

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022624\
 Data File : BM044375.D
 Acq On : 27 Feb 2024 20:46
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 27 22:29:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 27 00:07:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.939	152	269268	20.000	ng/ul	0.01
20) Naphthalene-d8	10.745	136	1189360	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.580	164	695701	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.333	188	1426737	20.000	ng/ul	0.01
79) Chrysene-d12	21.533	240	1212943	20.000	ng/ul	0.01
88) Perylene-d12	23.950	264	1337486	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	57956	6.791	ng/uL	0.00
4) Pyridine-d5	3.781	84	421864	18.100	ng/ul	0.00
7) Phenol-d5	7.104	99	495515	19.210	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.281	67	309069	18.503	ng/ul	0.00
11) 2-Chlorophenol-d4	7.469	132	390169	20.083	ng/ul	0.01
15) 4-Methylphenol-d8	8.657	113	379322	19.435	ng/ul	0.01
21) Nitrobenzene-d5	9.110	128	189301	19.575	ng/ul	0.01
24) 2-Nitrophenol-d4	9.833	143	207834	21.065	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.369	165	359447	20.653	ng/ul	0.01
31) 4-Chloroaniline-d4	10.892	131	555825	19.016	ng/ul	0.01
46) Dimethylphthalate-d6	14.004	166	1025942	19.121	ng/ul	0.00
49) Acenaphthylene-d8	14.274	160	1227107	19.878	ng/ul	0.00
54) 4-Nitrophenol-d4	14.786	143	201313	18.855	ng/ul	0.01
60) Fluorene-d10	15.574	176	890849	19.616	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.704	200	153621	17.353	ng/ul	0.01
73) Anthracene-d10	17.433	188	1349812	19.842	ng/ul	0.01
81) Pyrene-d10	19.727	212	1490860	20.430	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.791	264	1351224	19.716	ng/ul	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.399	88	63655	7.076	ng/uL	99
5) Pyridine	3.799	79	450987	18.495	ng/ul	98
6) Benzaldehyde	7.087	77	283521	25.321	ng/ul	99
8) Phenol	7.134	94	509183	18.990	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.375	93	418109	18.630	ng/ul	97
12) 2-Chlorophenol	7.498	128	402496	20.025	ng/ul	97
13) 2-Methylphenol	8.386	108	383471	19.412	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.475	45	554278	18.063	ng/ul	97
16) Acetophenone	8.775	105	615520	19.739	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.763	70	314802	20.153	ng/ul	97
18) 4-Methylphenol	8.722	108	407568	19.369	ng/ul	100
19) Hexachloroethane	9.010	117	167196	19.609	ng/ul	94
22) Nitrobenzene	9.157	77	452194	19.335	ng/ul	98
23) Isophorone	9.680	82	893163	19.705	ng/ul	99
25) 2-Nitrophenol	9.863	139	223238	20.401	ng/ul	99
26) 2,4-Dimethylphenol	9.928	107	409499	19.599	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.175	93	564870	19.170	ng/ul	99
29) 2,4-Dichlorophenol	10.392	162	359714	20.422	ng/ul	97
30) Naphthalene	10.798	128	1310859	19.379	ng/ul	100
32) 4-Chloroaniline	10.922	127	544690	19.123	ng/ul	99
33) Hexachlorobutadiene	11.069	225	209231	19.717	ng/ul	97
34) Caprolactam	11.698	113	117505	19.299	ng/ul	91
35) 4-Chloro-3-methylphenol	12.039	107	390281	20.798	ng/ul	98
36) 2-Methylnaphthalene	12.410	142	854313	19.829	ng/ul	98

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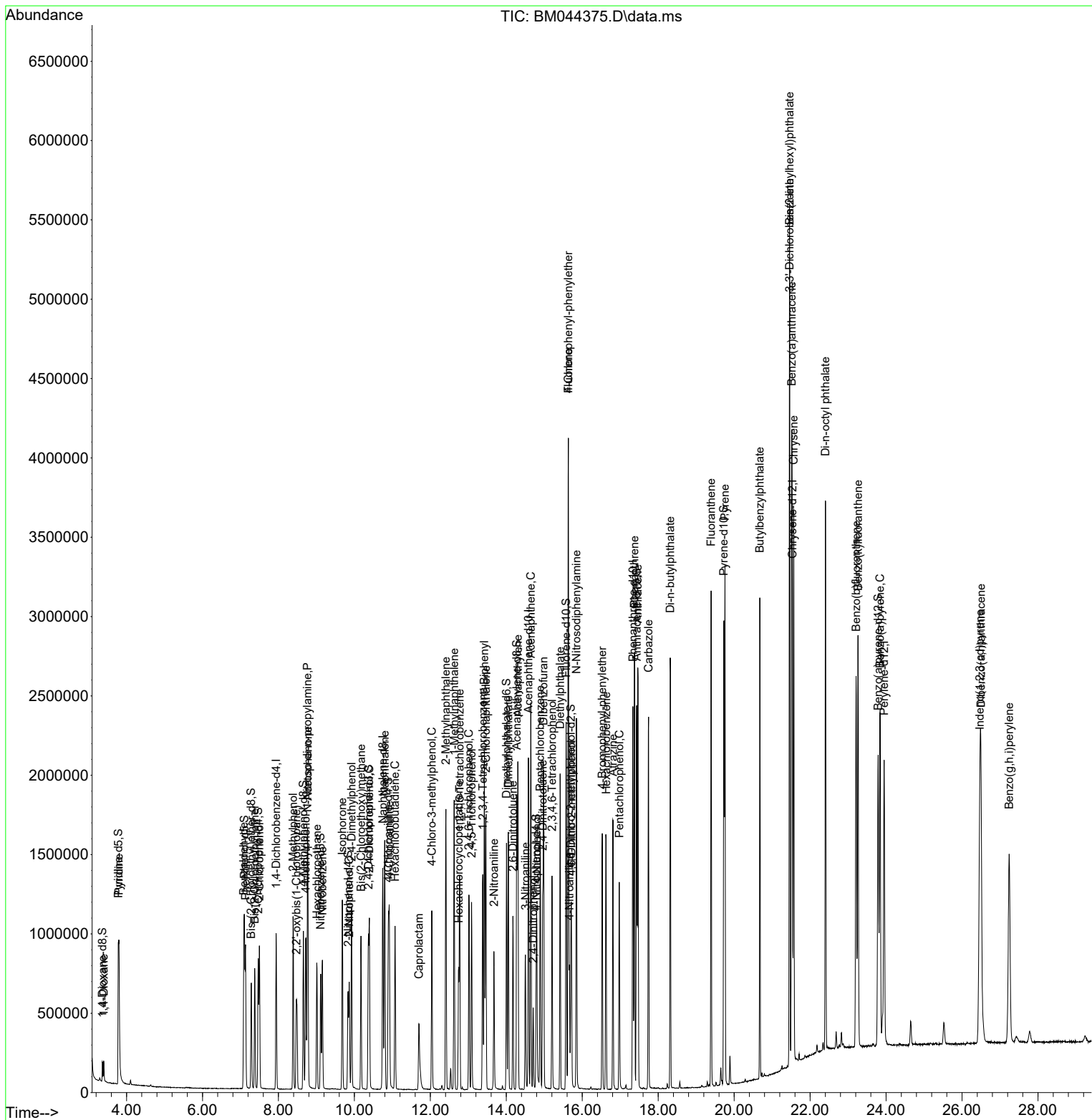
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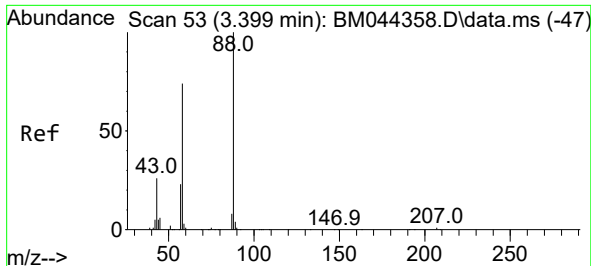
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.627	142	842309	19.776	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.769	216	404829	19.657	ng/ul	98
40) Hexachlorocyclopentadiene	12.745	237	200368	14.461	ng/ul	98
41) 2,4,6-Trichlorophenol	13.016	196	271380	20.673	ng/ul	99
42) 2,4,5-Trichlorophenol	13.086	196	294663	20.764	ng/ul	100
43) 1,1'-Biphenyl	13.421	154	1081480	19.095	ng/ul	99
44) 2-Chloronaphthalene	13.463	162	869129	19.598	ng/ul	99
45) 2-Nitroaniline	13.674	65	252894	20.597	ng/ul	98
47) Dimethylphthalate	14.051	163	1047721	19.106	ng/ul	99
48) 2,6-Dinitrotoluene	14.174	165	209875	20.465	ng/ul	99
50) Acenaphthylene	14.304	152	1436413	19.644	ng/ul	100
51) 3-Nitroaniline	14.504	138	228761	21.144	ng/ul	95
52) Acenaphthene	14.645	153	939681	19.466	ng/ul	99
53) 2,4-Dinitrophenol	14.710	184	98891	15.540	ng/ul	95
55) 4-Nitrophenol	14.804	109	140925	19.213	ng/ul	97
56) Dibenzofuran	14.980	168	1264111	19.507	ng/ul	100
57) 2,4-Dinitrotoluene	14.957	165	304017	20.635	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.204	232	241847	21.176	ng/ul#	99
59) Diethylphthalate	15.415	149	1096672	19.428	ng/ul	99
61) Fluorene	15.633	166	1025977	19.713	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.633	204	489690	19.964	ng/ul	97
63) 4-Nitroaniline	15.662	138	227597	21.750	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.715	198	169238	17.476	ng/ul	98
67) N-Nitrosodiphenylamine	15.845	169	857061	19.823	ng/ul	99
68) 4-Bromophenyl-phenylether	16.527	248	286530	20.213	ng/ul	94
69) Hexachlorobenzene	16.627	284	325977	20.091	ng/ul	96
70) Atrazine	16.809	200	279928	19.765	ng/ul	97
71) Pentachlorophenol	16.974	266	205651	19.234	ng/ul	97
72) Phenanthrene	17.374	178	1582027	19.329	ng/ul	100
74) Anthracene	17.462	178	1614404	19.591	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.380	216	394630	19.760	ng/uL	99
76) Pentachlorobenzene	14.892	250	376626	19.754	ng/uL	96
77) Carbazole	17.745	167	1496206	19.309	ng/ul	99
78) Di-n-butylphthalate	18.315	149	2009097	20.478	ng/ul	100
80) Fluoranthene	19.392	202	1768542	20.208	ng/ul	98
82) Pyrene	19.756	202	1836938	20.014	ng/ul	100
83) Butylbenzylphthalate	20.674	149	871783	21.147	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.456	252	542231	19.986	ng/ul	98
85) Benzo(a)anthracene	21.515	228	1785986	19.743	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.462	149	1369957	21.706	ng/ul#	99
87) Chrysene	21.568	228	1664581	19.575	ng/ul	100
89) Di-n-octyl phthalate	22.403	149	2346209	20.474	ng/ul	100
90) Benzo(b)fluoranthene	23.209	252	1689443	19.703	ng/ul	100
91) Benzo(k)fluoranthene	23.262	252	1757946	19.962	ng/ul	100
93) Benzo(a)pyrene	23.838	252	1632417	19.746	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.468	276	1950291	19.508	ng/ul	98
95) Dibenzo(a,h)anthracene	26.497	278	1630840	19.521	ng/ul	98
96) Benzo(g,h,i)perylene	27.238	276	1555974	19.241	ng/ul	99

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

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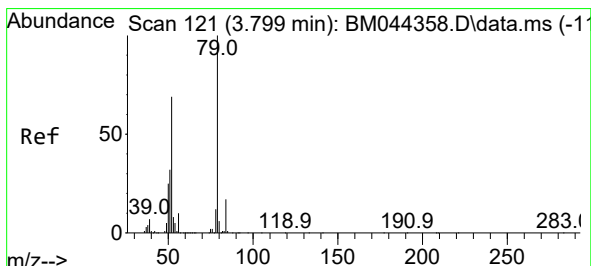
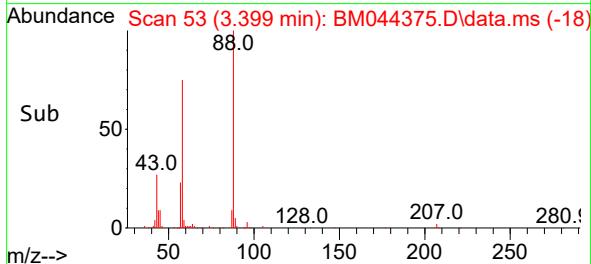
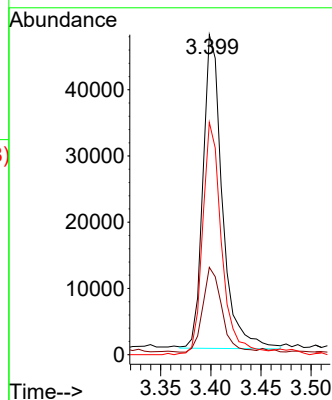
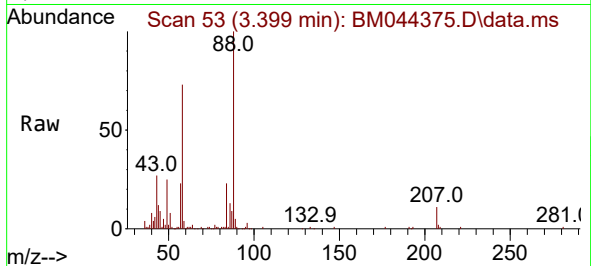




#2
1,4-Dioxane
Concen: 7.076 ng/uL
RT: 3.399 min Scan# 53
Delta R.T. 0.006 min
Lab File: BM044375.D
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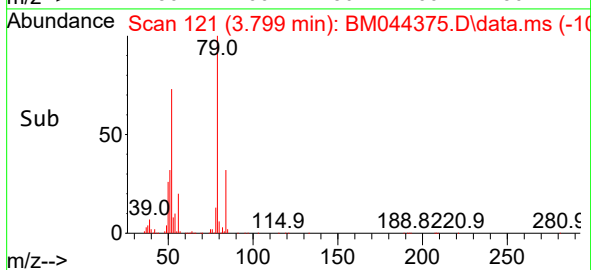
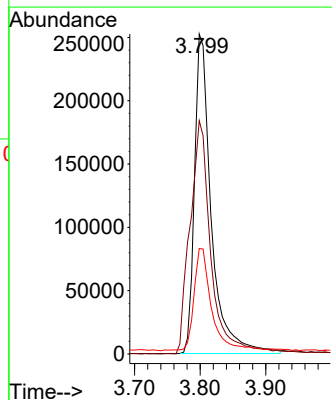
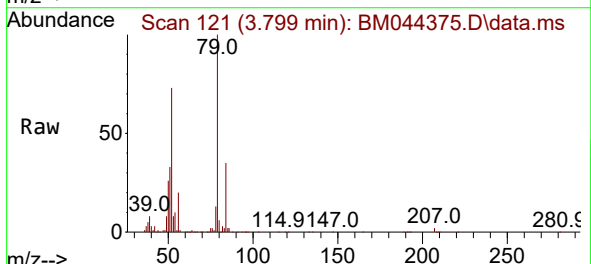
Instrument :
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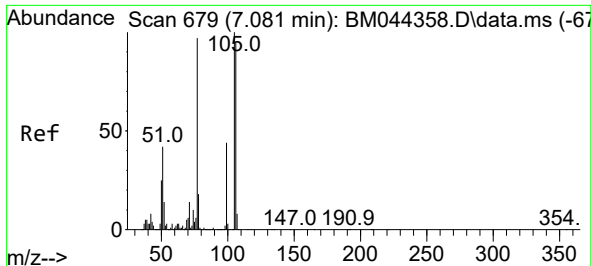
Tgt Ion: 88 Resp: 63655
Ion Ratio Lower Upper
88 100
43 27.3 21.2 31.8
58 72.6 58.3 87.5



#5
Pyridine
Concen: 18.495 ng/uL
RT: 3.799 min Scan# 121
Delta R.T. 0.006 min
Lab File: BM044375.D
Acq: 27 Feb 2024 20:46

Tgt Ion: 79 Resp: 450987
Ion Ratio Lower Upper
79 100
52 72.9 58.9 88.3
51 32.9 27.8 41.8

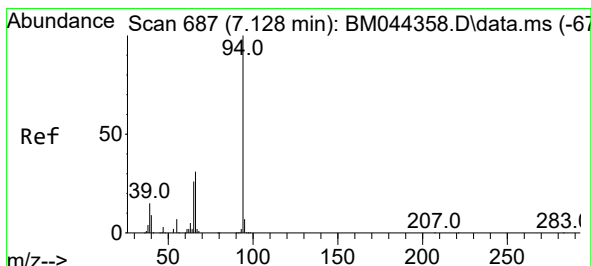
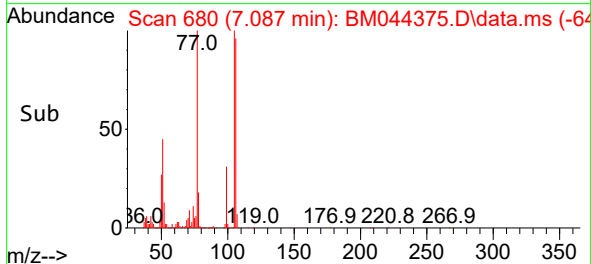
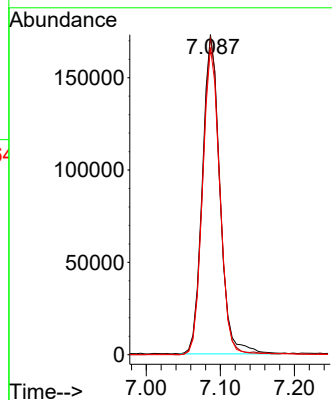
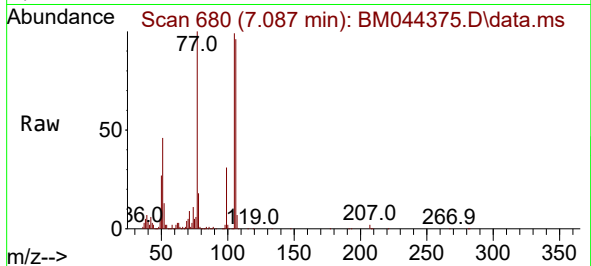




#6
Benzaldehyde
Concen: 25.321 ng/ul
RT: 7.087 min Scan# 679
Delta R.T. 0.012 min
Lab File: BM044375.D
Acq: 27 Feb 2024 20:46

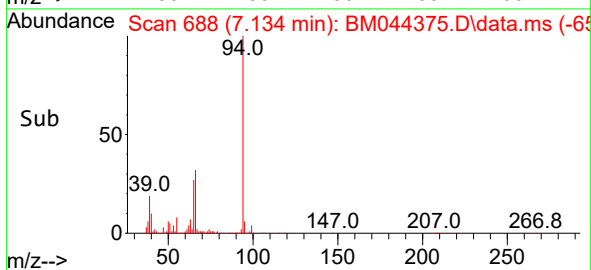
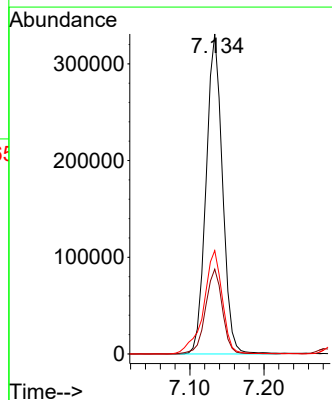
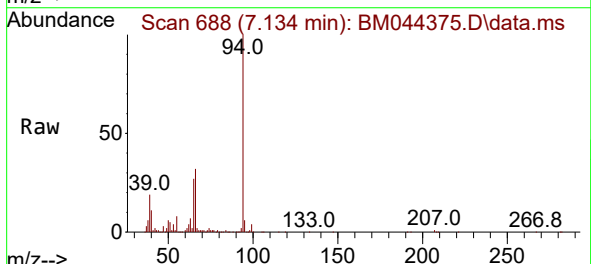
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ClientSampleId :

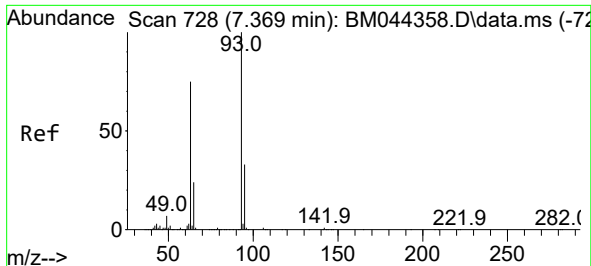
Tgt Ion: 77 Resp: 283521
Ion Ratio Lower Upper
77 100
105 99.4 79.0 118.6
106 95.9 77.4 116.2



#8
Phenol
Concen: 18.990 ng/ul
RT: 7.134 min Scan# 688
Delta R.T. 0.012 min
Lab File: BM044375.D
Acq: 27 Feb 2024 20:46

Tgt Ion: 94 Resp: 509183
Ion Ratio Lower Upper
94 100
65 26.5 20.6 31.0
66 32.3 25.4 38.0

