 1761886
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.3 25.9
 139 12.8 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 44.329 ng
 RT: 18.162 min Scan# 2546
 Delta R.T. -0.000 min
 Lab File: BM041431.D
 Acq: 17 Aug 2023 11:07

Tgt Ion:149 Resp: 2167336
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.3 10.9
 104 5.4 4.5 6.7

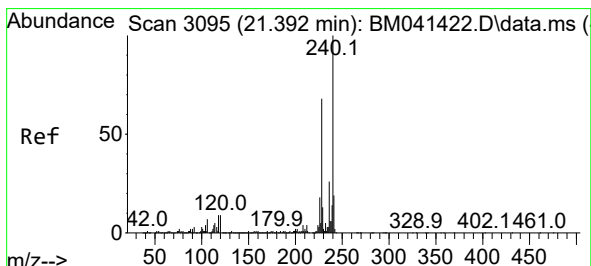
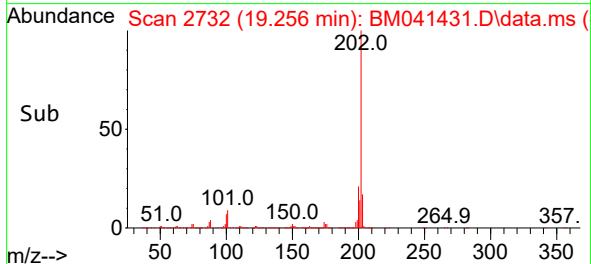
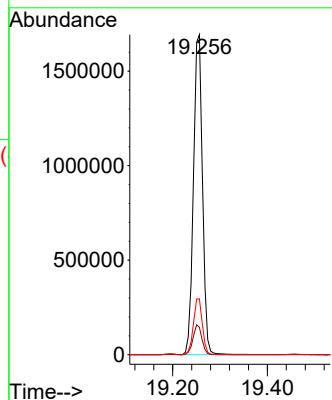
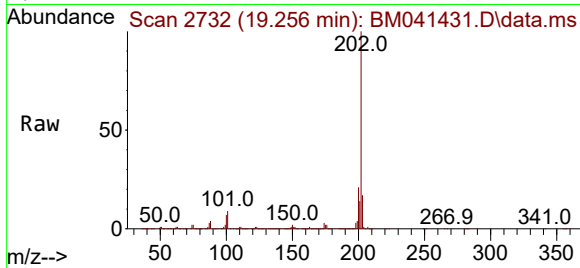




#75
Fluoranthene
Concen: 43.612 ng
RT: 19.256 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

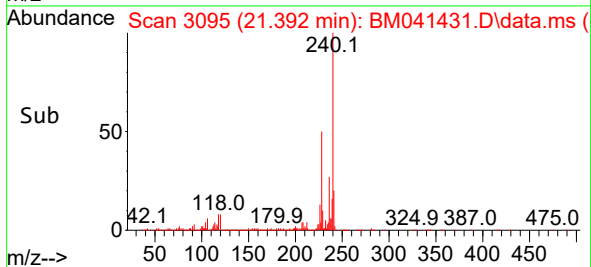
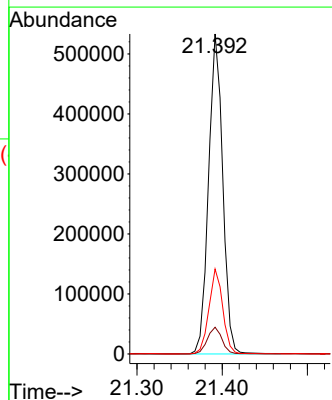
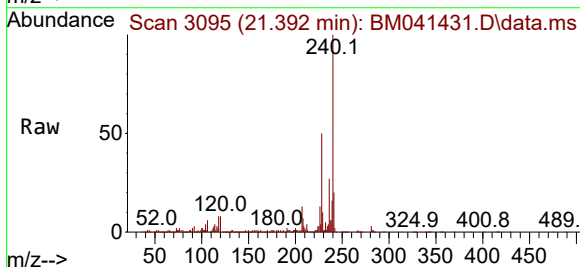
Instrument :
BNA_M
ClientSampleId :
PB154837BSD

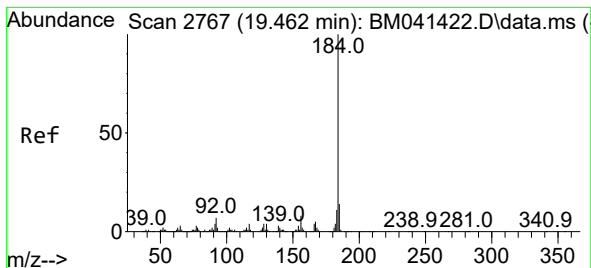
Tgt Ion:202 Resp: 2239669
Ion Ratio Lower Upper
202 100
101 8.6 0.0 29.1
203 17.5 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 3095
Delta R.T. -0.000 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

Tgt Ion:240 Resp: 615565
Ion Ratio Lower Upper
240 100
120 8.4 7.4 11.2
236 26.6 20.8 31.2





#77

Benzidine

Concen: 92.738 ng

RT: 19.456 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041431.D

Acq: 17 Aug 2023 11:07

Instrument :

BNA_M

ClientSampleId :