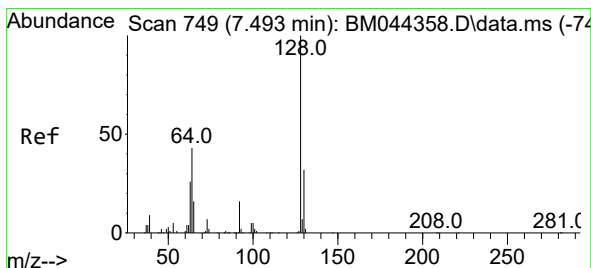
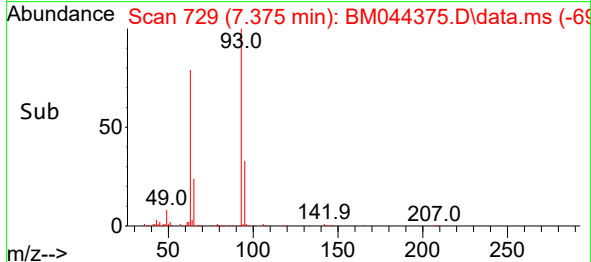
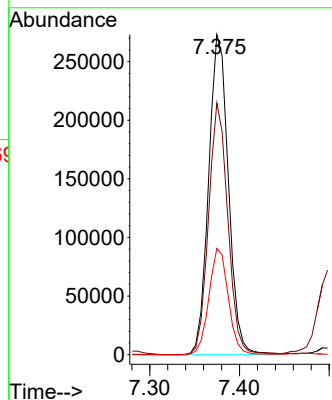
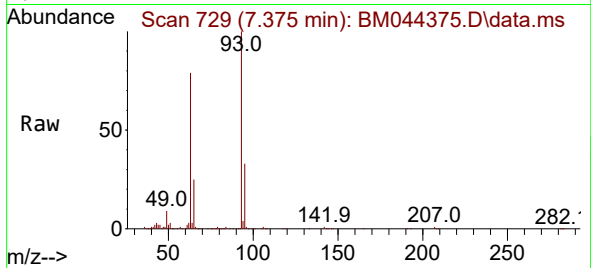




#10
Bis(2-Chloroethyl)ether
Concen: 18.630 ng/ul
RT: 7.375 min Scan# 71
Delta R.T. 0.012 min
Lab File: BM044375.D
Acq: 27 Feb 2024 20:46

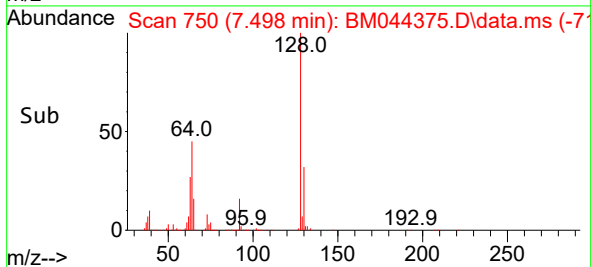
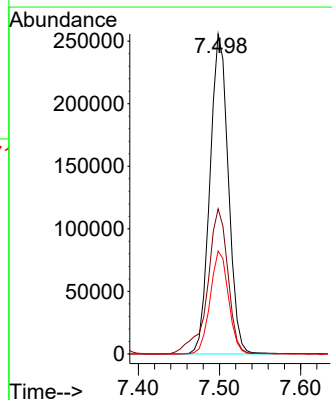
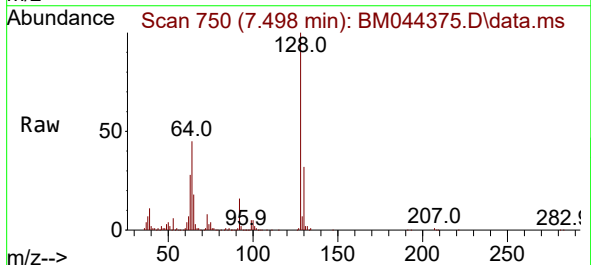
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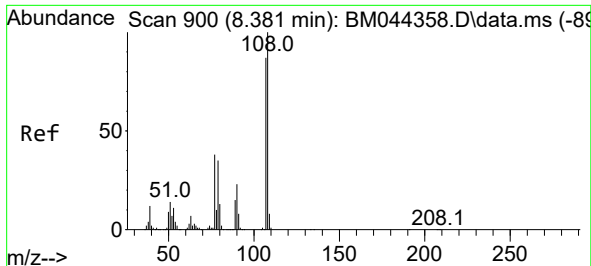
Tgt Ion: 93 Resp: 418109
Ion Ratio Lower Upper
93 100
63 78.7 61.0 91.6
95 33.2 25.1 37.7



#12
2-Chlorophenol
Concen: 20.025 ng/ul
RT: 7.498 min Scan# 750
Delta R.T. 0.012 min
Lab File: BM044375.D
Acq: 27 Feb 2024 20:46

Tgt Ion:128 Resp: 402496
Ion Ratio Lower Upper
128 100
64 45.3 39.0 58.6
130 32.1 25.4 38.0

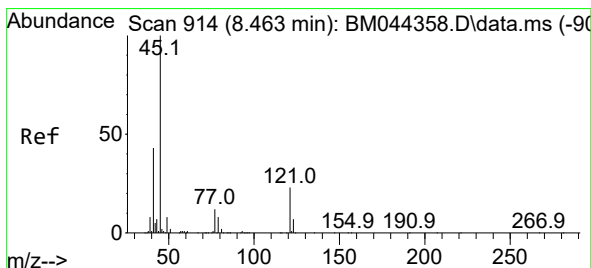
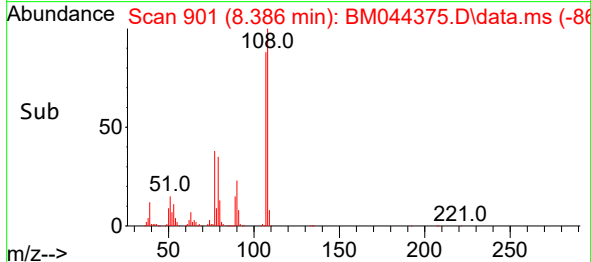
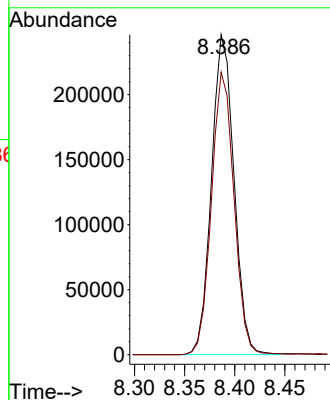
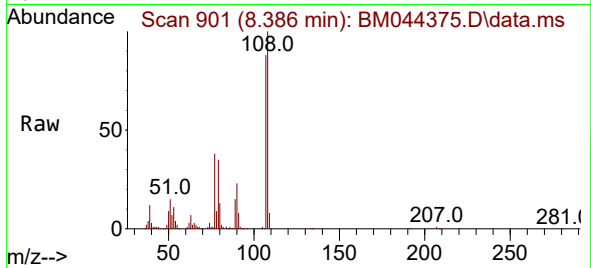




#13
2-Methylphenol
Concen: 19.412 ng/ul
RT: 8.386 min Scan# 901
Delta R.T. 0.012 min
Lab File: BM044375.D
Acq: 27 Feb 2024 20:46

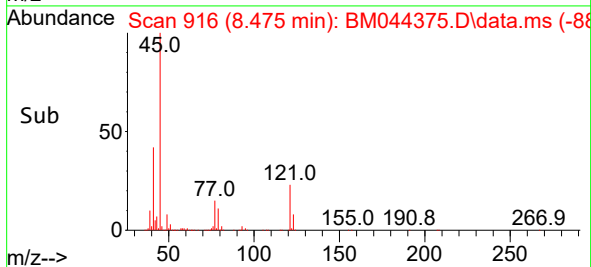
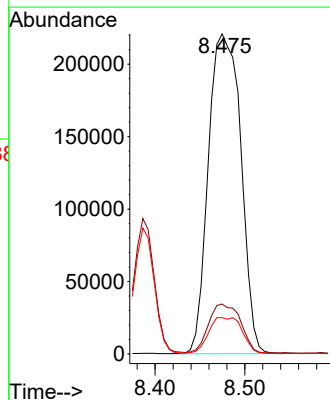
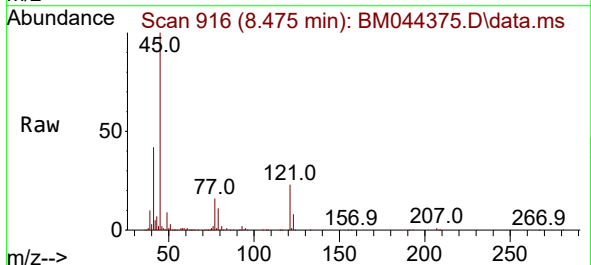
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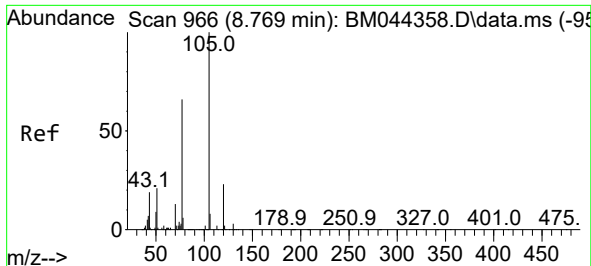
Tgt Ion:108 Resp: 383471
Ion Ratio Lower Upper
108 100
107 88.3 70.6 105.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 18.063 ng/ul
RT: 8.475 min Scan# 916
Delta R.T. 0.012 min
Lab File: BM044375.D
Acq: 27 Feb 2024 20:46

Tgt Ion: 45 Resp: 554278
Ion Ratio Lower Upper
45 100
77 15.6 11.3 16.9
79 11.4 8.5 12.7

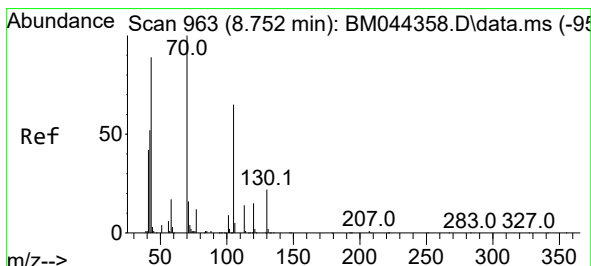
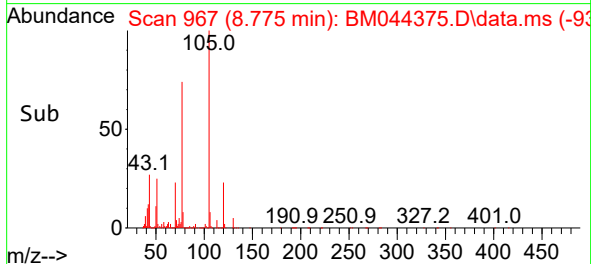
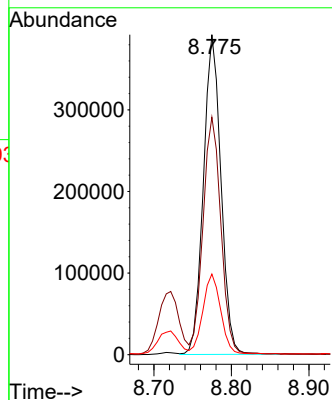
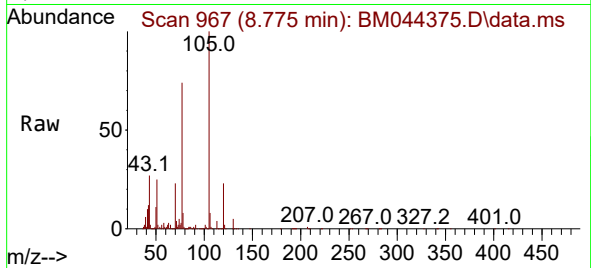




#16
Acetophenone
Concen: 19.739 ng/ul
RT: 8.775 min Scan# 90
Delta R.T. 0.012 min
Lab File: BM044375.D
Acq: 27 Feb 2024 20:46

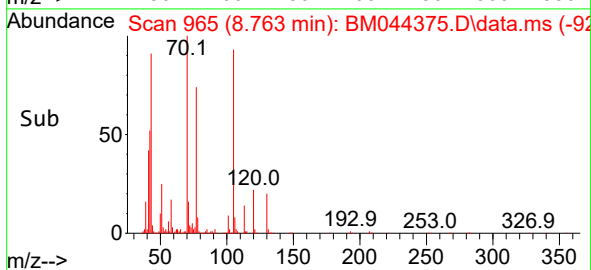
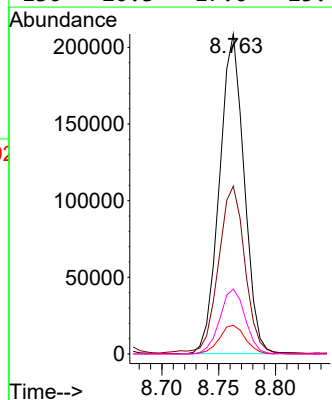
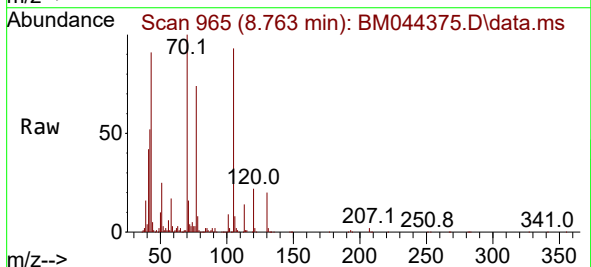
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ClientSampleId :

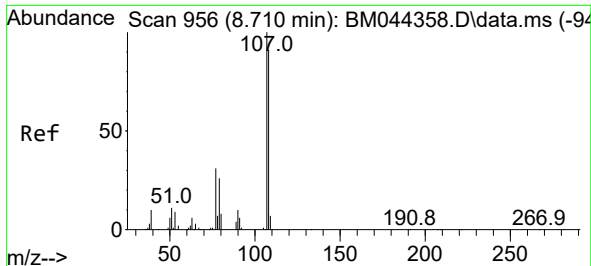
Tgt Ion:105 Resp: 615520
Ion Ratio Lower Upper
105 100
77 74.2 61.2 91.8
51 25.2 21.1 31.7



#17
N-Nitroso-di-n-propylamine
Concen: 20.153 ng/ul
RT: 8.763 min Scan# 965
Delta R.T. 0.012 min
Lab File: BM044375.D
Acq: 27 Feb 2024 20:46

Tgt Ion: 70 Resp: 314802
Ion Ratio Lower Upper
70 100
42 52.4 44.4 66.6
101 8.9 7.5 11.3
130 20.3 17.0 25.4

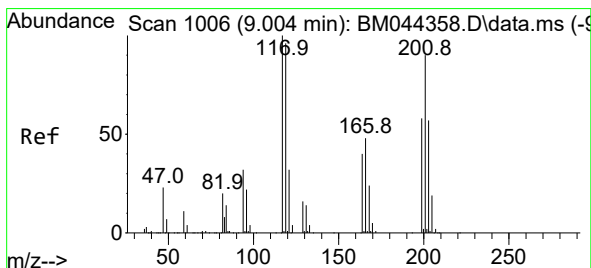
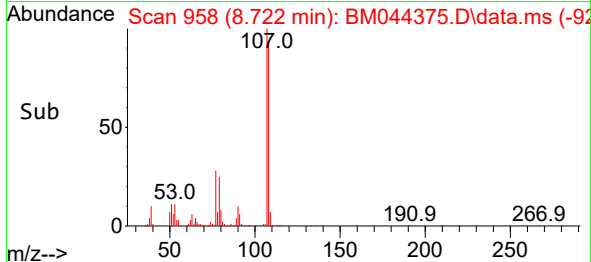
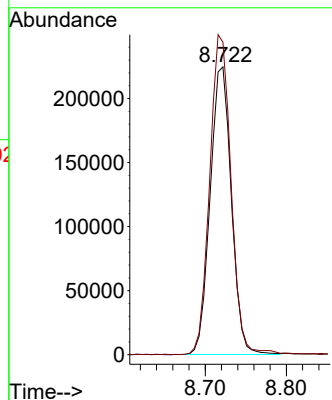
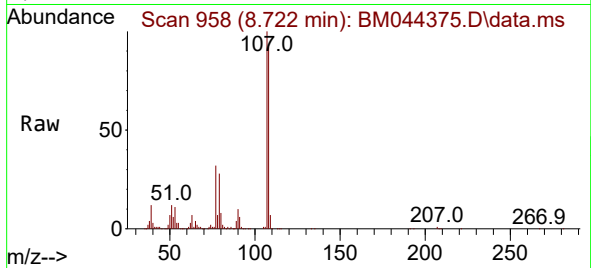




#18
4-Methylphenol
Concen: 19.369 ng/ul
RT: 8.722 min Scan# 91
Delta R.T. 0.018 min
Lab File: BM044375.D
Acq: 27 Feb 2024 20:46

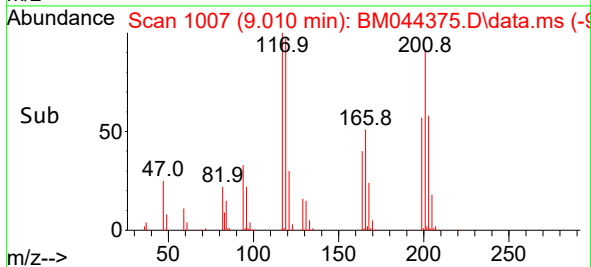
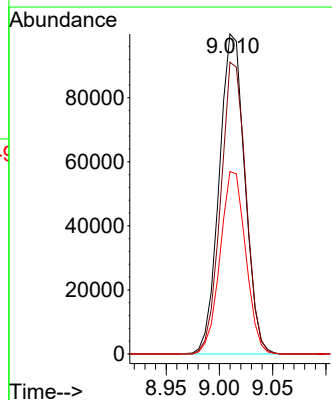
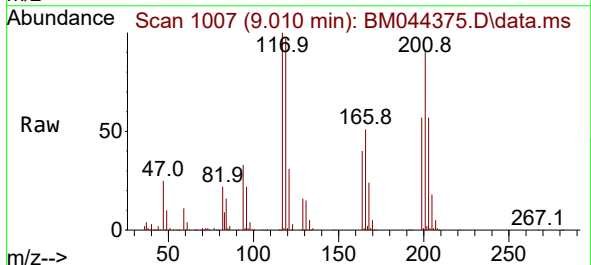
Instrument :
BNA_M
ClientSampleId :

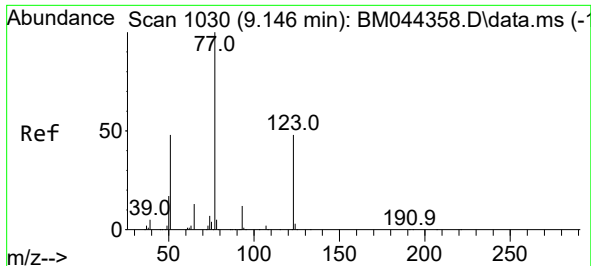
Tgt Ion:108 Resp: 407568
Ion Ratio Lower Upper
108 100
107 108.5 86.8 130.2



#19
Hexachloroethane
Concen: 19.609 ng/ul
RT: 9.010 min Scan# 1007
Delta R.T. 0.012 min
Lab File: BM044375.D
Acq: 27 Feb 2024 20:46

Tgt Ion:117 Resp: 167196
Ion Ratio Lower Upper
117 100
201 91.1 69.8 104.6
199 57.0 40.8 61.2

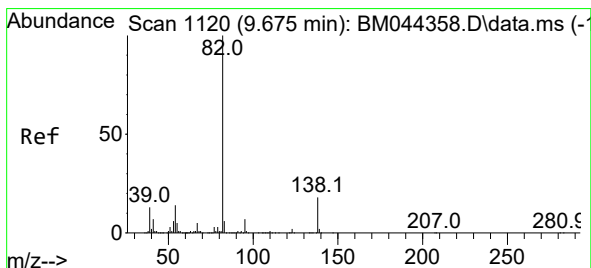
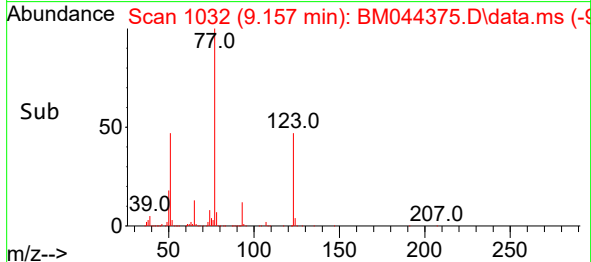
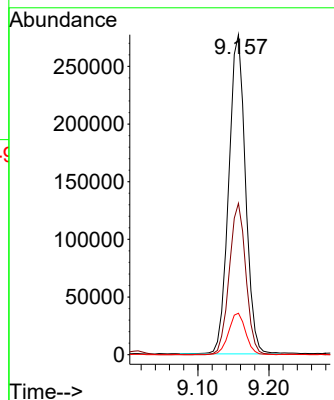
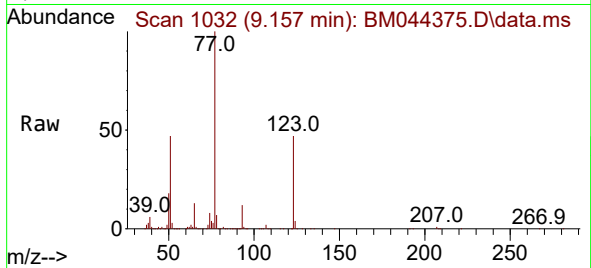




#22
Nitrobenzene
Concen: 19.335 ng/ul
RT: 9.157 min Scan# 1032
Delta R.T. 0.012 min
Lab File: BM044375.D
Acq: 27 Feb 2024 20:46

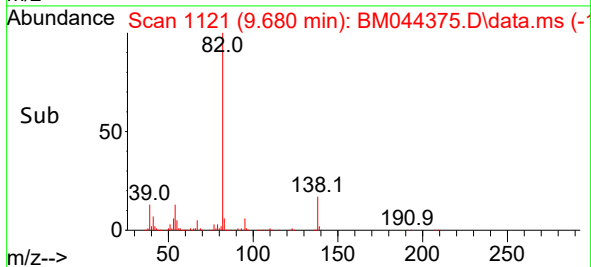
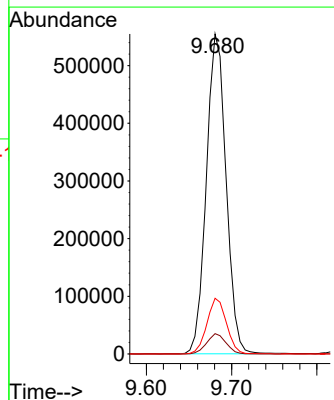
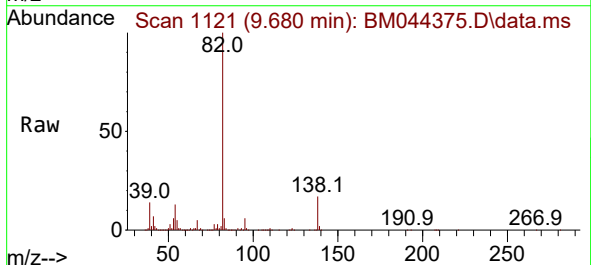
Instrument :
BNA_M
ClientSampleId :

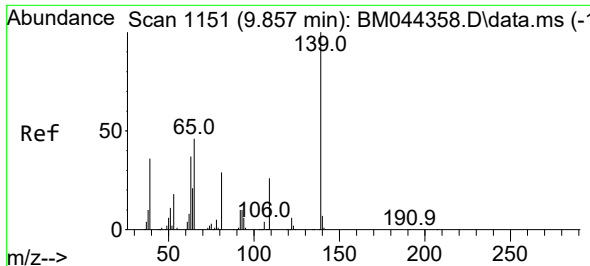
Tgt Ion: 77 Resp: 452194
Ion Ratio Lower Upper
77 100
123 47.3 36.9 55.3
65 12.9 10.2 15.2



#23
Isophorone
Concen: 19.705 ng/ul
RT: 9.680 min Scan# 1121
Delta R.T. 0.012 min
Lab File: BM044375.D
Acq: 27 Feb 2024 20:46

Tgt Ion: 82 Resp: 893163
Ion Ratio Lower Upper
82 100
95 6.3 4.6 7.0
138 17.4 13.5 20.3

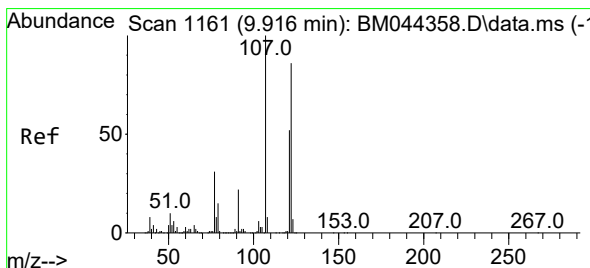
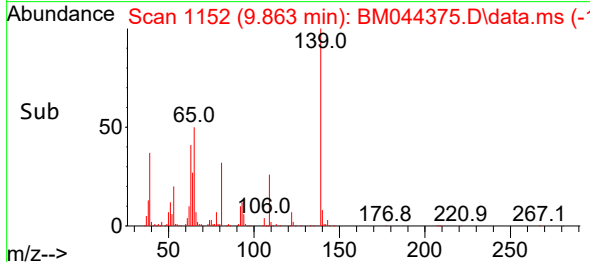
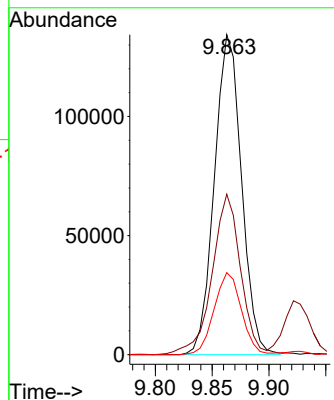
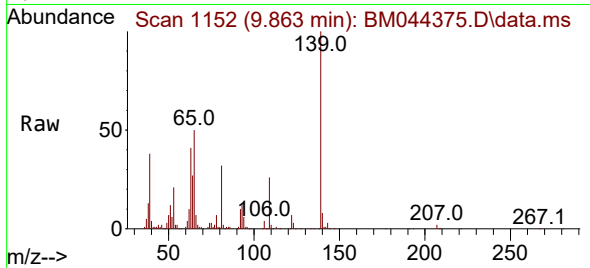




#25
2-Nitrophenol
Concen: 20.401 ng/ul
RT: 9.863 min Scan# 1152
Delta R.T. 0.012 min
Lab File: BM044375.D
Acq: 27 Feb 2024 20:46

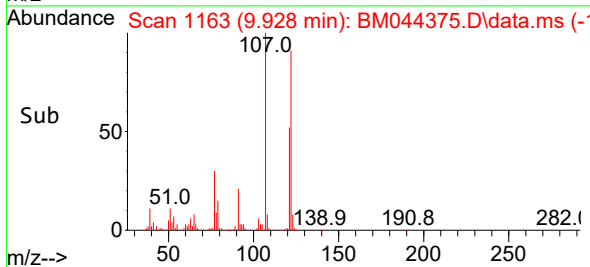
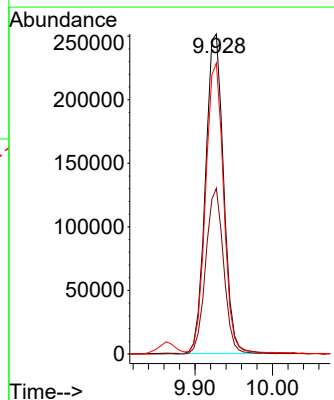
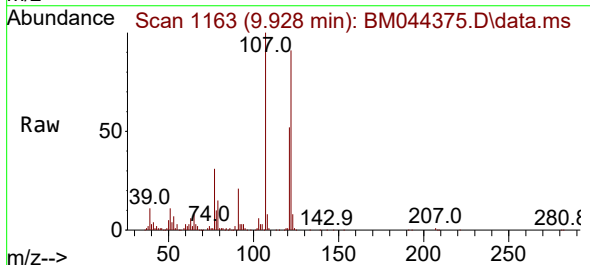
Instrument :
BNA_M
ClientSampleId :

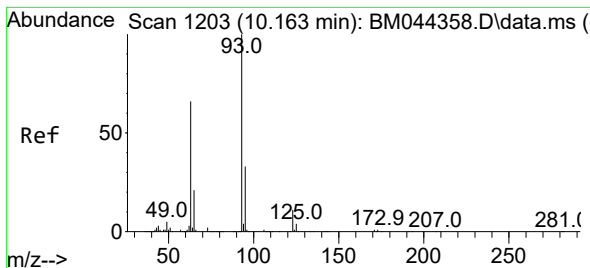
Tgt Ion:139 Resp: 223238
Ion Ratio Lower Upper
139 100
65 50.2 41.0 61.4
109 25.6 20.5 30.7



#26
2,4-Dimethylphenol
Concen: 19.599 ng/ul
RT: 9.928 min Scan# 1163
Delta R.T. 0.012 min
Lab File: BM044375.D
Acq: 27 Feb 2024 20:46

Tgt Ion:107 Resp: 409499
Ion Ratio Lower Upper
107 100
121 51.8 41.1 61.7
122 90.9 72.3 108.5

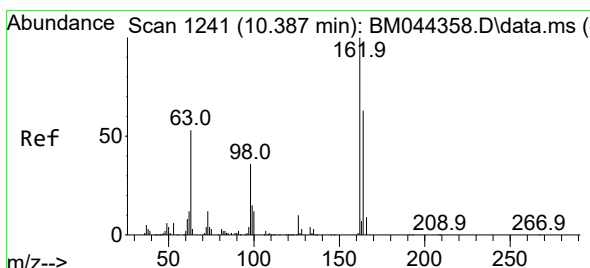
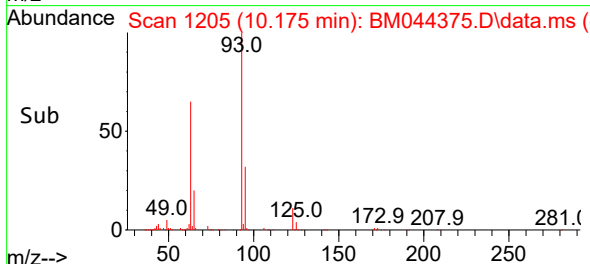
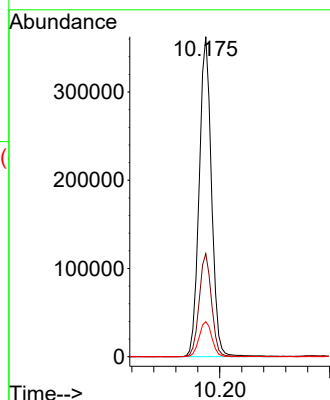
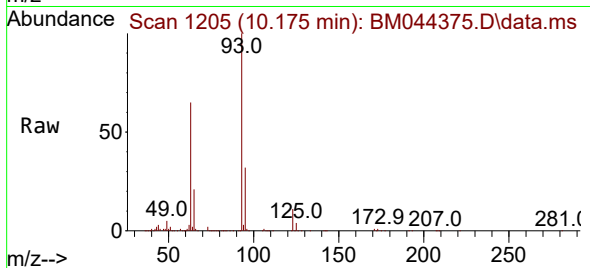




#27
 Bis(2-Chloroethoxy)methane
 Concen: 19.170 ng/ul
 RT: 10.175 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BM044375.D
 Acq: 27 Feb 2024 20:46

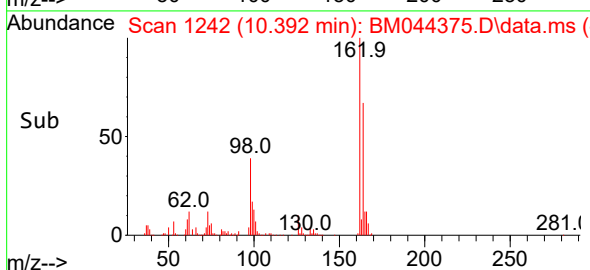
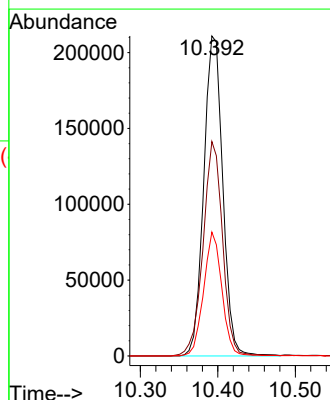
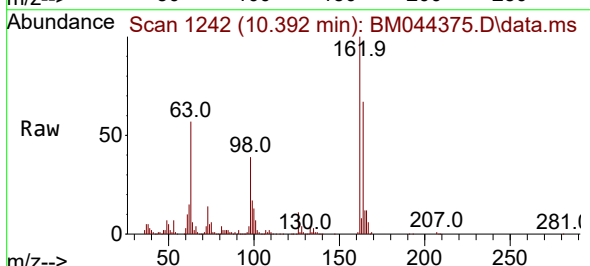
Instrument :
 BNA_M
 ClientSampleId :

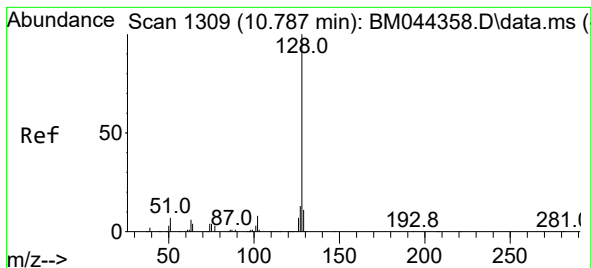
Tgt Ion: 93 Resp: 564870
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.0 39.0
 123 10.9 9.0 13.6



#29
 2,4-Dichlorophenol
 Concen: 20.422 ng/ul
 RT: 10.392 min Scan# 1242
 Delta R.T. 0.012 min
 Lab File: BM044375.D
 Acq: 27 Feb 2024 20:46

Tgt Ion:162 Resp: 359714
 Ion Ratio Lower Upper
 162 100
 164 67.0 51.8 77.8
 98 38.7 29.6 44.4

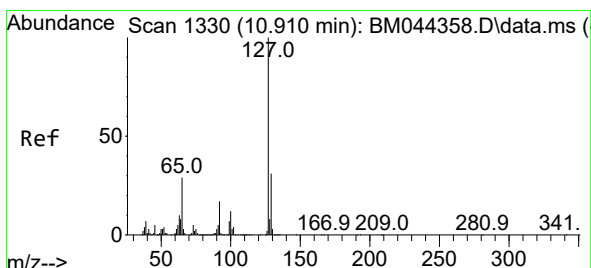
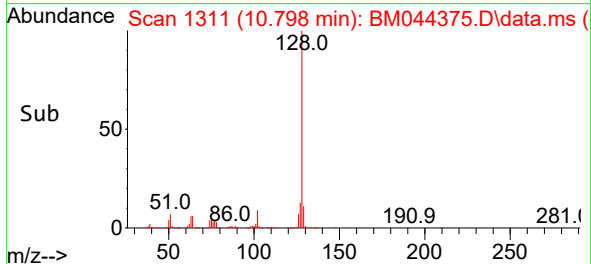
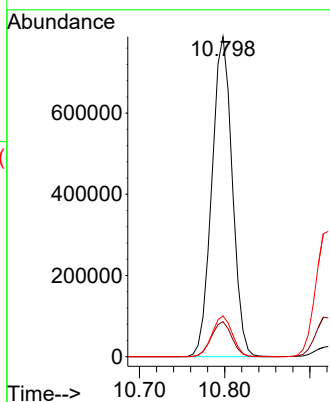
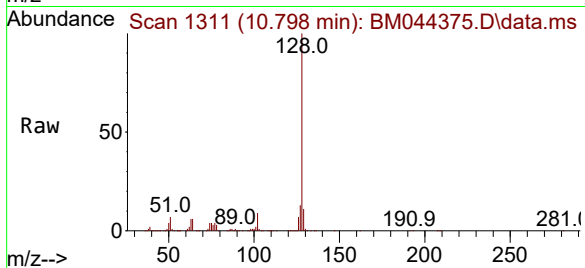




#30
Naphthalene
Concen: 19.379 ng/ul
RT: 10.798 min Scan# 1311
Delta R.T. 0.012 min
Lab File: BM044375.D
Acq: 27 Feb 2024 20:46

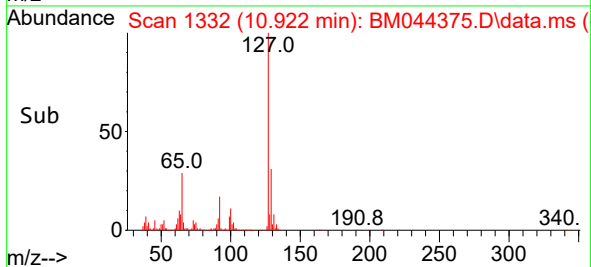
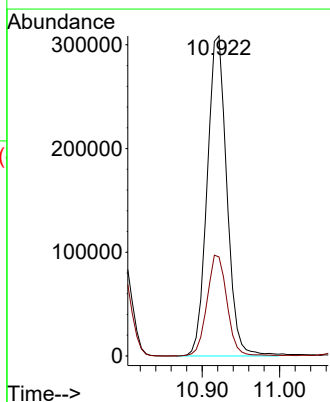
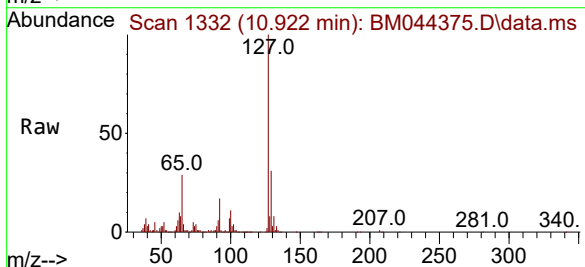
Instrument :
BNA_M
ClientSampleId :

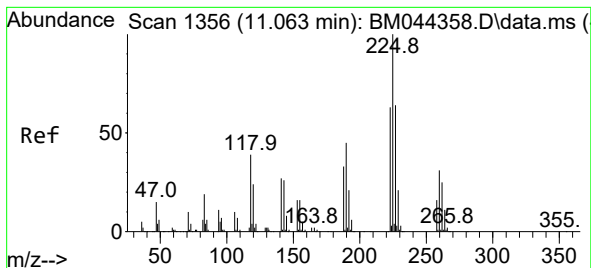
Tgt Ion:128 Resp: 1310859
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.8 10.2 15.2



#32
4-Chloroaniline
Concen: 19.123 ng/ul
RT: 10.922 min Scan# 1332
Delta R.T. 0.018 min
Lab File: BM044375.D
Acq: 27 Feb 2024 20:46

Tgt Ion:127 Resp: 544690
Ion Ratio Lower Upper
127 100
129 31.0 25.3 37.9

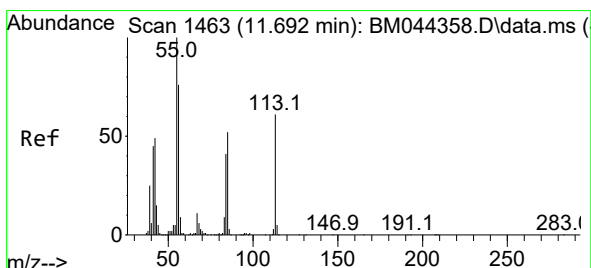
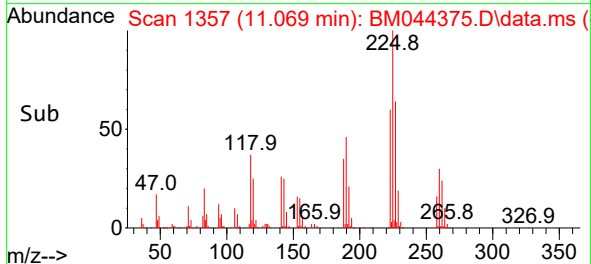
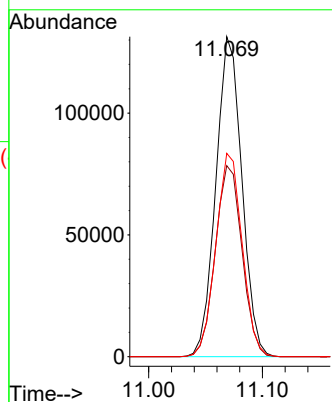
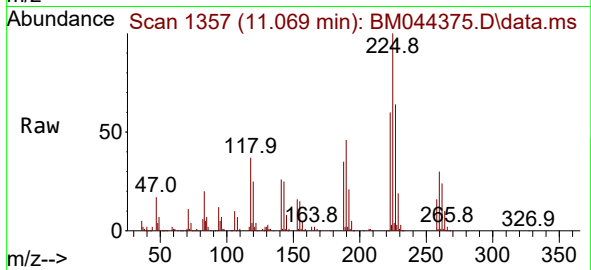




#33
Hexachlorobutadiene
Concen: 19.717 ng/ul
RT: 11.069 min Scan# 11
Delta R.T. 0.012 min
Lab File: BM044375.D
Acq: 27 Feb 2024 20:46

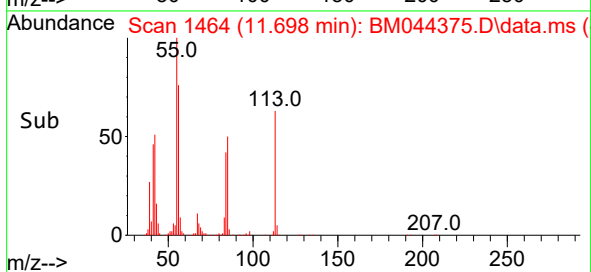
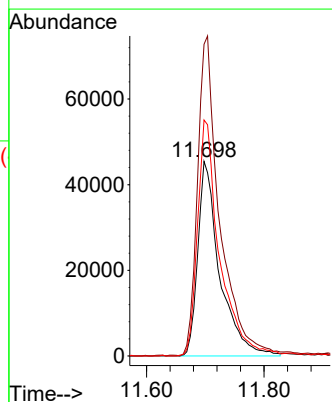
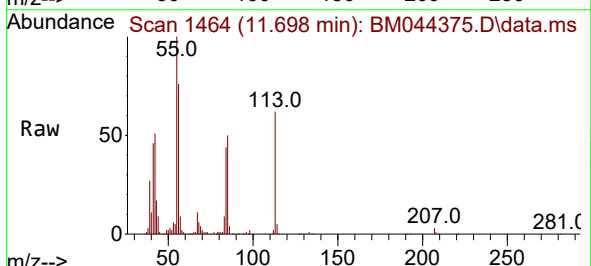
Instrument :
BNA_M
ClientSampleId :

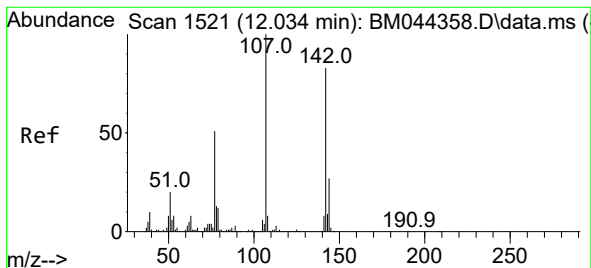
Tgt Ion:225 Resp: 209231
Ion Ratio Lower Upper
225 100
223 59.7 49.7 74.5
227 63.6 52.2 78.2



#34
Caprolactam
Concen: 19.299 ng/ul
RT: 11.698 min Scan# 1464
Delta R.T. 0.012 min
Lab File: BM044375.D
Acq: 27 Feb 2024 20:46

Tgt Ion:113 Resp: 117505
Ion Ratio Lower Upper
113 100
55 160.3 140.7 211.1
56 121.4 102.4 153.6