PB154837BSD

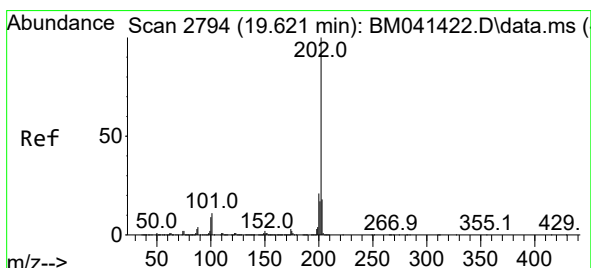
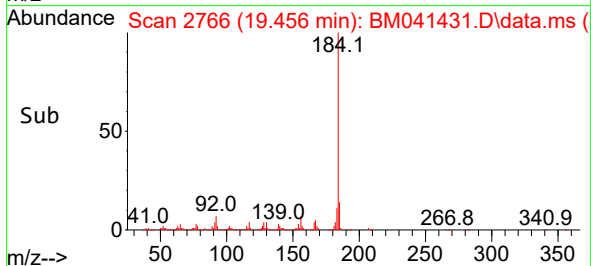
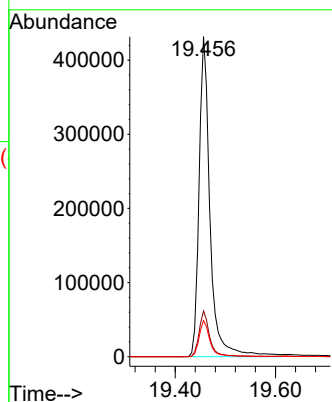
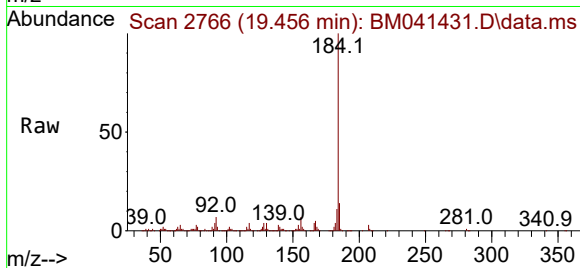
Tgt Ion:184 Resp: 654356

Ion Ratio Lower Upper

184 100

185 14.3 11.4 17.0

183 11.3 8.8 13.2



#78

Pyrene

Concen: 52.343 ng

RT: 19.621 min Scan# 2794

Delta R.T. -0.000 min

Lab File: BM041431.D

Acq: 17 Aug 2023 11:07

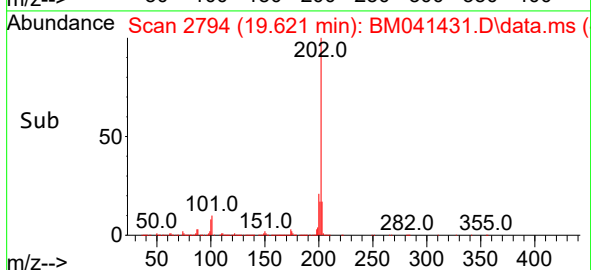
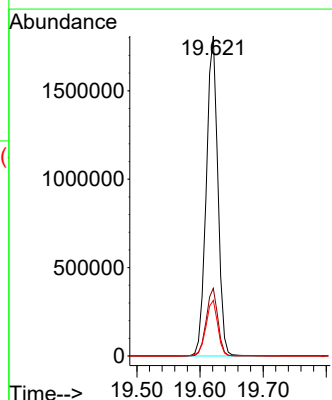
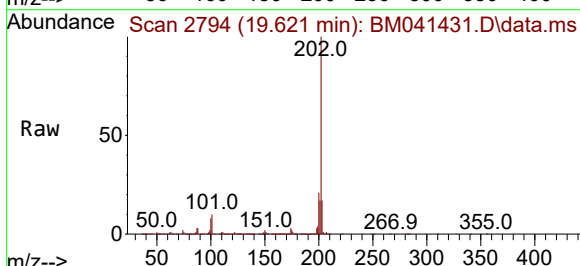
Tgt Ion:202 Resp: 2304338

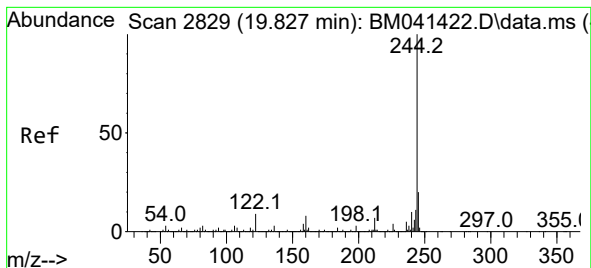
Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

203 17.3 14.1 21.1





#79

Terphenyl-d14

Concen: 108.354 ng

RT: 19.827 min Scan# 2829

Delta R.T. -0.000 min

Lab File: BM041431.D

Acq: 17 Aug 2023 11:07

Instrument :

BNA_M

ClientSampleId :