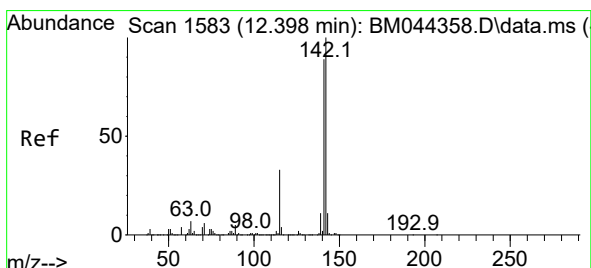
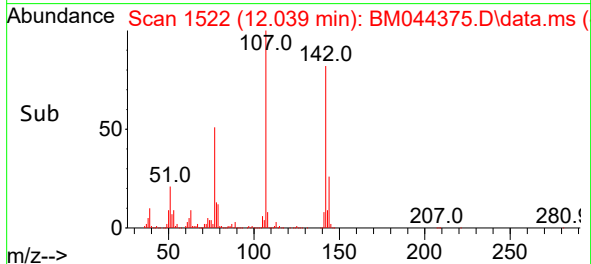
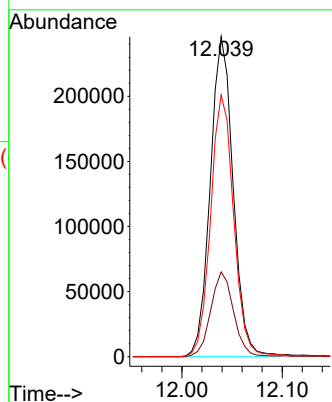
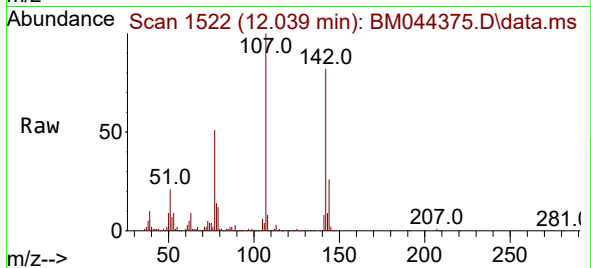




#35
4-Chloro-3-methylphenol
Concen: 20.798 ng/ul
RT: 12.039 min Scan# 1521
Delta R.T. 0.012 min
Lab File: BM044375.D
Acq: 27 Feb 2024 20:46

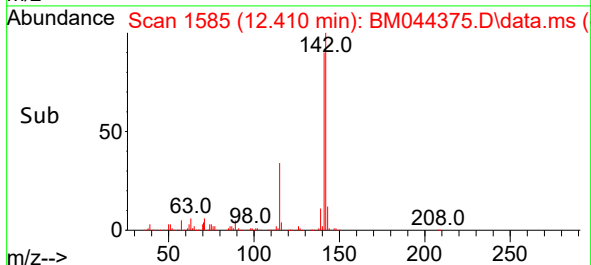
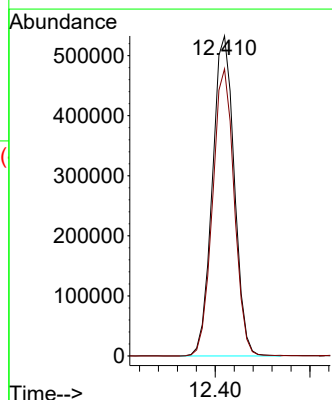
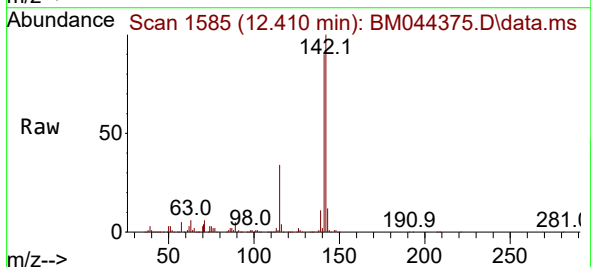
Instrument :
BNA_M
ClientSampleId :

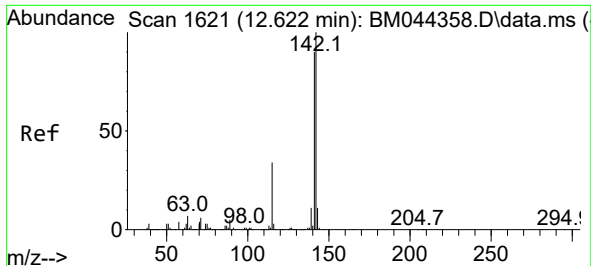
Tgt Ion:107 Resp: 390281
Ion Ratio Lower Upper
107 100
144 26.5 20.6 30.8
142 81.8 64.3 96.5



#36
2-Methylnaphthalene
Concen: 19.829 ng/ul
RT: 12.410 min Scan# 1585
Delta R.T. 0.012 min
Lab File: BM044375.D
Acq: 27 Feb 2024 20:46

Tgt Ion:142 Resp: 854313
Ion Ratio Lower Upper
142 100
141 89.7 70.5 105.7





#37

1-Methylnaphthalene

Concen: 19.776 ng/ul

RT: 12.627 min Scan# 1

Delta R.T. 0.012 min

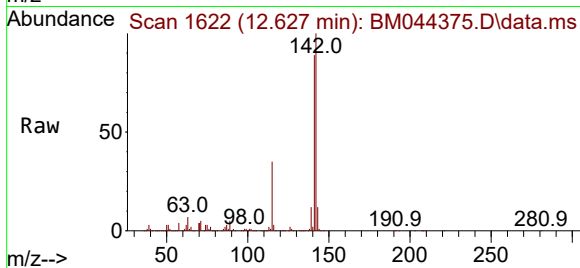
Lab File: BM044375.D

Acq: 27 Feb 2024 20:46

Instrument :

BNA_M

ClientSampleId :



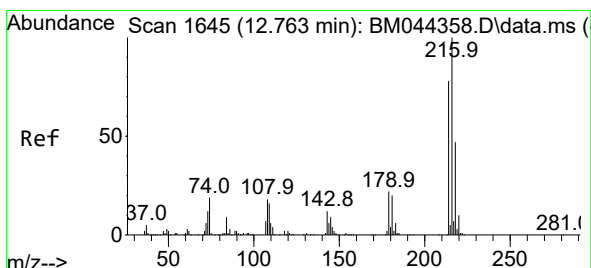
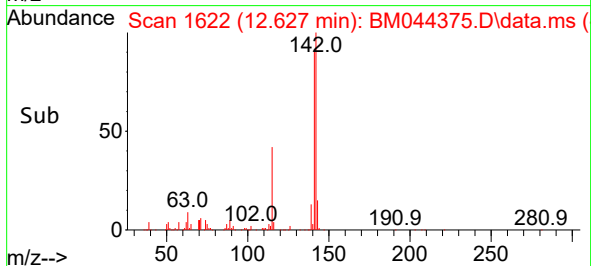
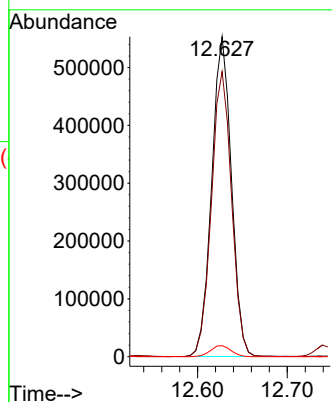
Tgt Ion:142 Resp: 842309

Ion Ratio Lower Upper

142 100

141 89.1 73.0 109.4

116 3.4 2.7 4.1



#39

1,2,4,5-Tetrachlorobenzene

Concen: 19.657 ng/ul

RT: 12.769 min Scan# 1646

Delta R.T. 0.012 min

Lab File: BM044375.D

Acq: 27 Feb 2024 20:46

Tgt Ion:216 Resp: 404829

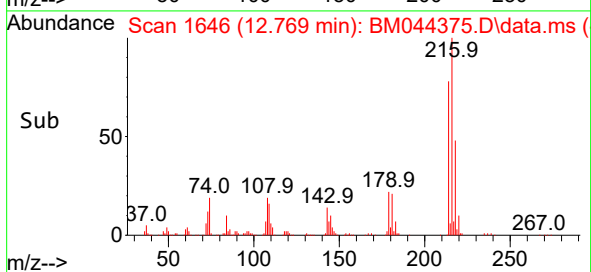
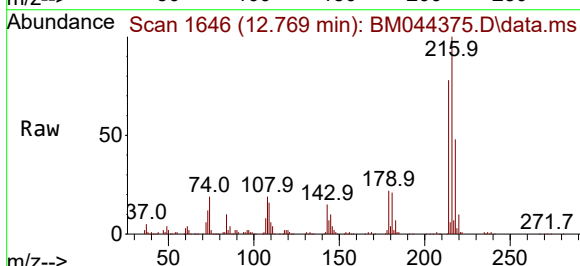
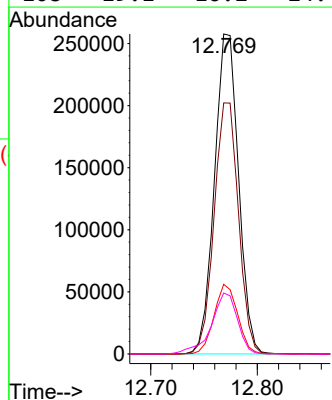
Ion Ratio Lower Upper

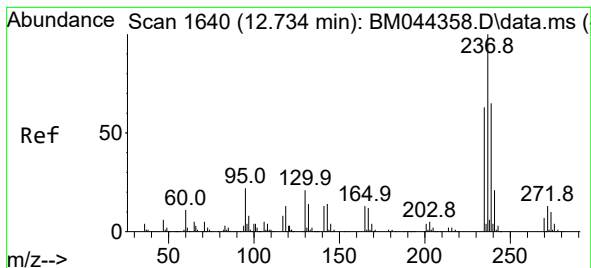
216 100

214 78.5 63.9 95.9

179 21.8 17.5 26.3

108 19.1 16.2 24.4





#40

Hexachlorocyclopentadiene

Concen: 14.461 ng/ul

RT: 12.745 min Scan# 1

Delta R.T. 0.012 min

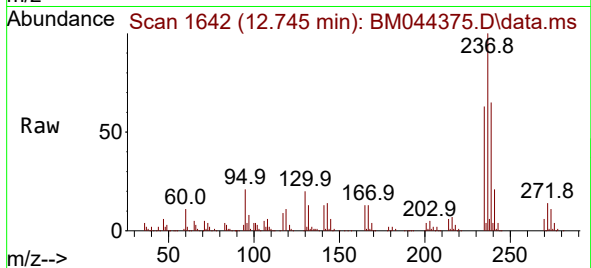
Lab File: BM044375.D

Acq: 27 Feb 2024 20:46

Instrument :

BNA_M

ClientSampleId :



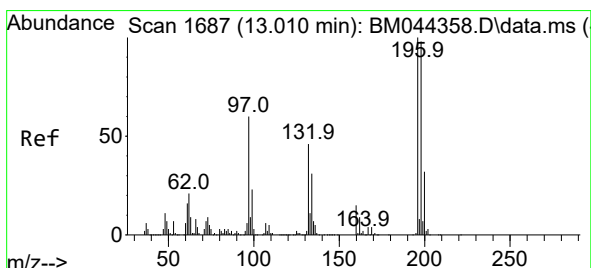
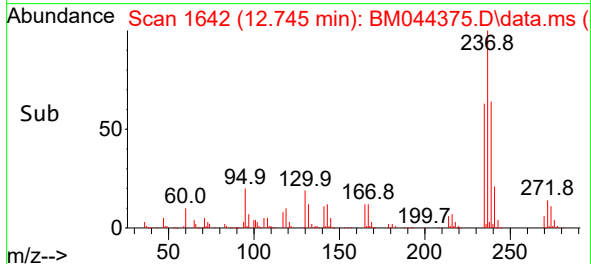
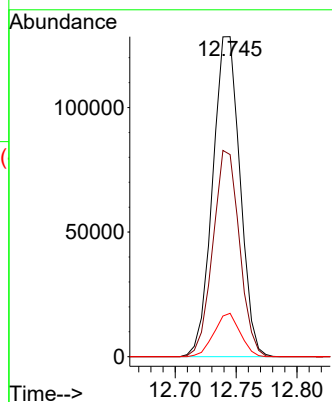
Tgt Ion:237 Resp: 200368

Ion Ratio Lower Upper

237 100

235 63.2 49.4 74.2

272 14.3 10.6 16.0



#41

2,4,6-Trichlorophenol

Concen: 20.673 ng/ul

RT: 13.016 min Scan# 1688

Delta R.T. 0.012 min

Lab File: BM044375.D

Acq: 27 Feb 2024 20:46

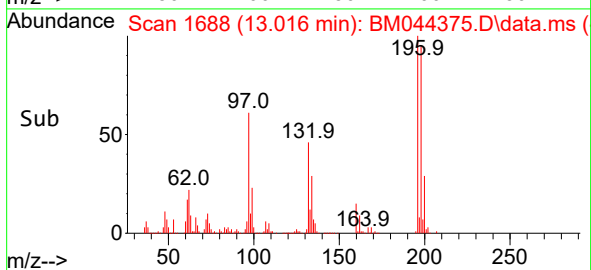
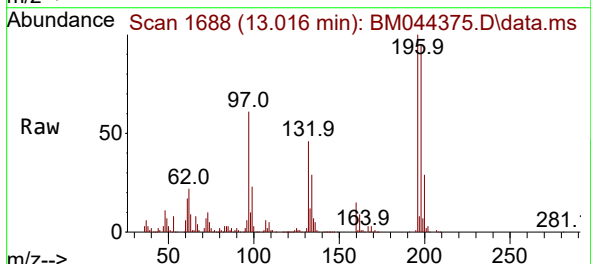
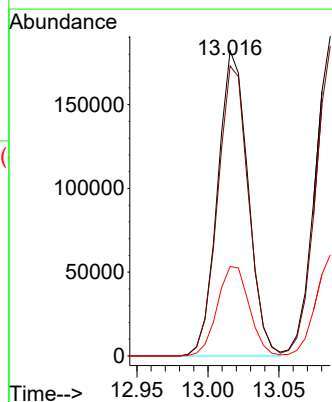
Tgt Ion:196 Resp: 271380

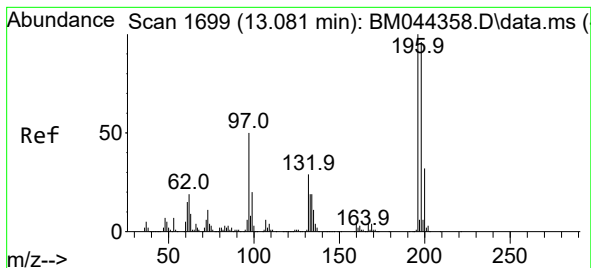
Ion Ratio Lower Upper

196 100

198 95.0 76.1 114.1

200 29.3 25.1 37.7





#42

2,4,5-Trichlorophenol

Concen: 20.764 ng/ul

RT: 13.086 min Scan# 1

Delta R.T. 0.012 min

Lab File: BM044375.D

Acq: 27 Feb 2024 20:46

Instrument :

BNA_M

ClientSampleId :

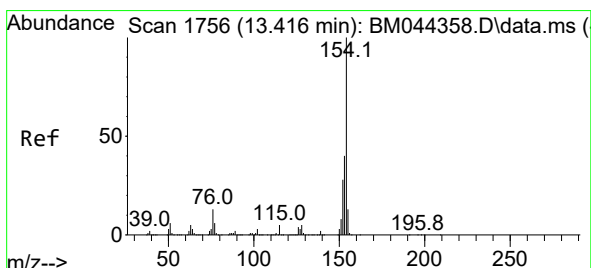
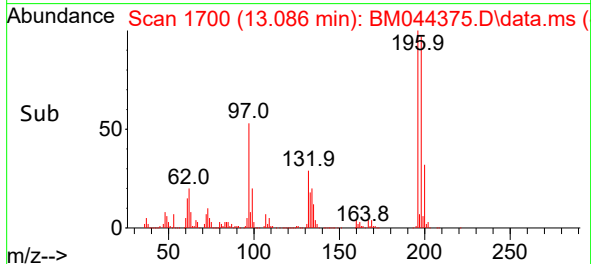
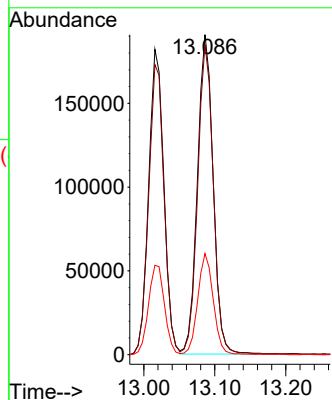
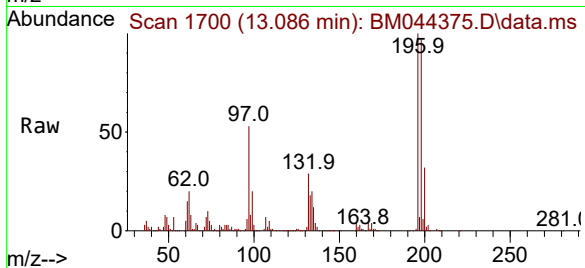
Tgt Ion:196 Resp: 294663

Ion Ratio Lower Upper

196 100

198 96.9 77.4 116.2

200 31.6 25.6 38.4



#43

1,1'-Biphenyl

Concen: 19.095 ng/ul

RT: 13.421 min Scan# 1757

Delta R.T. 0.012 min

Lab File: BM044375.D

Acq: 27 Feb 2024 20:46

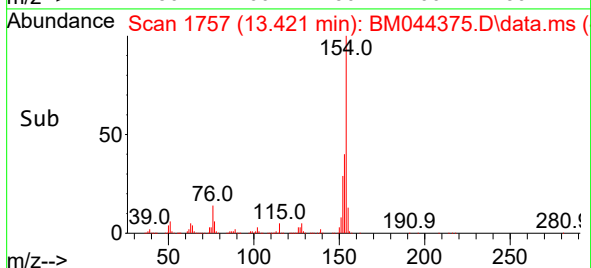
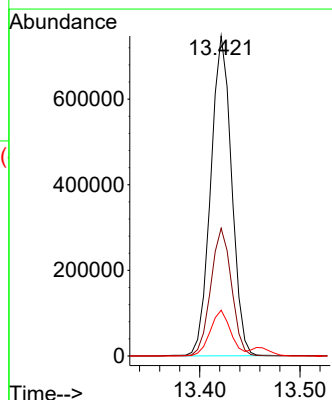
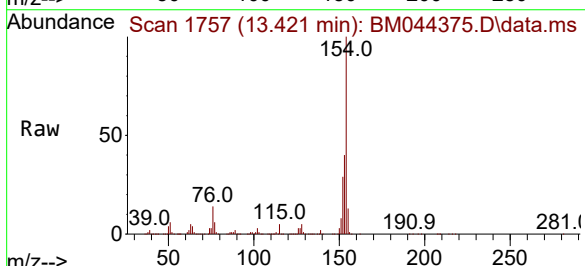
Tgt Ion:154 Resp: 1081480

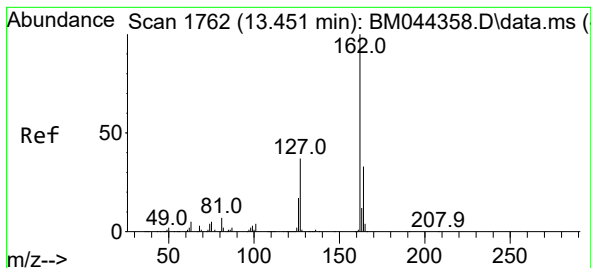
Ion Ratio Lower Upper

154 100

153 39.9 32.4 48.6

76 14.3 11.6 17.4





#44

2-Chloronaphthalene

Concen: 19.598 ng/ul

RT: 13.463 min Scan# 1

Delta R.T. 0.012 min

Lab File: BM044375.D

Acq: 27 Feb 2024 20:46

Instrument :

BNA_M

ClientSampleId :

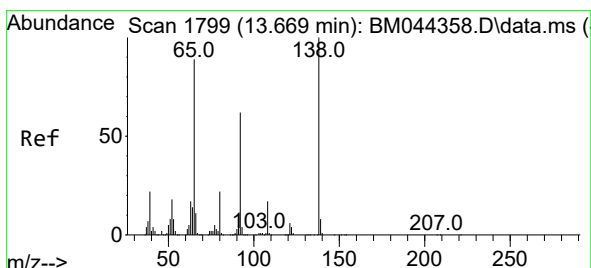
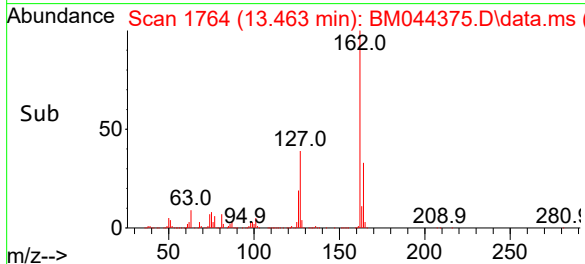
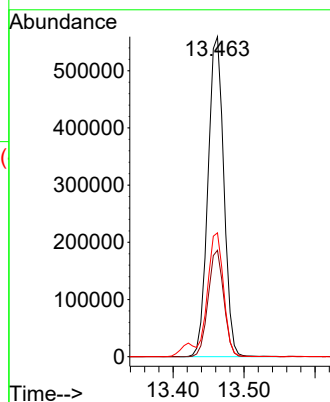
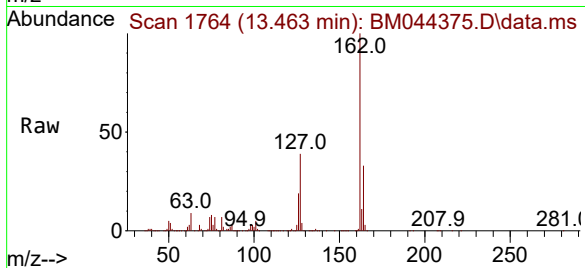
Tgt Ion:162 Resp: 869129

Ion Ratio Lower Upper

162 100

164 33.3 26.1 39.1

127 38.7 30.9 46.3



#45

2-Nitroaniline

Concen: 20.597 ng/ul

RT: 13.674 min Scan# 1800

Delta R.T. 0.012 min

Lab File: BM044375.D

Acq: 27 Feb 2024 20:46

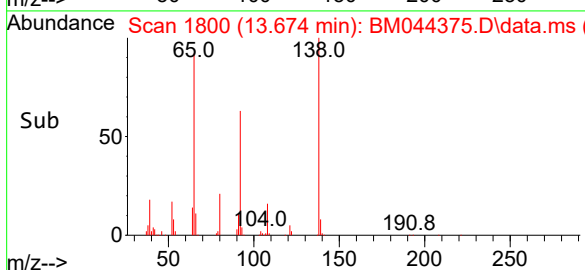
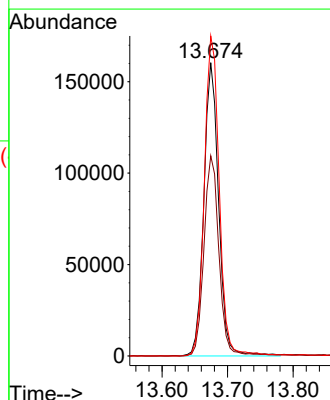
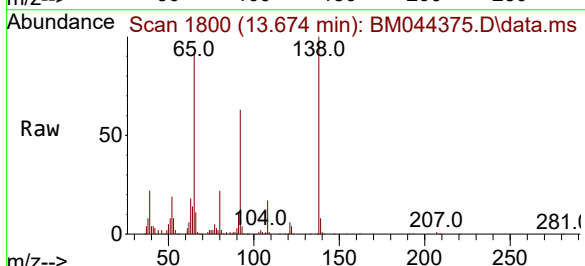
Tgt Ion: 65 Resp: 252894

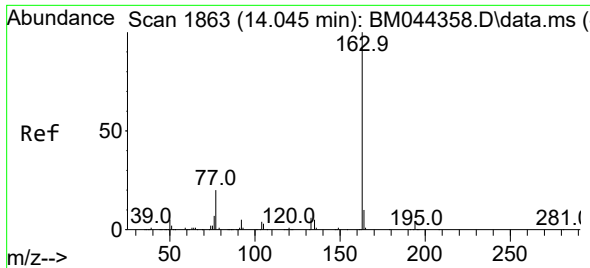
Ion Ratio Lower Upper

65 100

92 68.3 52.5 78.7

138 109.1 86.4 129.6

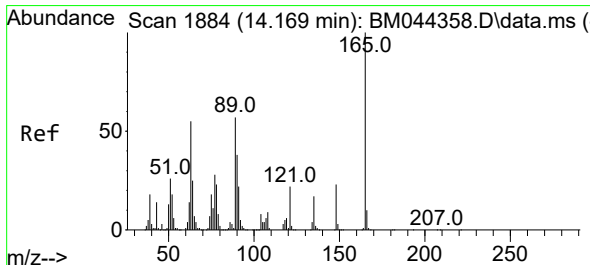
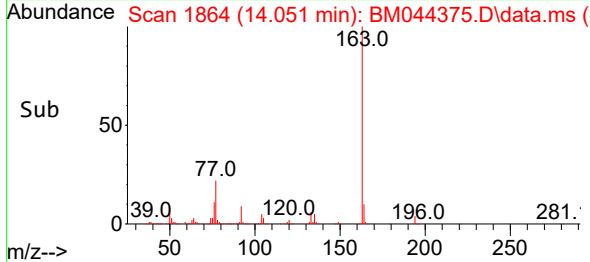
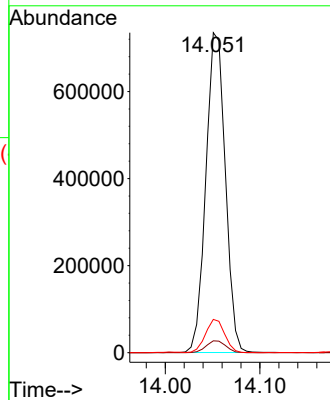
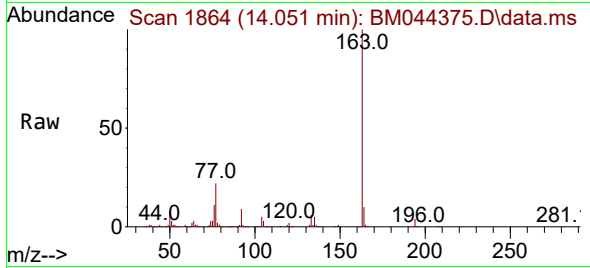




#47
Dimethylphthalate
Concen: 19.106 ng/ul
RT: 14.051 min Scan# 1864
Delta R.T. 0.006 min
Lab File: BM044375.D
Acq: 27 Feb 2024 20:46

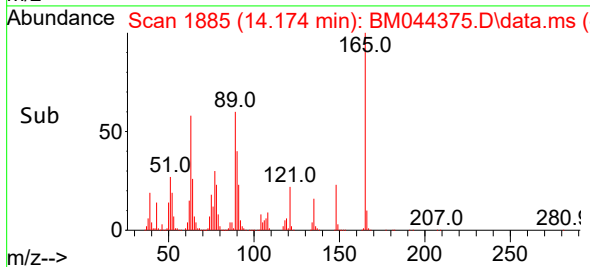
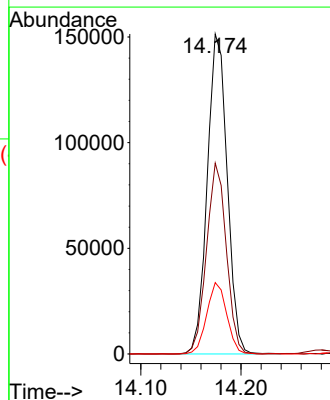
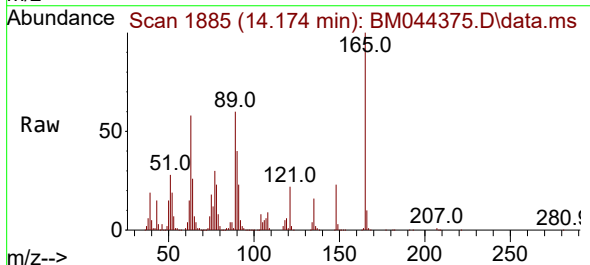
Instrument :
BNA_M
ClientSampleId :

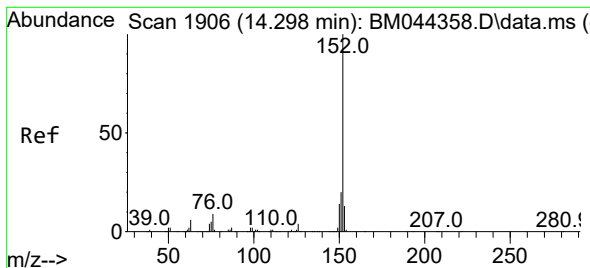
Tgt Ion:163 Resp: 1047721
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.4 8.1 12.1



#48
2,6-Dinitrotoluene
Concen: 20.465 ng/ul
RT: 14.174 min Scan# 1885
Delta R.T. 0.006 min
Lab File: BM044375.D
Acq: 27 Feb 2024 20:46

Tgt Ion:165 Resp: 209875
Ion Ratio Lower Upper
165 100
89 59.7 48.2 72.2
121 22.3 18.7 28.1





#50

Acenaphthylene

Concen: 19.644 ng/ul

RT: 14.304 min Scan# 1906

Delta R.T. 0.012 min

Lab File: BM044375.D

Acq: 27 Feb 2024 20:46

Instrument :

BNA_M

ClientSampleId :

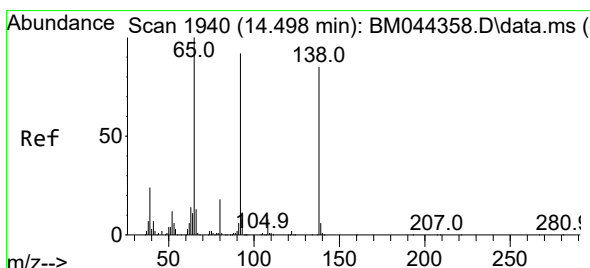
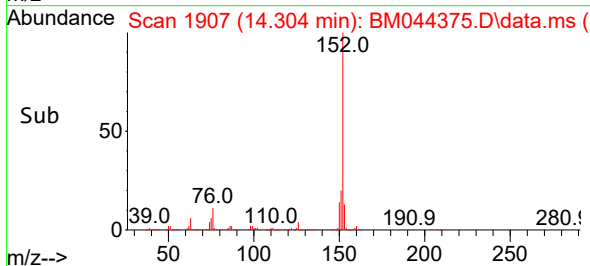
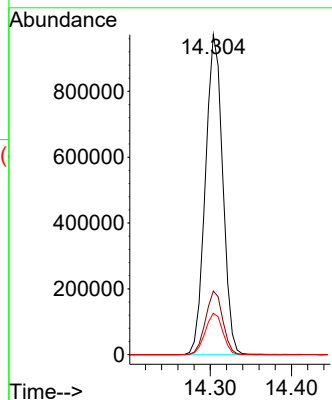
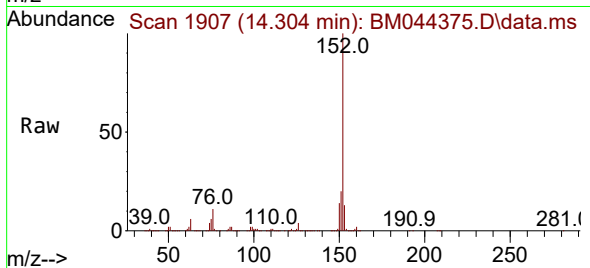
Tgt Ion:152 Resp: 1436413

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.6

153 13.0 10.4 15.6



#51

3-Nitroaniline

Concen: 21.144 ng/ul

RT: 14.504 min Scan# 1941

Delta R.T. 0.012 min

Lab File: BM044375.D

Acq: 27 Feb 2024 20:46

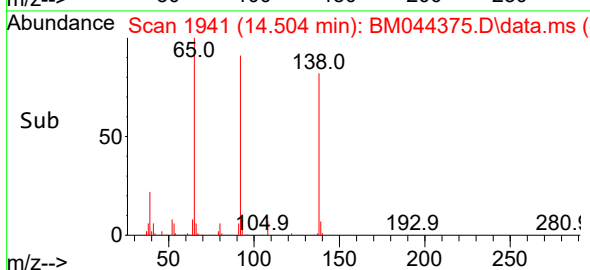
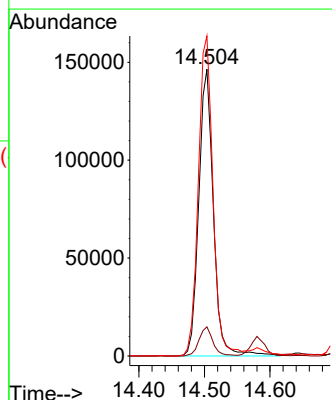
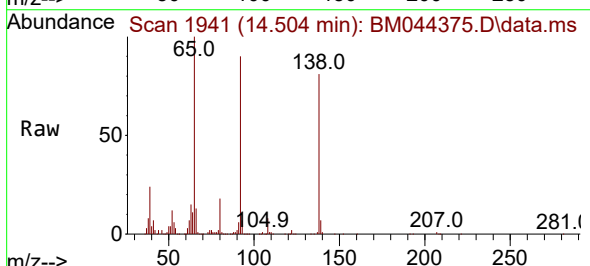
Tgt Ion:138 Resp: 228761

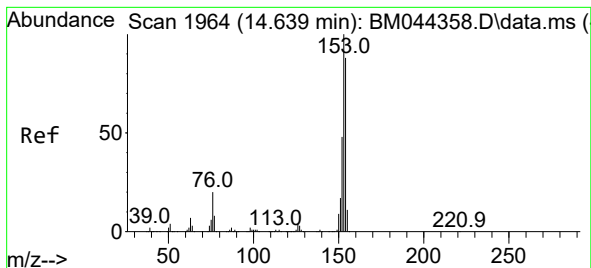
Ion Ratio Lower Upper

138 100

108 10.1 8.6 12.8

92 111.6 93.8 140.6





#52

Acenaphthene

Concen: 19.466 ng/ul

RT: 14.645 min Scan# 1965

Delta R.T. 0.012 min

Lab File: BM044375.D

Acq: 27 Feb 2024 20:46

Instrument :

BNA_M

ClientSampleId :

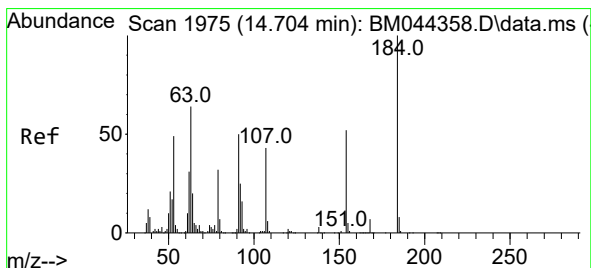
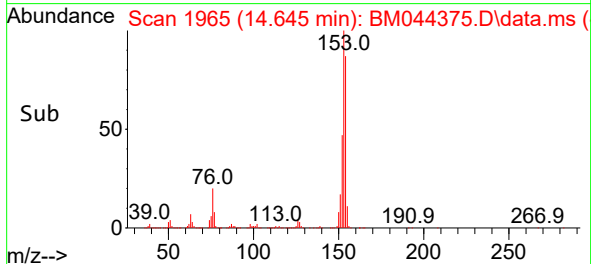
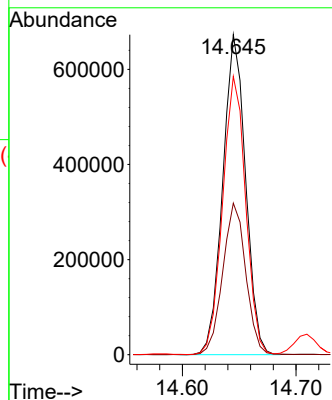
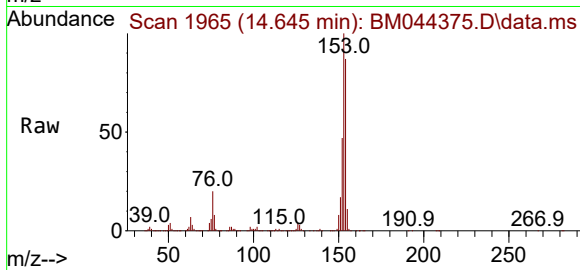
Tgt Ion:153 Resp: 939681

Ion Ratio Lower Upper

153 100

152 47.4 38.5 57.7

154 87.0 70.8 106.2



#53

2,4-Dinitrophenol

Concen: 15.540 ng/ul

RT: 14.710 min Scan# 1976

Delta R.T. 0.012 min

Lab File: BM044375.D

Acq: 27 Feb 2024 20:46

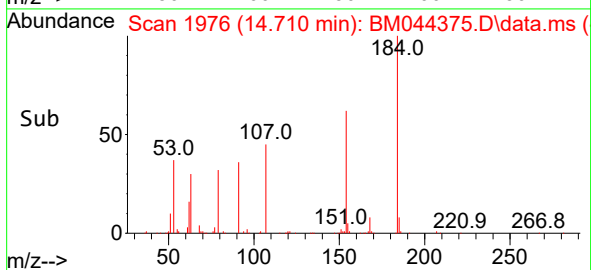
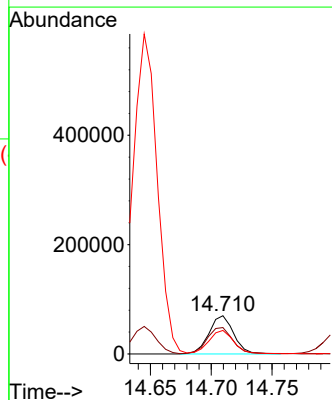
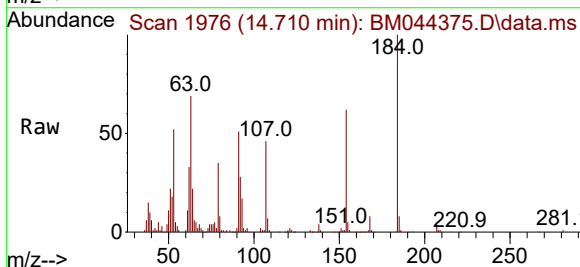
Tgt Ion:184 Resp: 98891

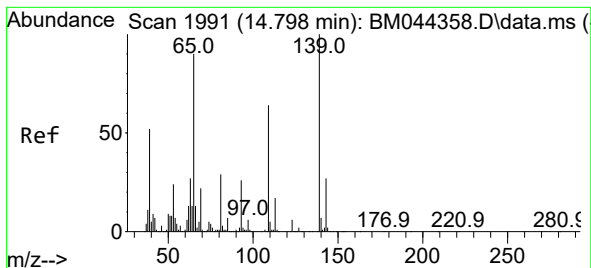
Ion Ratio Lower Upper

184 100

63 69.3 58.4 87.6

154 61.6 46.4 69.6

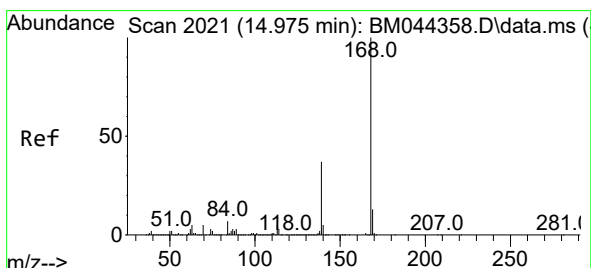
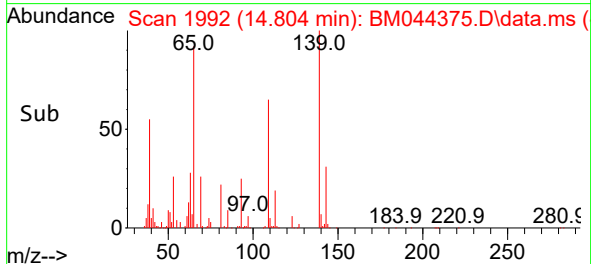
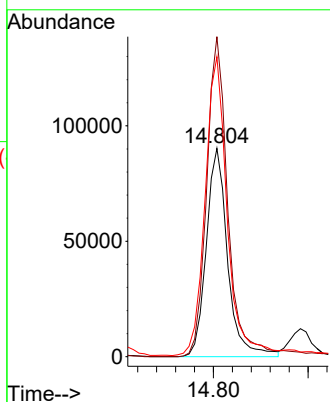
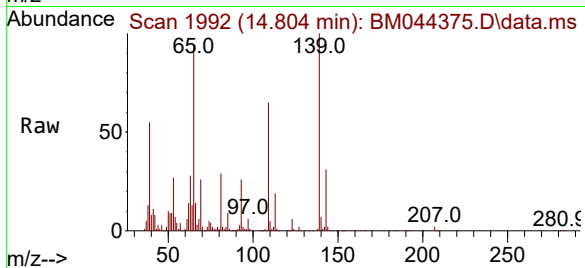




#55
4-Nitrophenol
Concen: 19.213 ng/ul
RT: 14.804 min Scan# 1991
Delta R.T. 0.012 min
Lab File: BM044375.D
Acq: 27 Feb 2024 20:46

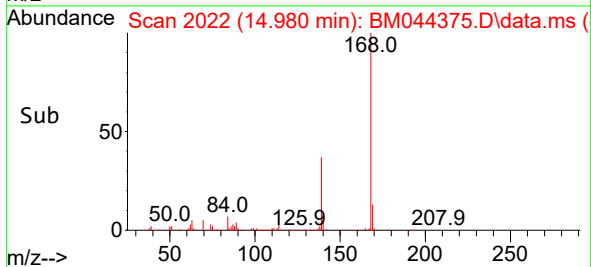
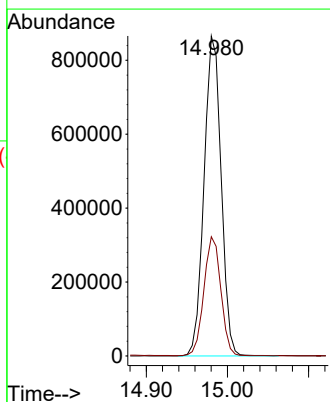
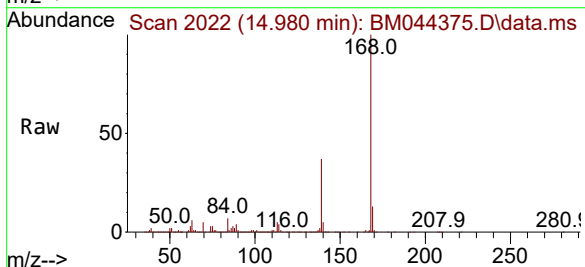
Instrument :
BNA_M
ClientSampleId :

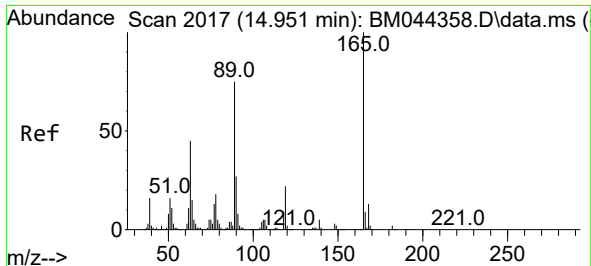
Tgt Ion:109 Resp: 140925
Ion Ratio Lower Upper
109 100
139 153.6 123.0 184.6
65 144.0 122.2 183.2



#56
Dibenzofuran
Concen: 19.507 ng/ul
RT: 14.980 min Scan# 2022
Delta R.T. 0.006 min
Lab File: BM044375.D
Acq: 27 Feb 2024 20:46