PB154837BSD

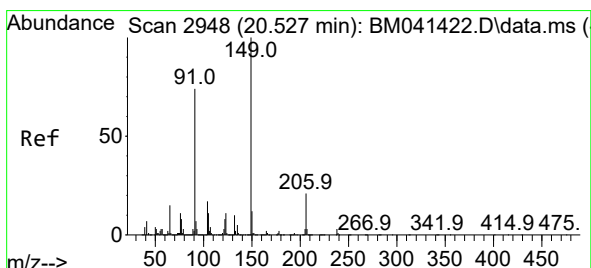
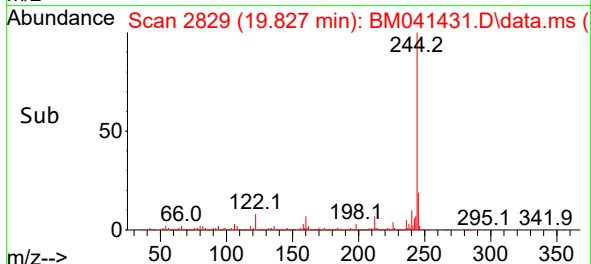
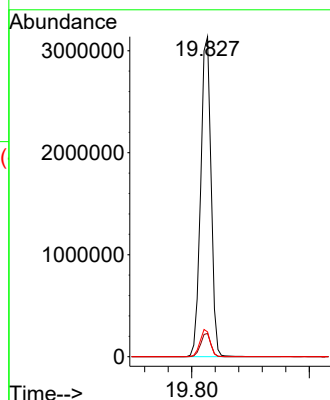
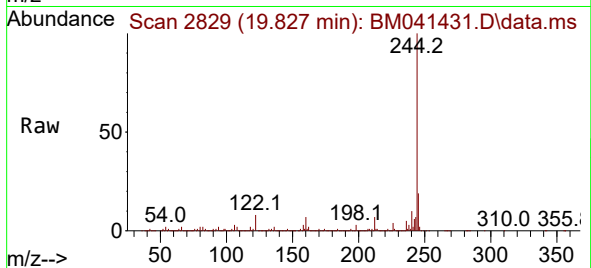
Tgt Ion:244 Resp: 3832913

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 7.8 6.9 10.3



#80

Butylbenzylphthalate

Concen: 48.274 ng

RT: 20.527 min Scan# 2948

Delta R.T. -0.000 min

Lab File: BM041431.D

Acq: 17 Aug 2023 11:07

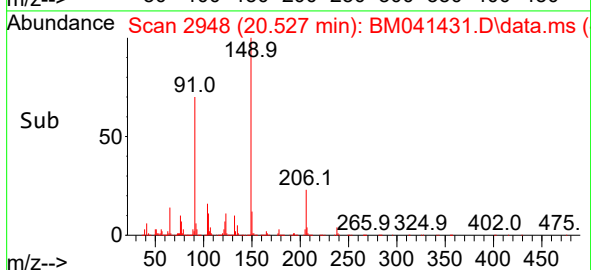
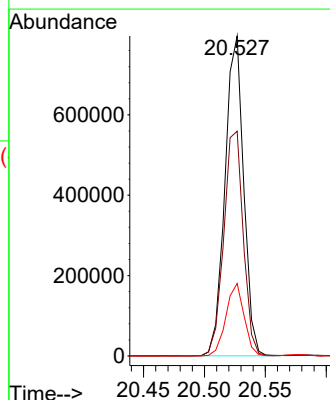
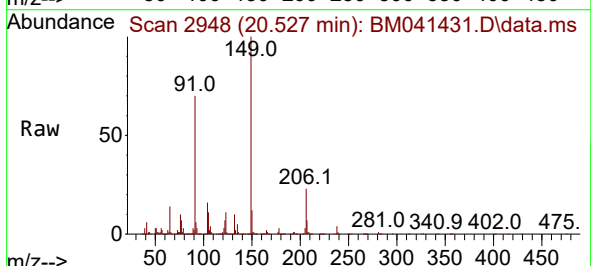
Tgt Ion:149 Resp: 851192

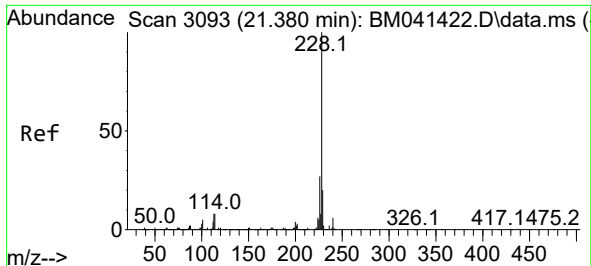
Ion Ratio Lower Upper

149 100

91 70.2 59.3 88.9

206 22.6 17.0 25.6

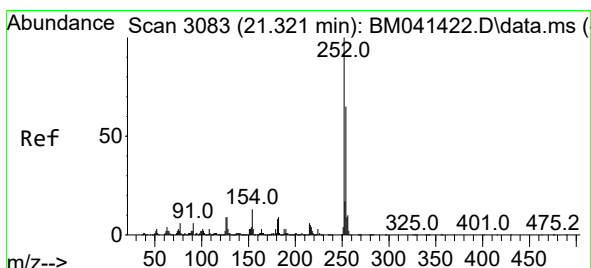
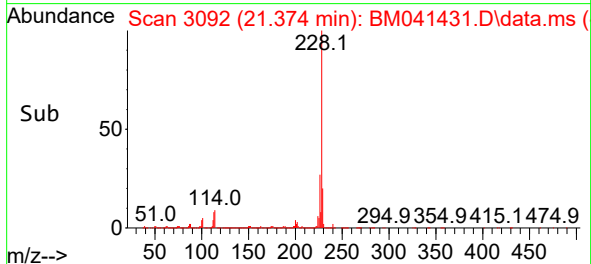
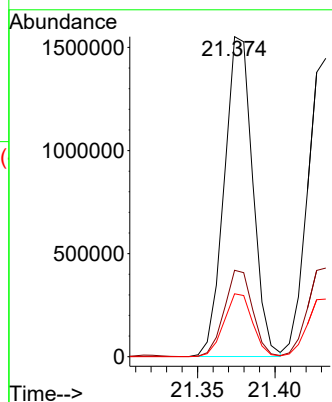
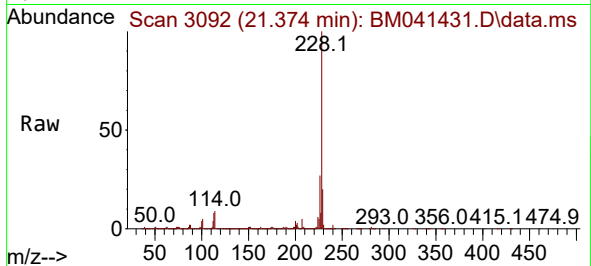




#81
Benzo(a)anthracene
Concen: 47.175 ng
RT: 21.374 min Scan# 3092
Delta R.T. -0.006 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

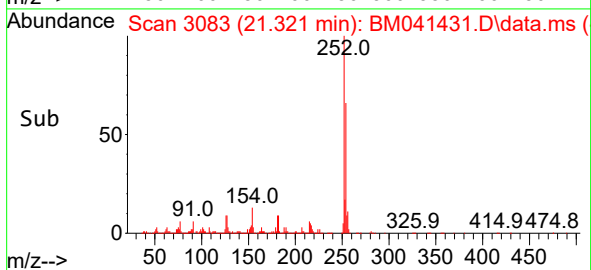
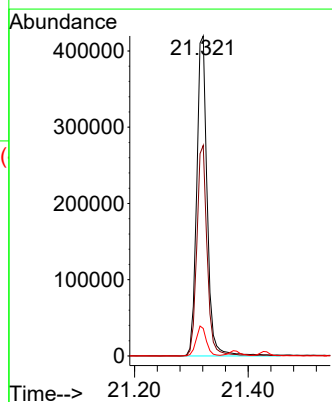
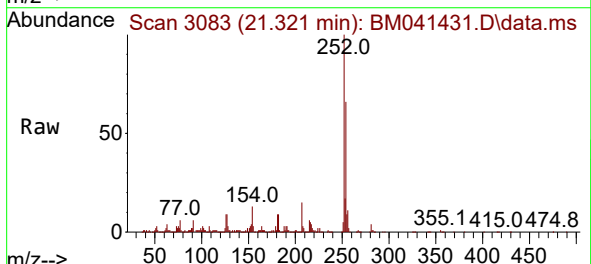
Instrument :
BNA_M
ClientSampleId :
PB154837BSD

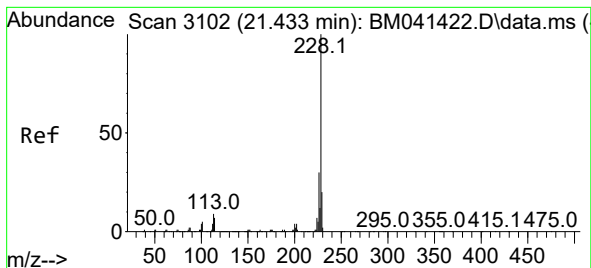
Tgt Ion:228 Resp: 1983037
Ion Ratio Lower Upper
228 100
226 27.0 21.6 32.4
229 19.7 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 39.790 ng
RT: 21.321 min Scan# 3083
Delta R.T. -0.000 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

Tgt Ion:252 Resp: 540977
Ion Ratio Lower Upper
252 100
254 65.8 51.6 77.4
126 8.6 7.3 10.9





#83

Chrysene

Concen: 45.475 ng

RT: 21.433 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM041431.D

Acq: 17 Aug 2023 11:07

Instrument :

BNA_M

ClientSampleId :