Tgt Ion:168 Resp: 1264111
Ion Ratio Lower Upper
168 100
139 37.2 29.9 44.9

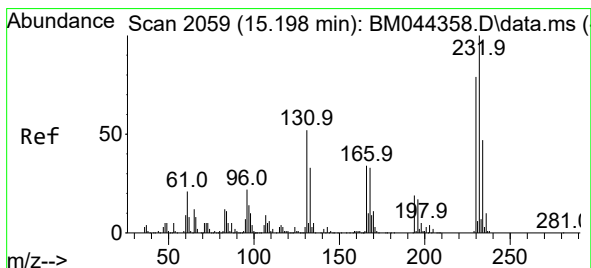
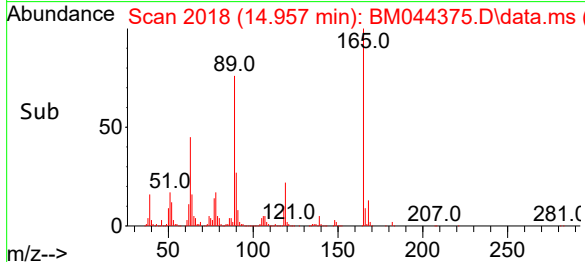
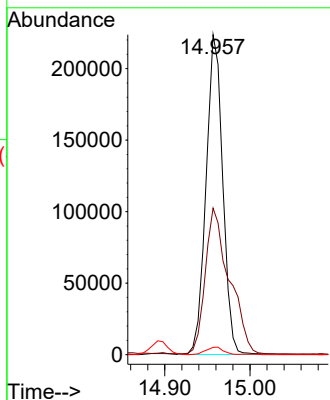
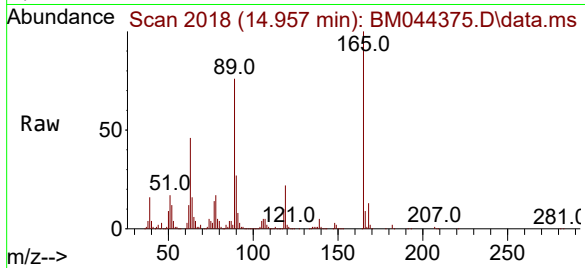




#57
2,4-Dinitrotoluene
Concen: 20.635 ng/ul
RT: 14.957 min Scan# 20
Delta R.T. 0.006 min
Lab File: BM044375.D
Acq: 27 Feb 2024 20:46

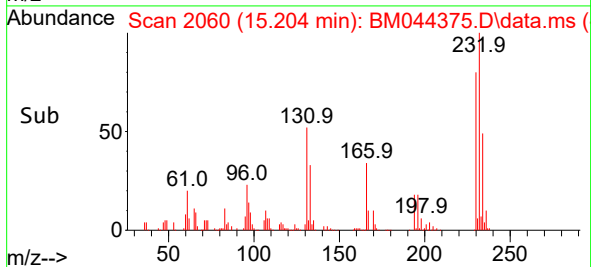
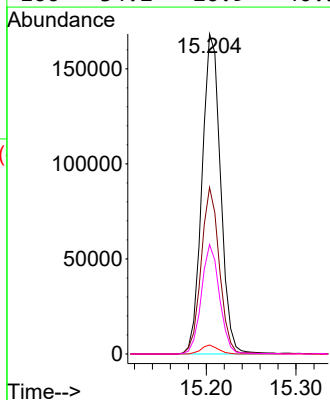
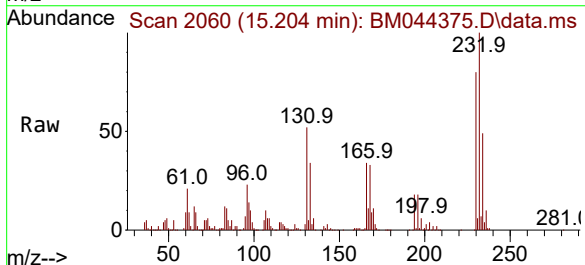
Instrument :
BNA_M
ClientSampleId :

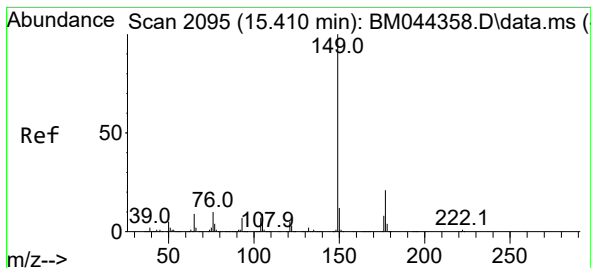
Tgt Ion:165 Resp: 304017
Ion Ratio Lower Upper
165 100
63 45.8 37.9 56.9
182 2.3 1.8 2.6



#58
2,3,4,6-Tetrachlorophenol
Concen: 21.176 ng/ul
RT: 15.204 min Scan# 2060
Delta R.T. 0.006 min
Lab File: BM044375.D
Acq: 27 Feb 2024 20:46

Tgt Ion:232 Resp: 241847
Ion Ratio Lower Upper
232 100
131 52.0 41.9 62.9
130 2.8 1.8 2.8#
166 34.2 26.9 40.3





#59

Diethylphthalate

Concen: 19.428 ng/ul

RT: 15.415 min Scan# 2095

Delta R.T. 0.006 min

Lab File: BM044375.D

Acq: 27 Feb 2024 20:46

Instrument :

BNA_M

ClientSampleId :

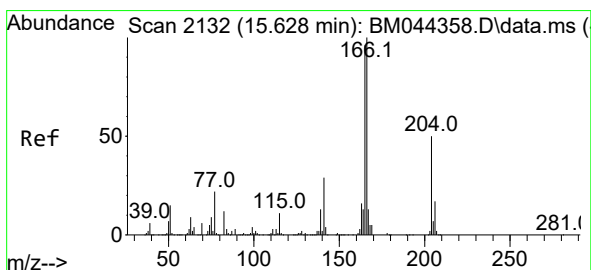
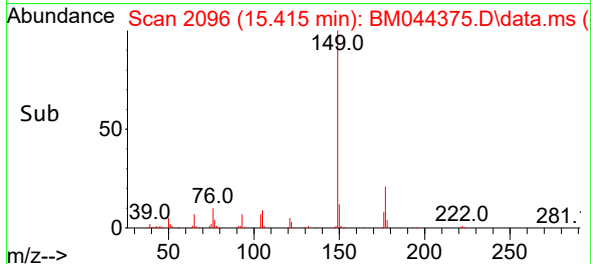
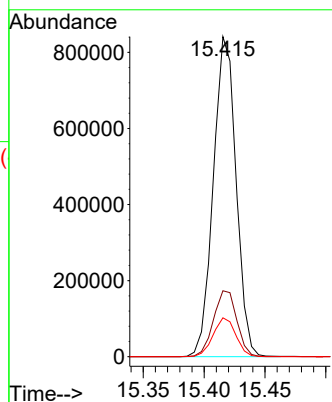
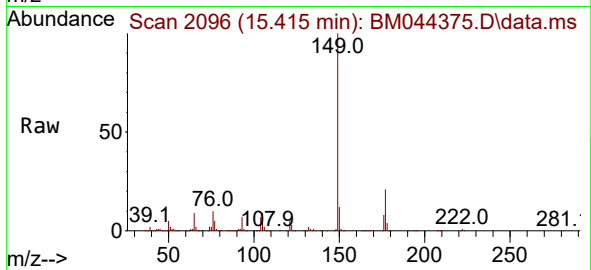
Tgt Ion:149 Resp: 1096672

Ion Ratio Lower Upper

149 100

177 20.6 17.0 25.6

150 12.1 9.6 14.4



#61

Fluorene

Concen: 19.713 ng/ul

RT: 15.633 min Scan# 2133

Delta R.T. 0.012 min

Lab File: BM044375.D

Acq: 27 Feb 2024 20:46

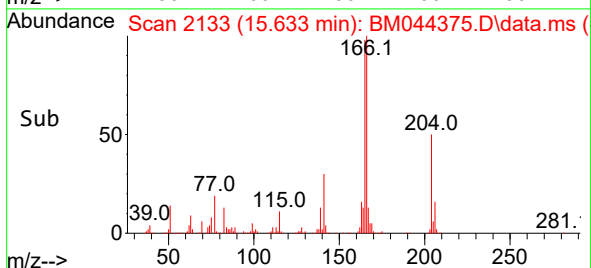
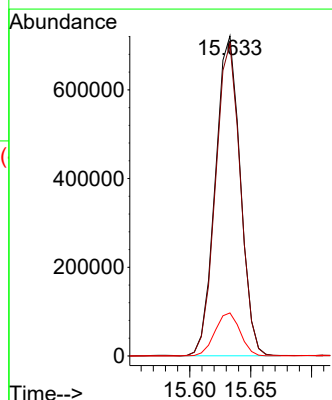
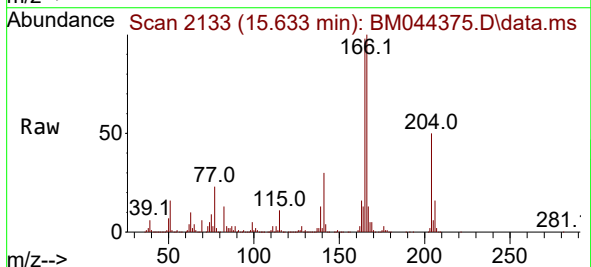
Tgt Ion:166 Resp: 1025977

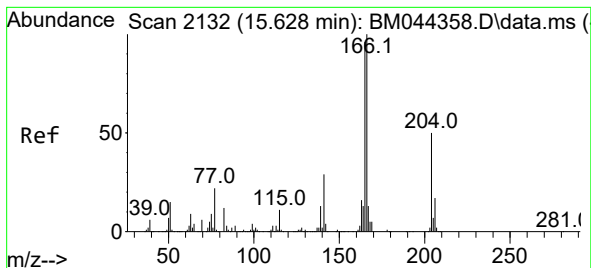
Ion Ratio Lower Upper

166 100

165 97.6 77.4 116.0

167 13.4 10.8 16.2

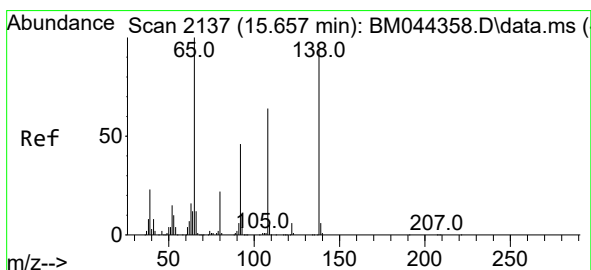
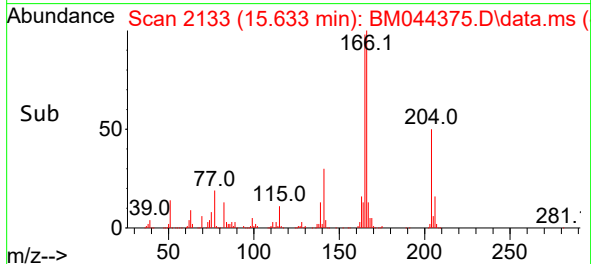
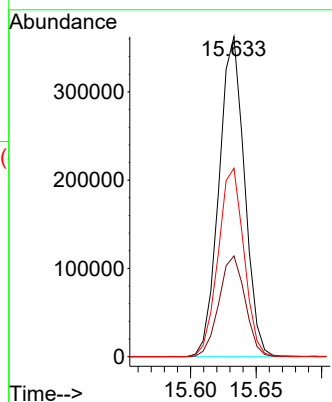
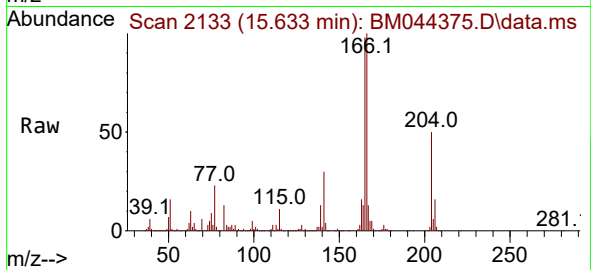




#62
4-Chlorophenyl-phenylether
Concen: 19.964 ng/ul
RT: 15.633 min Scan# 2133
Delta R.T. 0.012 min
Lab File: BM044375.D
Acq: 27 Feb 2024 20:46

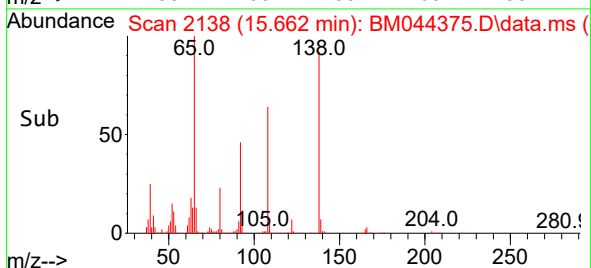
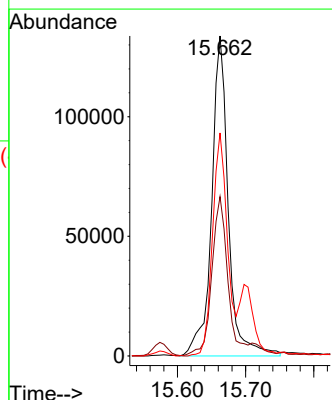
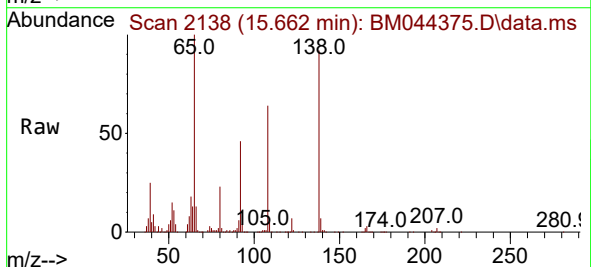
Instrument :
BNA_M
ClientSampleId :

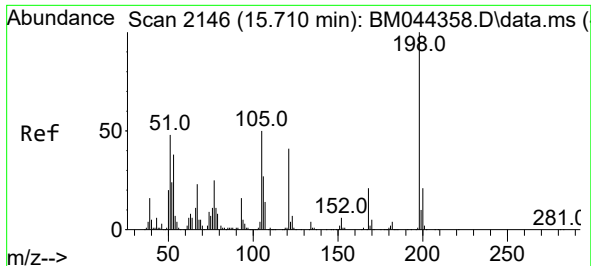
Tgt Ion:204 Resp: 489690
Ion Ratio Lower Upper
204 100
206 31.5 26.9 40.3
141 58.9 48.3 72.5



#63
4-Nitroaniline
Concen: 21.750 ng/ul
RT: 15.662 min Scan# 2138
Delta R.T. 0.012 min
Lab File: BM044375.D
Acq: 27 Feb 2024 20:46

Tgt Ion:138 Resp: 227597
Ion Ratio Lower Upper
138 100
92 49.8 40.9 61.3
108 69.7 55.1 82.7

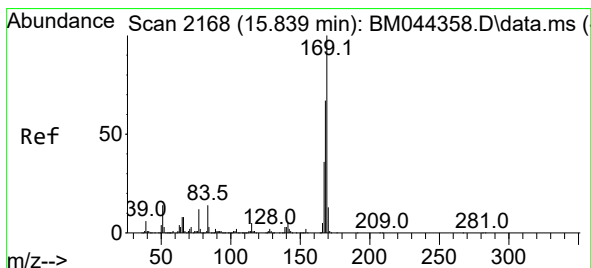
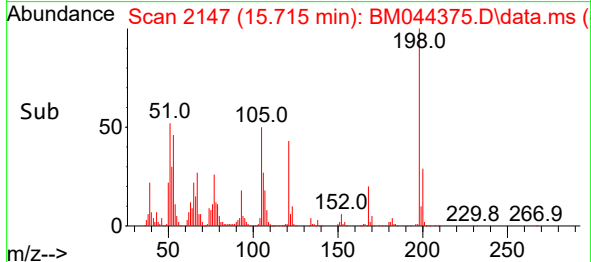
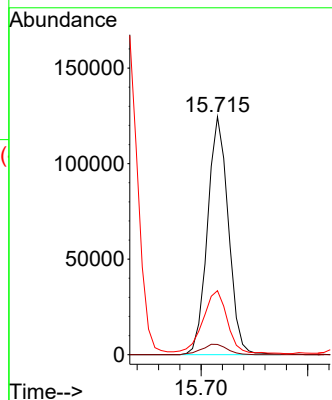
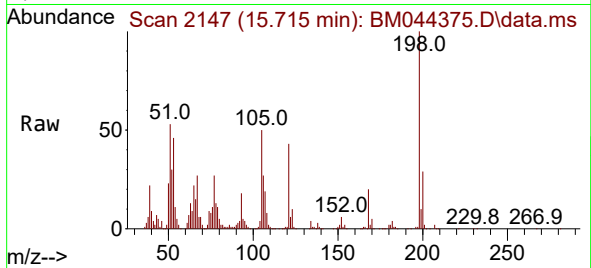




#66
4,6-Dinitro-2-methylphenol
Concen: 17.476 ng/ul
RT: 15.715 min Scan# 2146
Delta R.T. 0.012 min
Lab File: BM044375.D
Acq: 27 Feb 2024 20:46

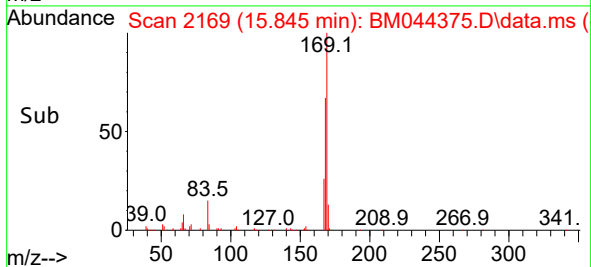
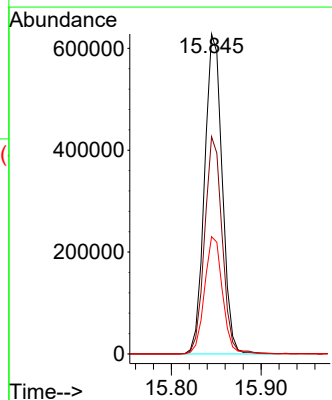
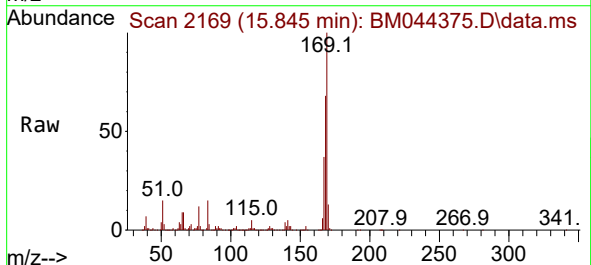
Instrument :
BNA_M
ClientSampleId :

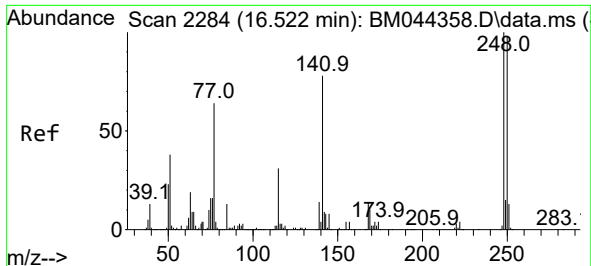
Tgt Ion:198 Resp: 169238
Ion Ratio Lower Upper
198 100
182 4.3 3.8 5.8
77 26.9 20.6 30.8



#67
N-Nitrosodiphenylamine
Concen: 19.823 ng/ul
RT: 15.845 min Scan# 2169
Delta R.T. 0.006 min
Lab File: BM044375.D
Acq: 27 Feb 2024 20:46

Tgt Ion:169 Resp: 857061
Ion Ratio Lower Upper
169 100
168 67.9 53.6 80.4
167 36.6 29.2 43.8

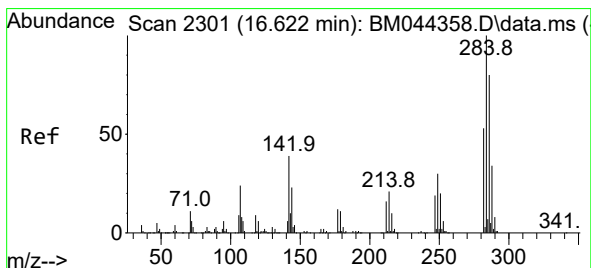
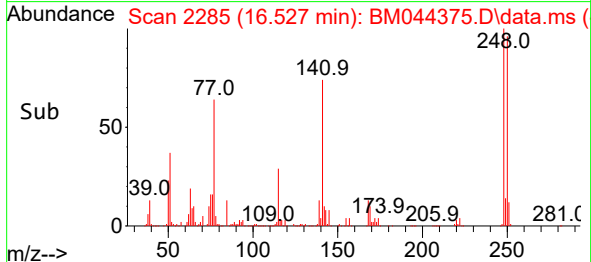
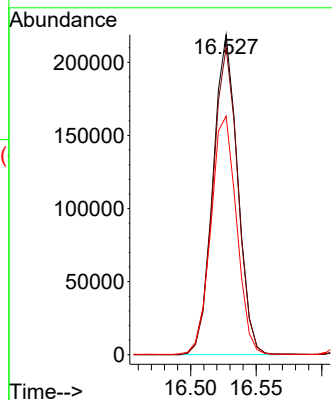
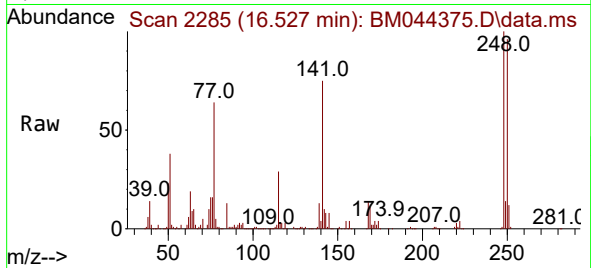




#68
4-Bromophenyl-phenylether
Concen: 20.213 ng/ul
RT: 16.527 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM044375.D
Acq: 27 Feb 2024 20:46