PB154837BSD

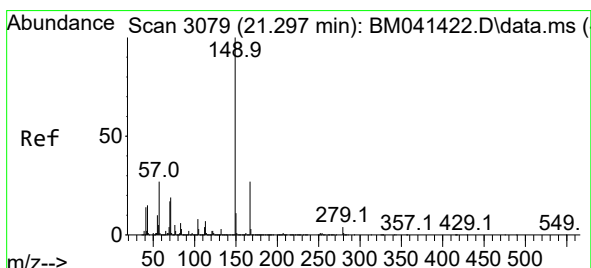
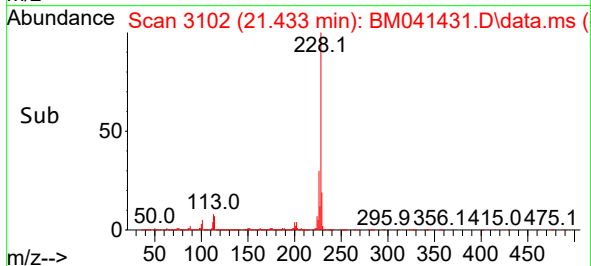
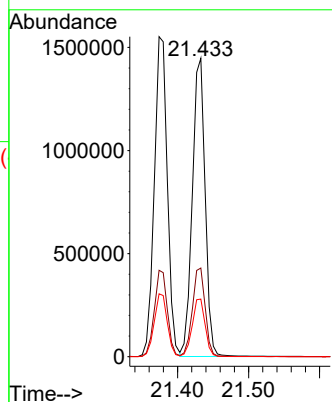
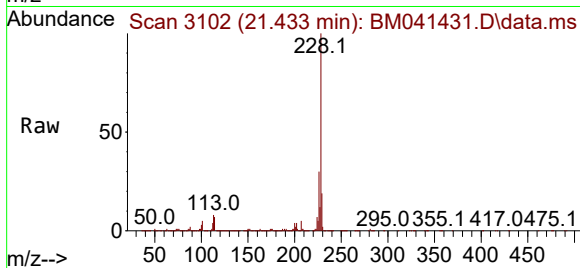
Tgt Ion:228 Resp: 1817070

Ion Ratio Lower Upper

228 100

226 29.7 24.2 36.4

229 19.3 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.300 ng

RT: 21.297 min Scan# 3079

Delta R.T. -0.000 min

Lab File: BM041431.D

Acq: 17 Aug 2023 11:07

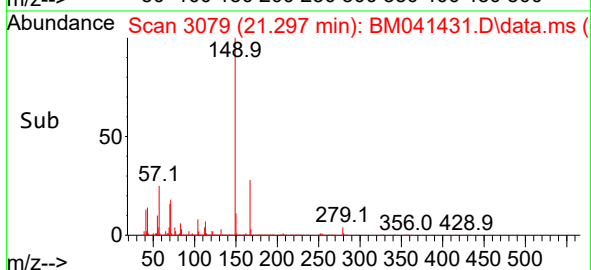
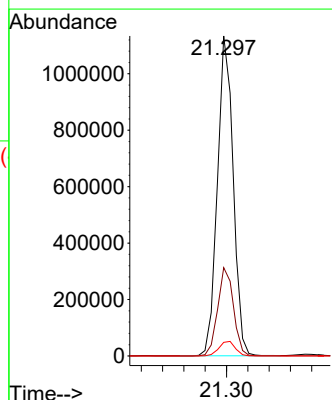
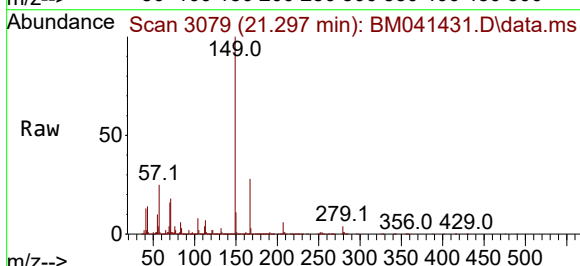
Tgt Ion:149 Resp: 1159838

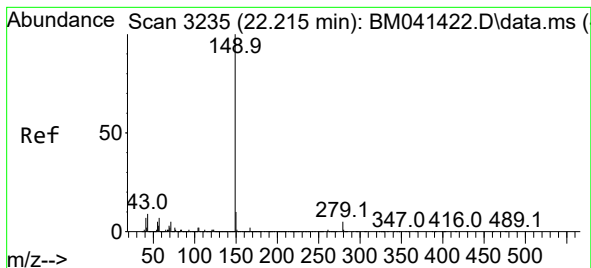
Ion Ratio Lower Upper

149 100

167 27.6 21.5 32.3

279 4.3 3.1 4.7

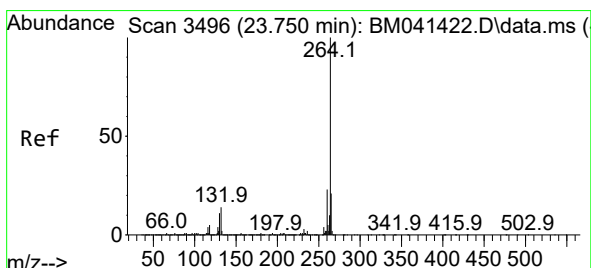
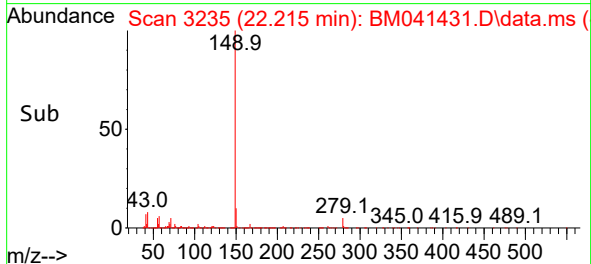
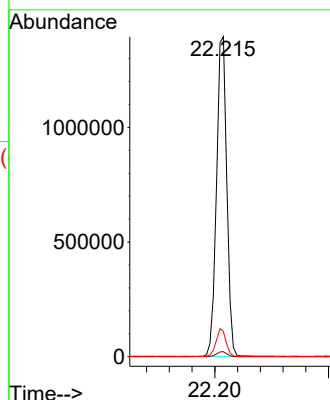
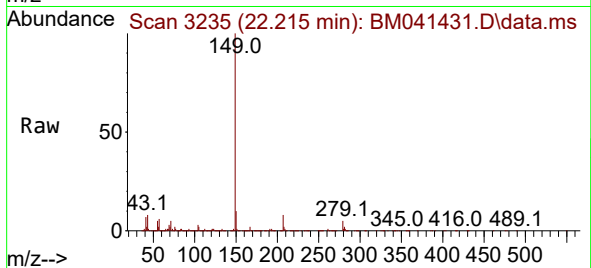




#85
Di-n-octyl phthalate
Concen: 42.563 ng
RT: 22.215 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

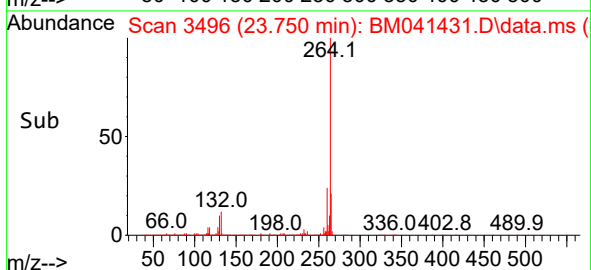
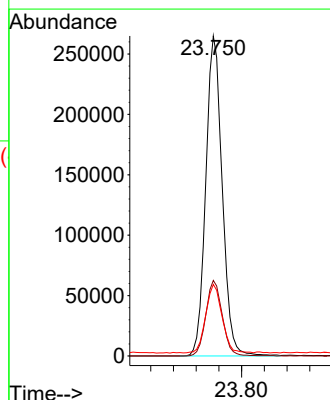
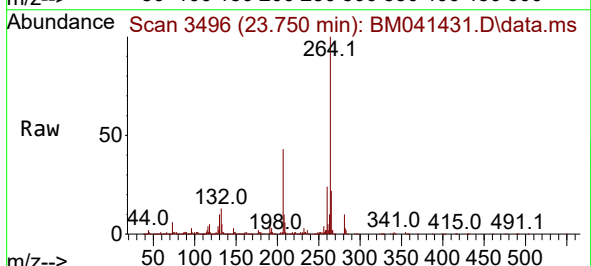
Instrument :
BNA_M
ClientSampleId :
PB154837BSD

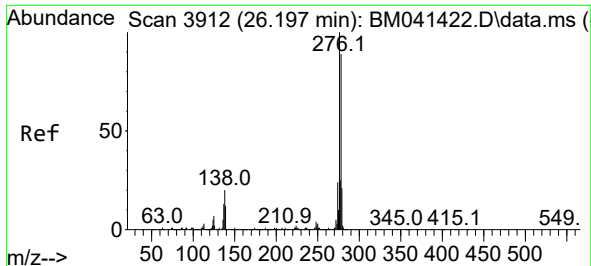
Tgt Ion:149 Resp: 1743395
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.3 7.2 10.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.750 min Scan# 3496
Delta R.T. -0.000 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

Tgt Ion:264 Resp: 530961
Ion Ratio Lower Upper
264 100
260 23.6 18.6 27.8
265 22.4 17.5 26.3

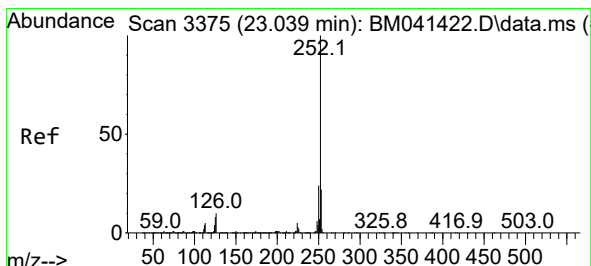
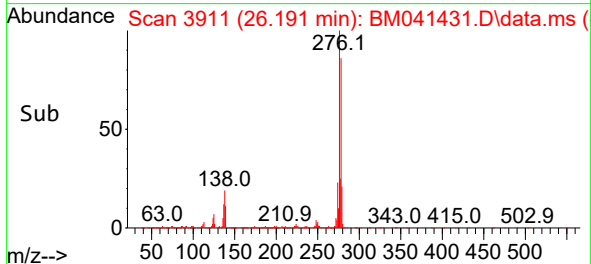
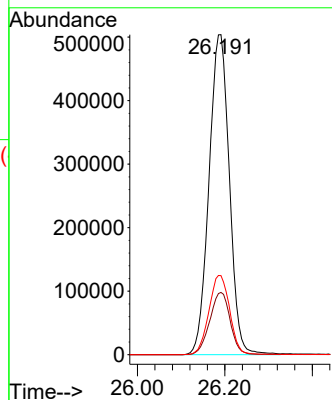
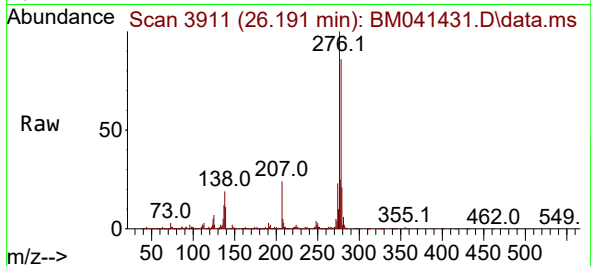