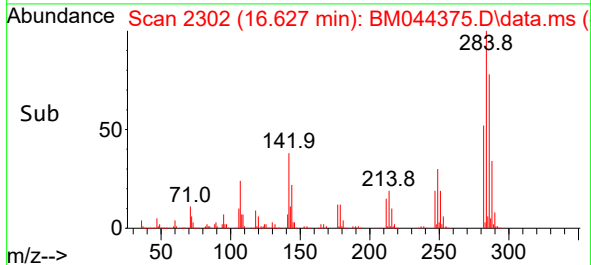
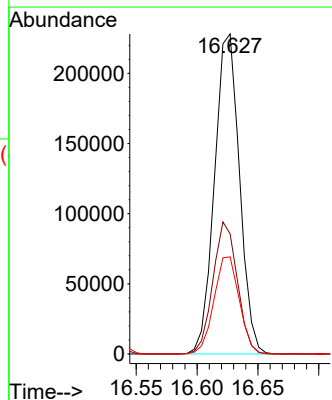
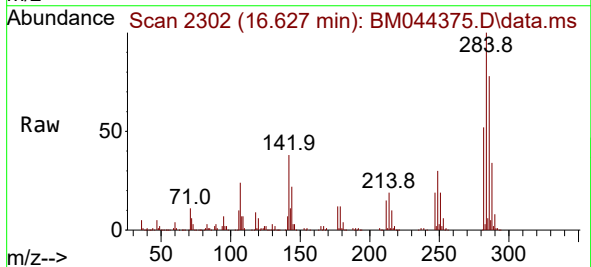
Instrument :
BNA_M
ClientSampleId :

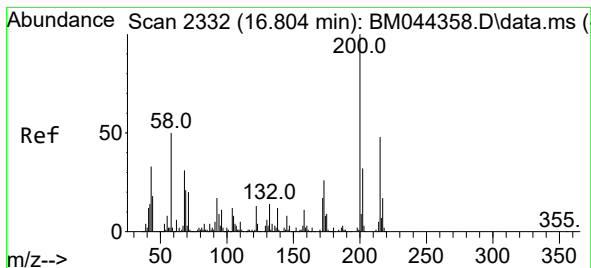
Tgt Ion:248 Resp: 286530
Ion Ratio Lower Upper
248 100
250 96.1 79.8 119.8
141 74.5 65.8 98.8



#69
Hexachlorobenzene
Concen: 20.091 ng/ul
RT: 16.627 min Scan# 2302
Delta R.T. 0.012 min
Lab File: BM044375.D
Acq: 27 Feb 2024 20:46

Tgt Ion:284 Resp: 325977
Ion Ratio Lower Upper
284 100
142 37.6 33.4 50.2
249 30.4 24.7 37.1





#70

Atrazine

Concen: 19.765 ng/ul

RT: 16.809 min Scan# 21

Delta R.T. 0.012 min

Lab File: BM044375.D

Acq: 27 Feb 2024 20:46

Instrument :

BNA_M

ClientSampleId :

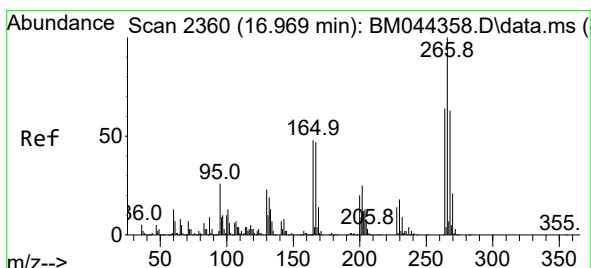
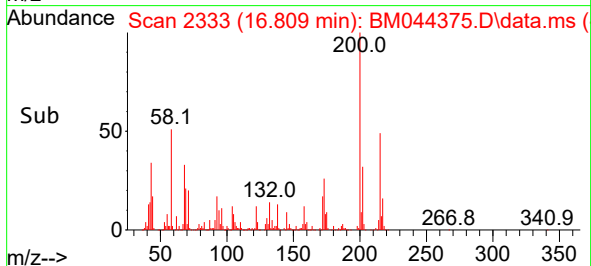
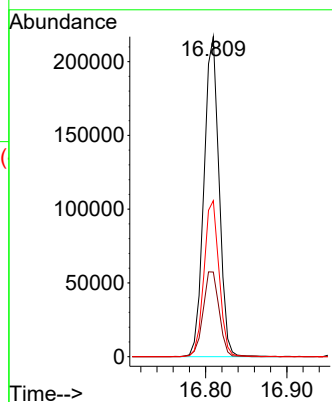
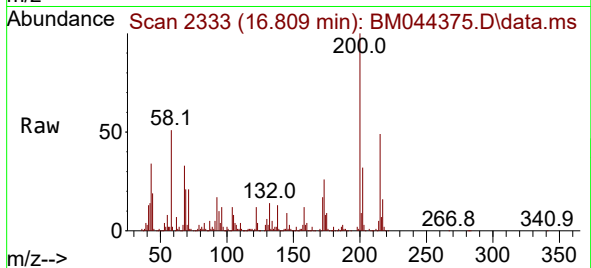
Tgt Ion:200 Resp: 279928

Ion Ratio Lower Upper

200 100

173 26.4 22.5 33.7

215 48.7 37.8 56.6



#71

Pentachlorophenol

Concen: 19.234 ng/ul

RT: 16.974 min Scan# 2361

Delta R.T. 0.006 min

Lab File: BM044375.D

Acq: 27 Feb 2024 20:46

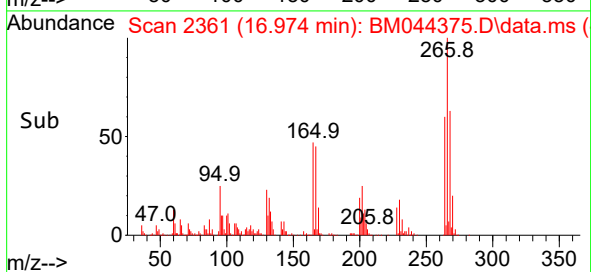
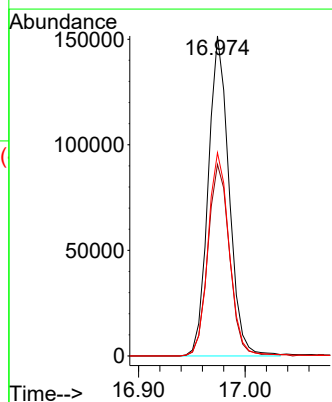
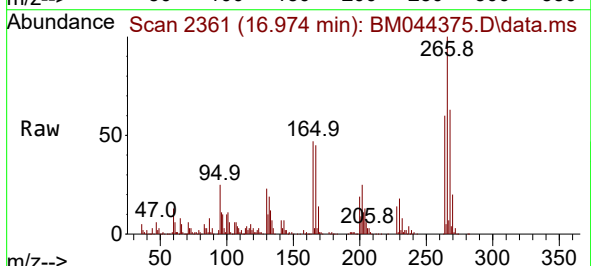
Tgt Ion:266 Resp: 205651

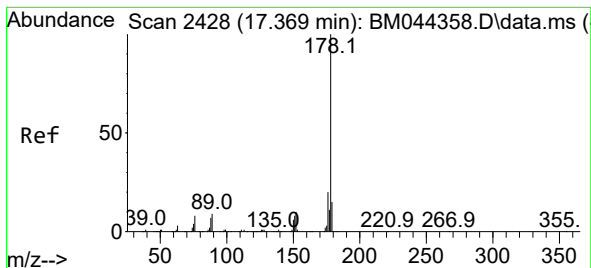
Ion Ratio Lower Upper

266 100

264 59.9 50.9 76.3

268 63.5 51.1 76.7





#72

Phenanthrene

Concen: 19.329 ng/ul

RT: 17.374 min Scan# 2428

Delta R.T. 0.006 min

Lab File: BM044375.D

Acq: 27 Feb 2024 20:46

Instrument :

BNA_M

ClientSampleId :

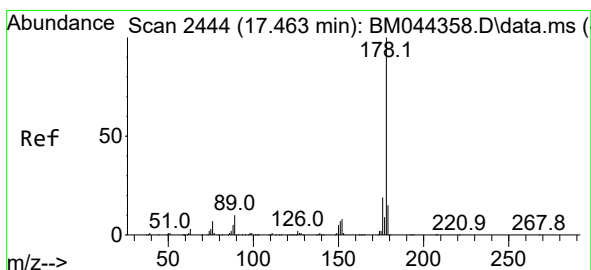
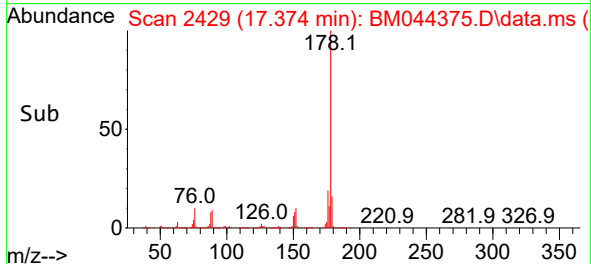
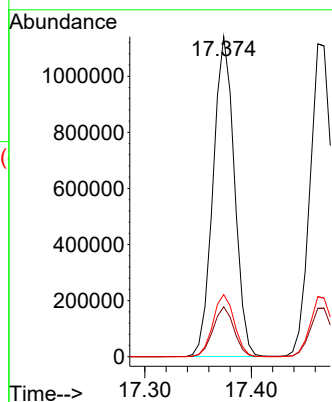
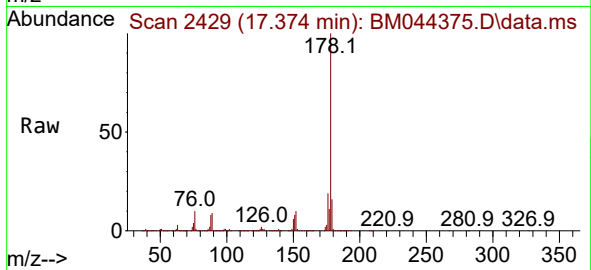
Tgt Ion:178 Resp: 1582027

Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.4

176 19.4 15.6 23.4



#74

Anthracene

Concen: 19.591 ng/ul

RT: 17.462 min Scan# 2444

Delta R.T. 0.006 min

Lab File: BM044375.D

Acq: 27 Feb 2024 20:46

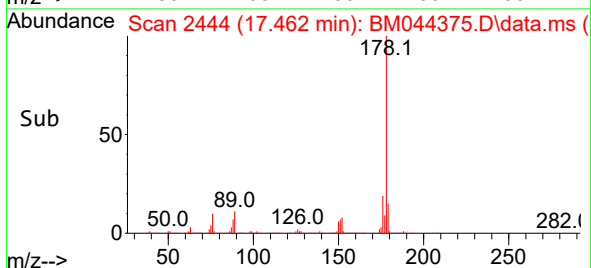
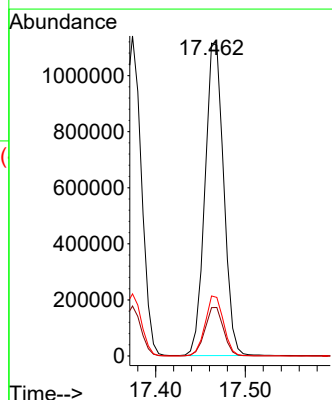
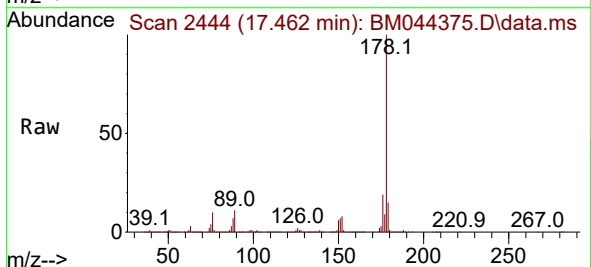
Tgt Ion:178 Resp: 1614404

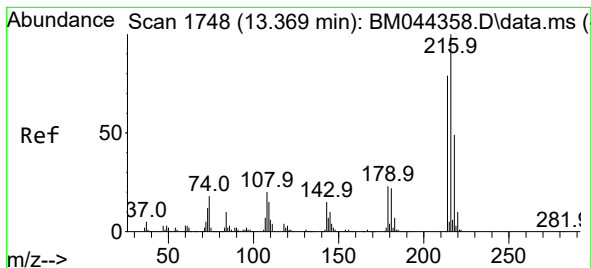
Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.2

176 19.2 15.4 23.0





#75

1,2,3,4-Tetrachlorobenzene

Concen: 19.760 ng/uL

RT: 13.380 min Scan# 1

Delta R.T. 0.012 min

Lab File: BM044375.D

Acq: 27 Feb 2024 20:46

Instrument :

BNA_M

ClientSampleId :

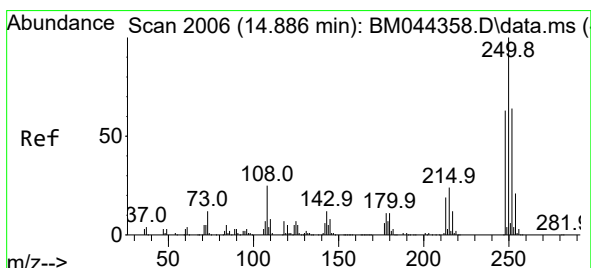
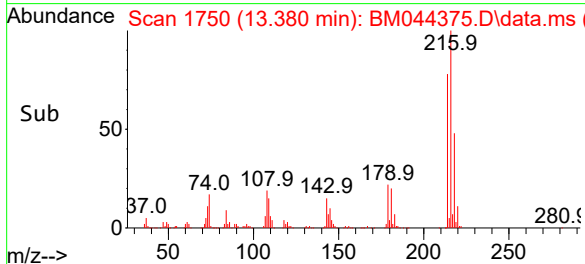
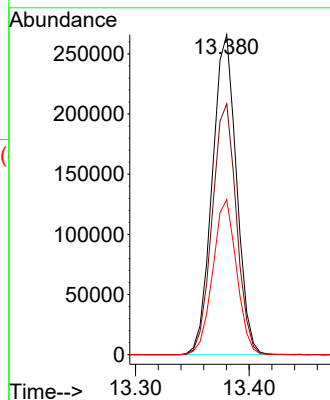
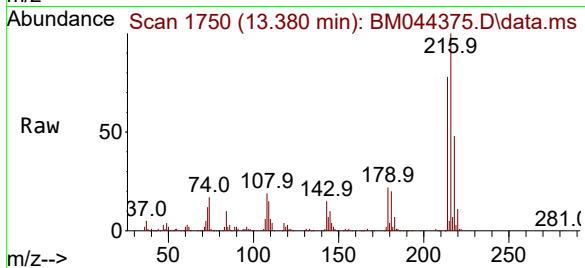
Tgt Ion:216 Resp: 394630

Ion Ratio Lower Upper

216 100

214 78.4 61.9 92.9

218 48.5 37.9 56.9



#76

Pentachlorobenzene

Concen: 19.754 ng/uL

RT: 14.892 min Scan# 2007

Delta R.T. 0.006 min

Lab File: BM044375.D

Acq: 27 Feb 2024 20:46

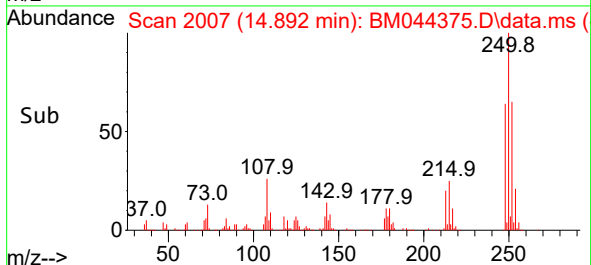
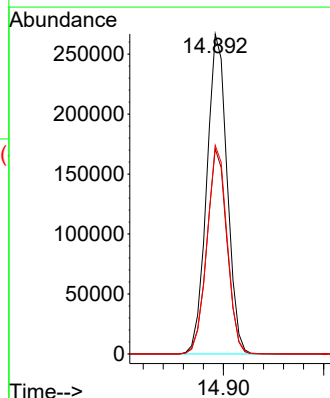
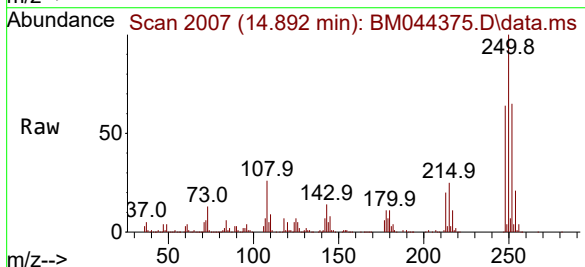
Tgt Ion:250 Resp: 376626

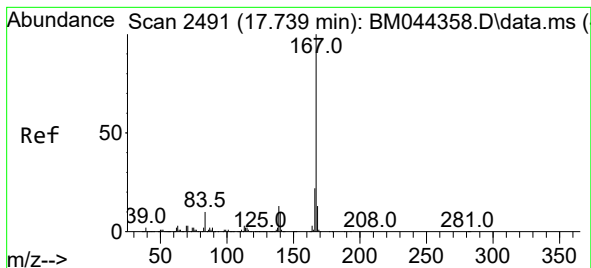
Ion Ratio Lower Upper

250 100

248 64.1 48.6 73.0

252 65.2 50.0 75.0





#77

Carbazole

Concen: 19.309 ng/ul

RT: 17.745 min Scan# 2491

Delta R.T. 0.012 min

Lab File: BM044375.D

Acq: 27 Feb 2024 20:46

Instrument :

BNA_M

ClientSampleId :

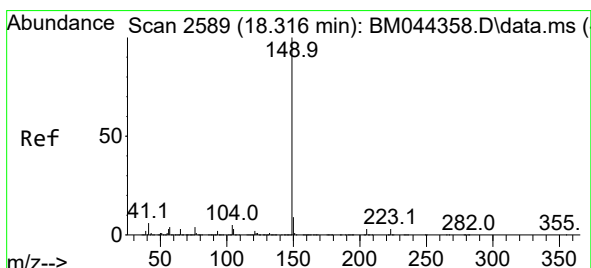
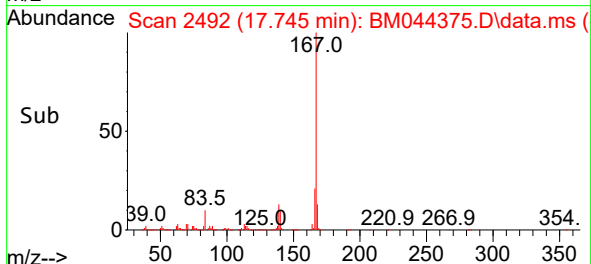
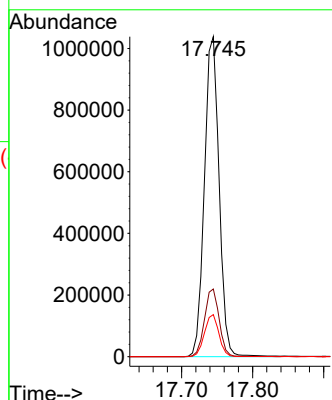
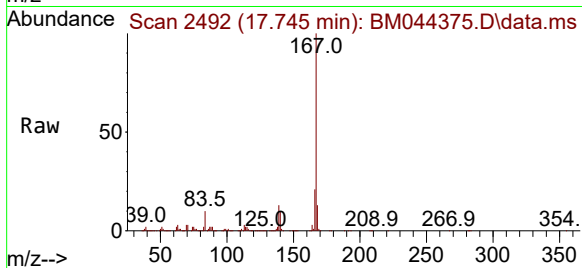
Tgt Ion:167 Resp: 1496206

Ion Ratio Lower Upper

167 100

166 21.2 17.1 25.7

139 13.2 10.7 16.1



#78

Di-n-butylphthalate

Concen: 20.478 ng/ul

RT: 18.315 min Scan# 2589

Delta R.T. 0.006 min

Lab File: BM044375.D

Acq: 27 Feb 2024 20:46

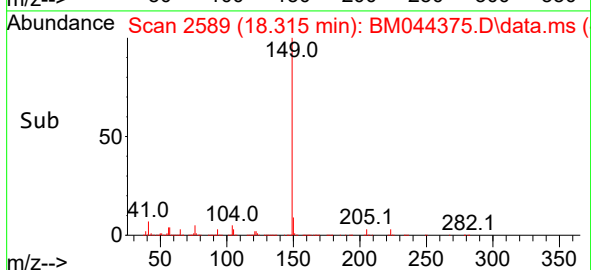
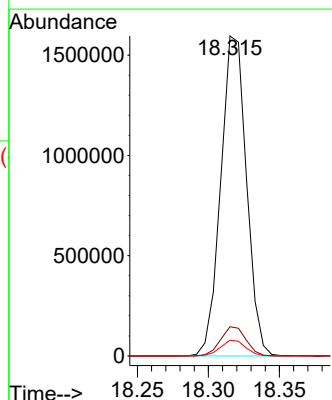
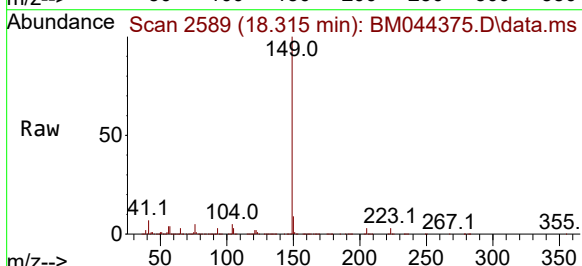
Tgt Ion:149 Resp: 2009097

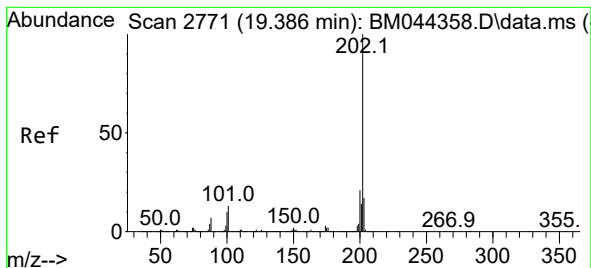
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 4.9 3.8 5.8