#87
Indeno(1,2,3-cd)pyrene
Concen: 47.101 ng
RT: 26.191 min Scan# 3911
Delta R.T. -0.006 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

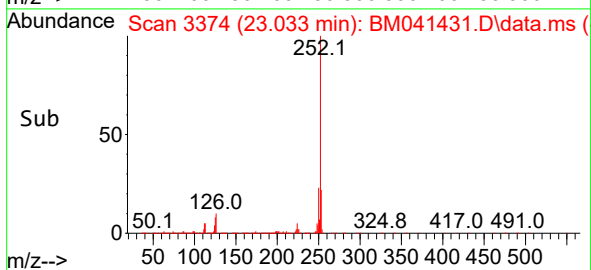
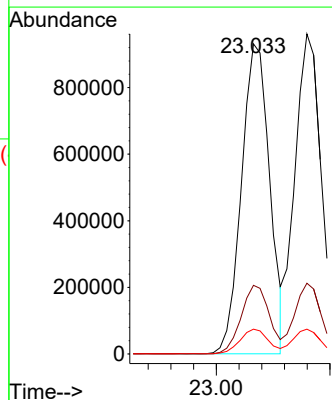
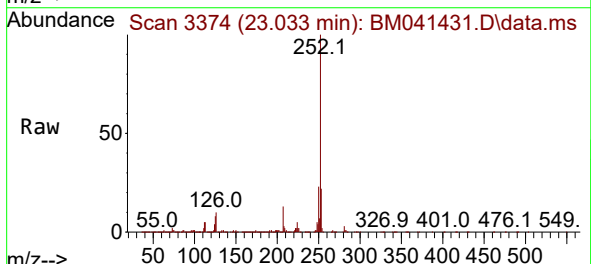
Instrument :
BNA_M
ClientSampleId :
PB154837BSD

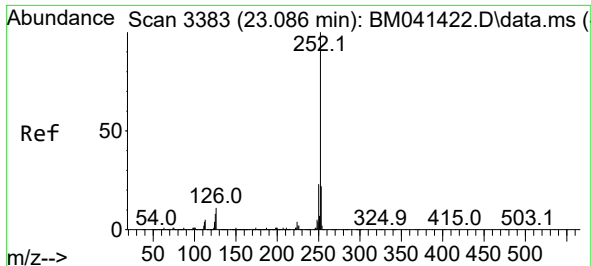
Tgt Ion:276 Resp: 1628274
Ion Ratio Lower Upper
276 100
138 19.6 16.6 25.0
277 25.2 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 50.699 ng
RT: 23.033 min Scan# 3374
Delta R.T. -0.006 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

Tgt Ion:252 Resp: 1604424
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 8.0 6.6 10.0

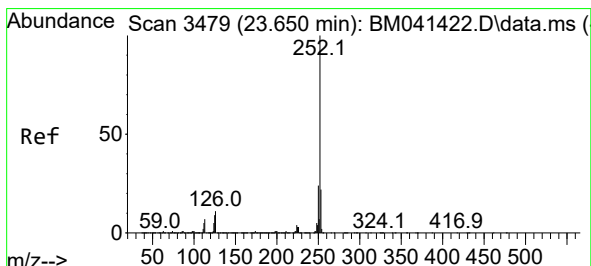
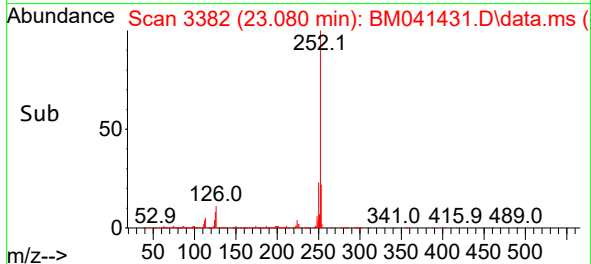
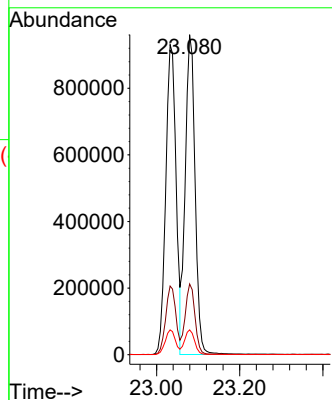
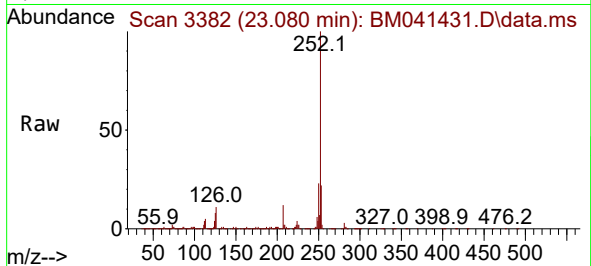




#89
Benzo(k)fluoranthene
Concen: 49.274 ng
RT: 23.080 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

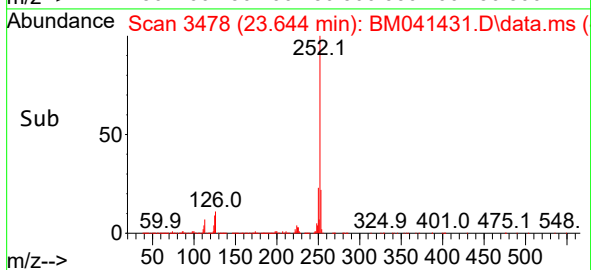
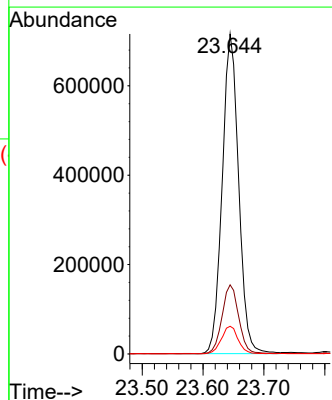
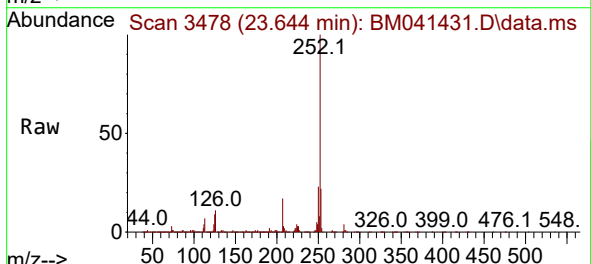
Instrument :
BNA_M
ClientSampleId :
PB154837BSD

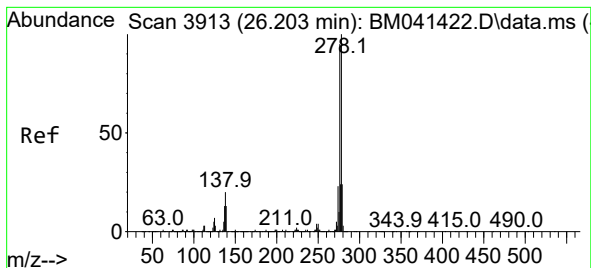
Tgt Ion:252 Resp: 1575849
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 7.8 6.5 9.7



#90
Benzo(a)pyrene
Concen: 44.475 ng
RT: 23.644 min Scan# 3478
Delta R.T. -0.006 min
Lab File: BM041431.D
Acq: 17 Aug 2023 11:07

Tgt Ion:252 Resp: 1340213
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 8.6 7.2 10.8





#91

Dibenzo(a,h)anthracene

Concen: 47.156 ng

RT: 26.203 min Scan# 3913

Delta R.T. -0.000 min

Lab File: BM041431.D

Acq: 17 Aug 2023 11:07

Instrument :

BNA_M

ClientSampleId :

PB154837BSD

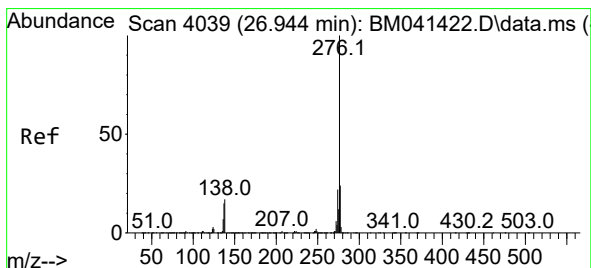
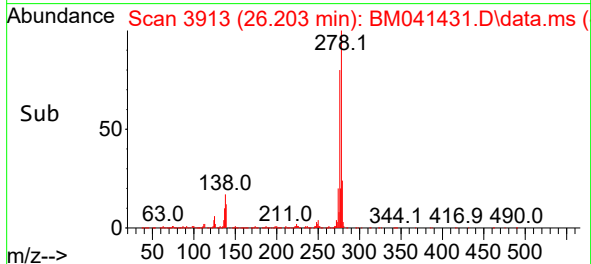
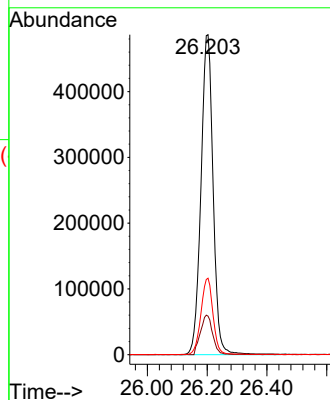
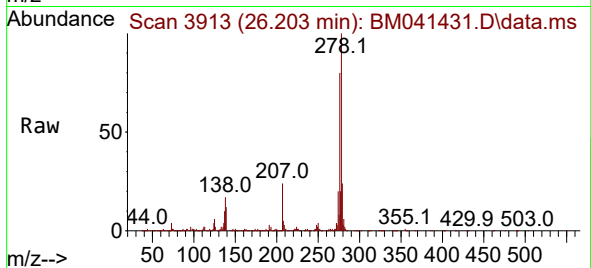
Tgt Ion:278 Resp: 1371028

Ion Ratio Lower Upper

278 100

139 12.0 10.6 16.0

279 23.9 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 46.713 ng

RT: 26.938 min Scan# 4038

Delta R.T. -0.006 min

Lab File: BM041431.D

Acq: 17 Aug 2023 11:07

Tgt Ion:276 Resp: 1312936

Ion Ratio Lower Upper

276 100

277 23.5 19.6 29.4

138 16.9 13.2 19.8