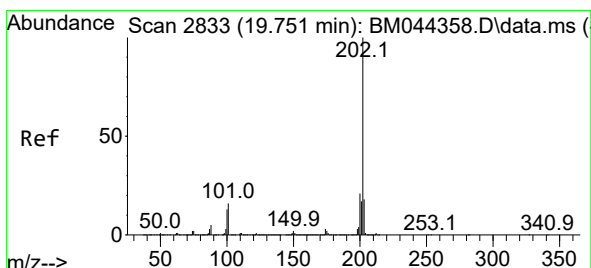
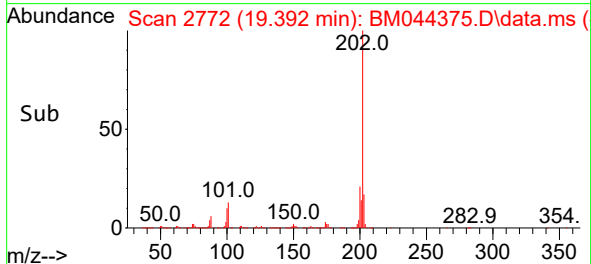
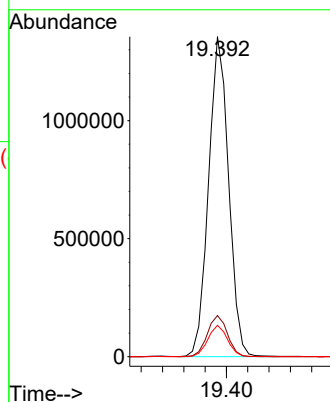
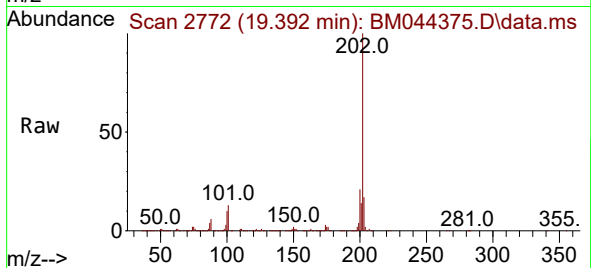




#80
Fluoranthene
Concen: 20.208 ng/ul
RT: 19.392 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM044375.D
Acq: 27 Feb 2024 20:46

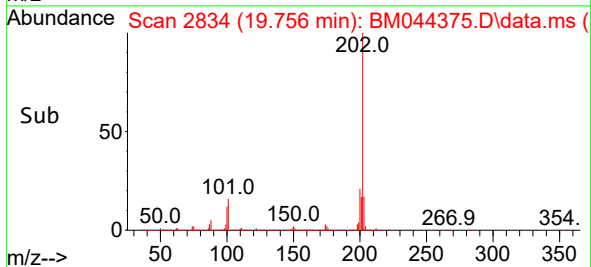
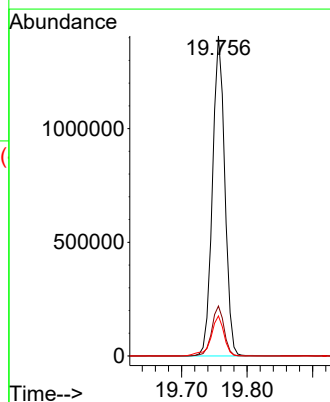
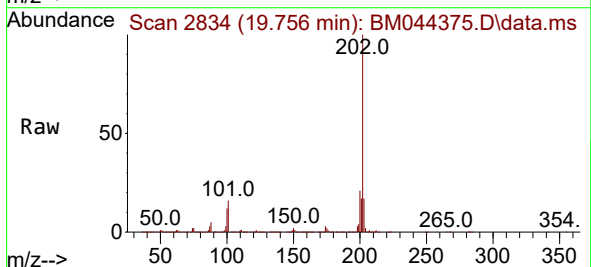
Instrument :
BNA_M
ClientSampleId :

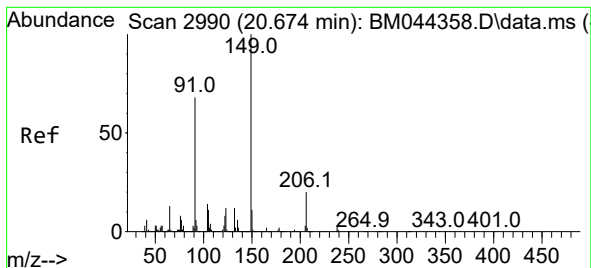
Tgt Ion:202 Resp: 1768542
Ion Ratio Lower Upper
202 100
101 12.8 11.1 16.7
100 9.8 8.2 12.2



#82
Pyrene
Concen: 20.014 ng/ul
RT: 19.756 min Scan# 2834
Delta R.T. 0.006 min
Lab File: BM044375.D
Acq: 27 Feb 2024 20:46

Tgt Ion:202 Resp: 1836938
Ion Ratio Lower Upper
202 100
101 15.6 12.6 18.8
100 12.5 10.2 15.2





#83

Butylbenzylphthalate

Concen: 21.147 ng/ul

RT: 20.674 min Scan# 2990

Delta R.T. 0.006 min

Lab File: BM044375.D

Acq: 27 Feb 2024 20:46

Instrument :

BNA_M

ClientSampleId :

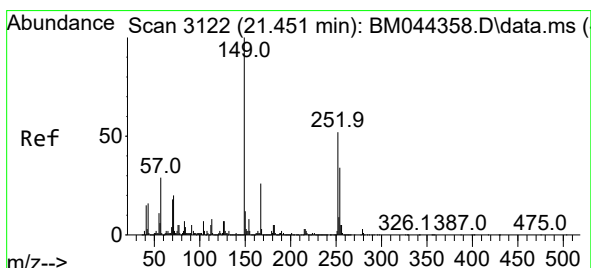
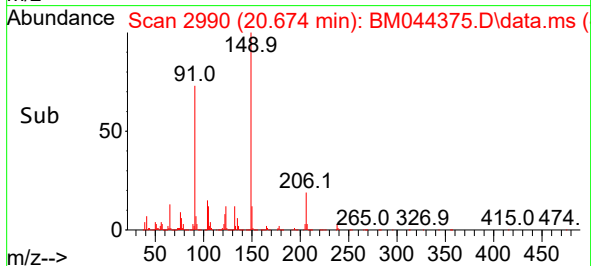
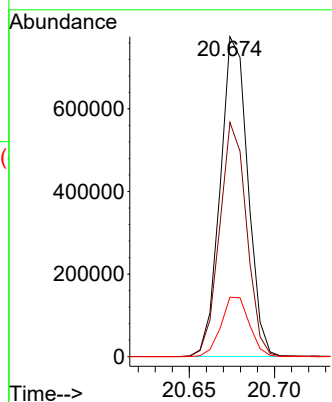
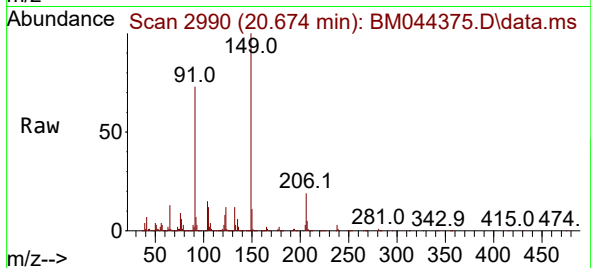
Tgt Ion:149 Resp: 871783

Ion Ratio Lower Upper

149 100

91 73.2 58.1 87.1

206 18.6 15.0 22.4



#84

3,3'-Dichlorobenzidine

Concen: 19.986 ng/ul

RT: 21.456 min Scan# 3123

Delta R.T. 0.012 min

Lab File: BM044375.D

Acq: 27 Feb 2024 20:46

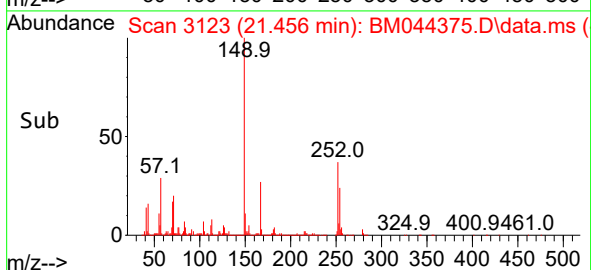
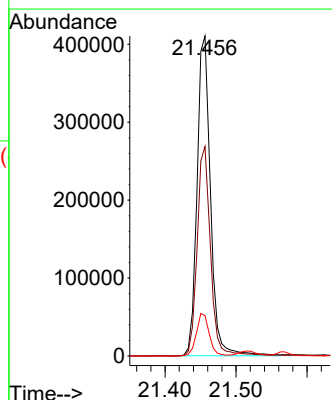
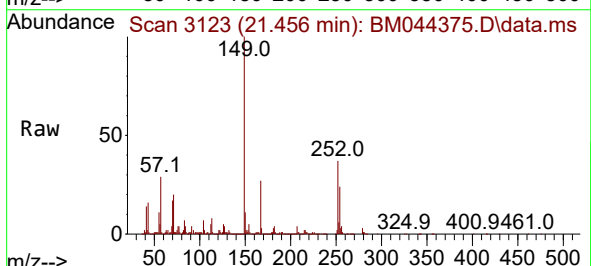
Tgt Ion:252 Resp: 542231

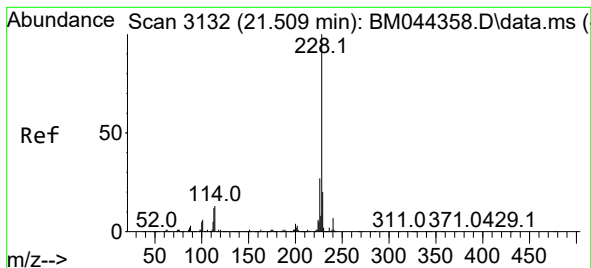
Ion Ratio Lower Upper

252 100

254 65.5 51.6 77.4

126 12.6 11.2 16.8





#85

Benzo(a)anthracene

Concen: 19.743 ng/ul

RT: 21.515 min Scan# 3133

Delta R.T. 0.006 min

Lab File: BM044375.D

Acq: 27 Feb 2024 20:46

Instrument :

BNA_M

ClientSampleId :

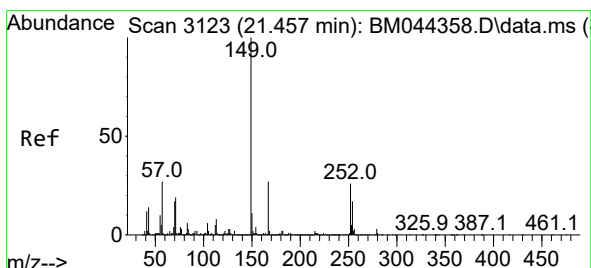
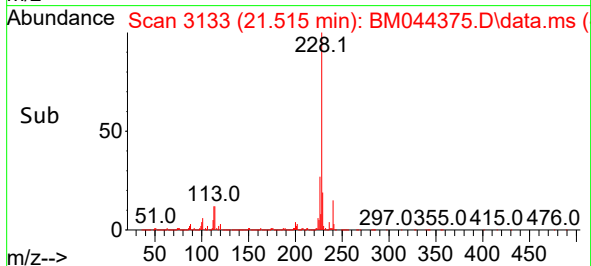
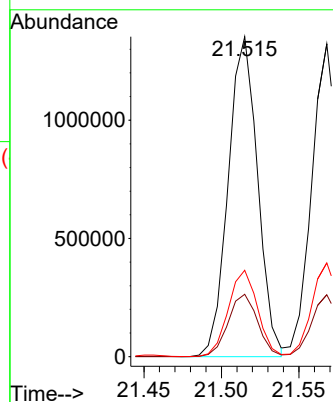
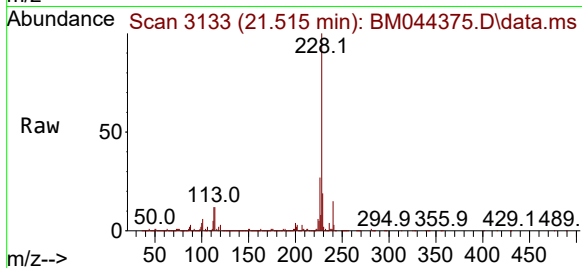
Tgt Ion:228 Resp: 1785986

Ion Ratio Lower Upper

228 100

229 19.5 15.4 23.0

226 27.0 21.2 31.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 21.706 ng/ul

RT: 21.462 min Scan# 3124

Delta R.T. 0.012 min

Lab File: BM044375.D

Acq: 27 Feb 2024 20:46

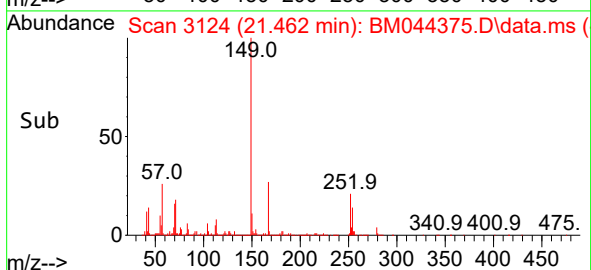
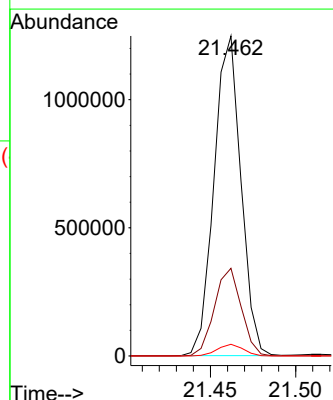
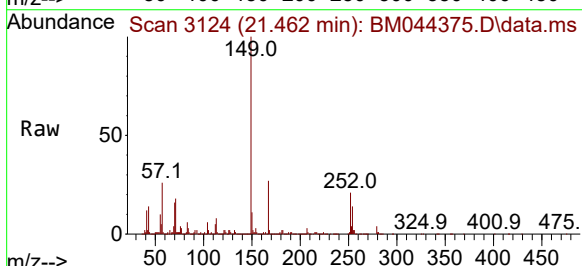
Tgt Ion:149 Resp: 1369957

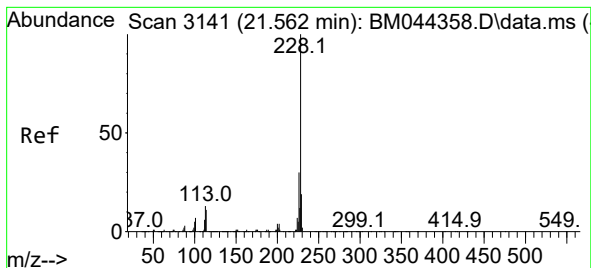
Ion Ratio Lower Upper

149 100

167 27.4 22.1 33.1

279 3.7 2.4 3.6#





#87

Chrysene

Concen: 19.575 ng/ul

RT: 21.568 min Scan# 3141

Delta R.T. 0.006 min

Lab File: BM044375.D

Acq: 27 Feb 2024 20:46

Instrument :

BNA_M

ClientSampleId :

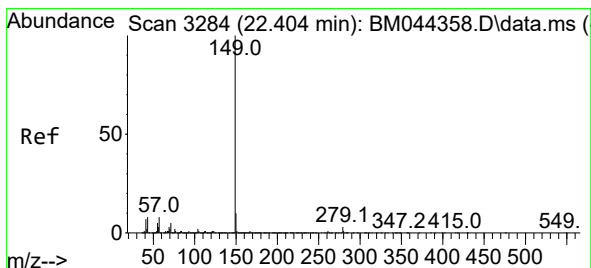
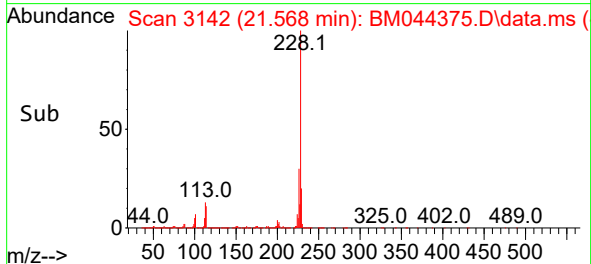
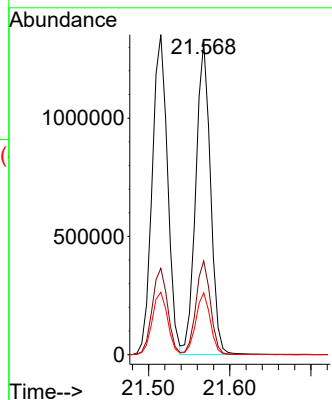
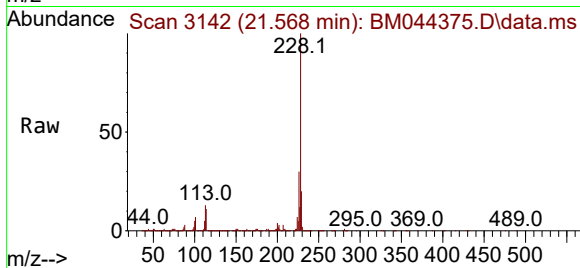
Tgt Ion:228 Resp: 1664581

Ion Ratio Lower Upper

228 100

226 30.0 23.8 35.6

229 19.8 16.0 24.0



#89

Di-n-octyl phthalate

Concen: 20.474 ng/ul

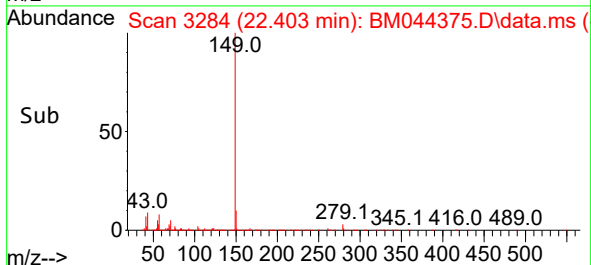
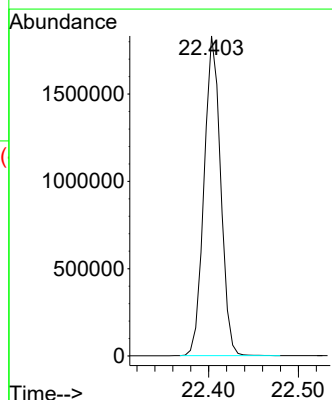
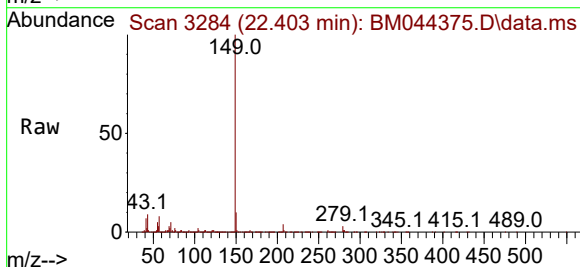
RT: 22.403 min Scan# 3284

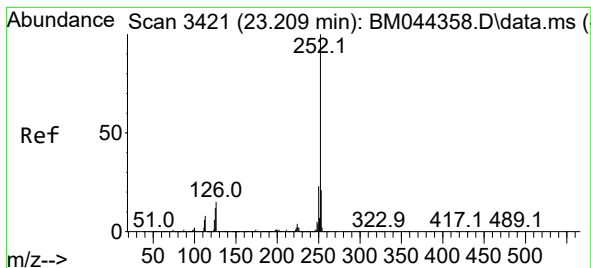
Delta R.T. 0.006 min

Lab File: BM044375.D

Acq: 27 Feb 2024 20:46

Tgt Ion:149 Resp: 2346209





#90

Benzo(b)fluoranthene

Concen: 19.703 ng/ul

RT: 23.209 min Scan# 34

Delta R.T. 0.012 min

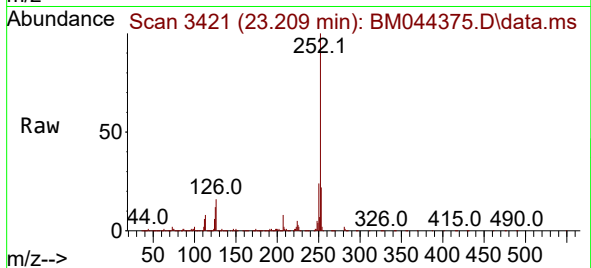
Lab File: BM044375.D

Acq: 27 Feb 2024 20:46

Instrument :

BNA_M

ClientSampleId :



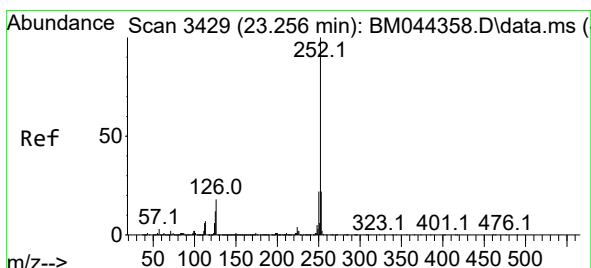
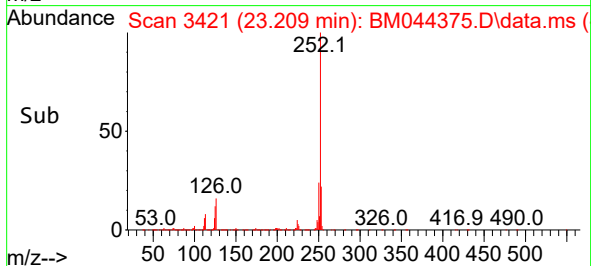
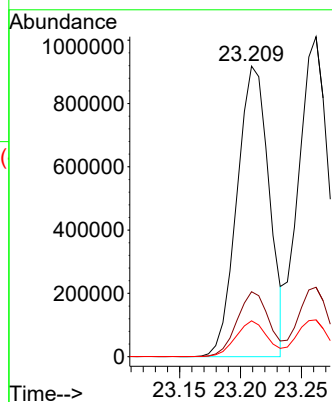
Tgt Ion:252 Resp: 1689443

Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 12.3 9.8 14.8



#91

Benzo(k)fluoranthene

Concen: 19.962 ng/ul

RT: 23.262 min Scan# 3430

Delta R.T. 0.012 min

Lab File: BM044375.D

Acq: 27 Feb 2024 20:46

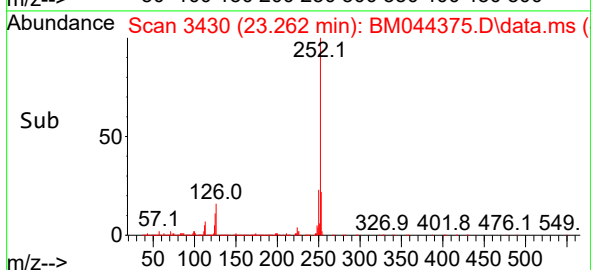
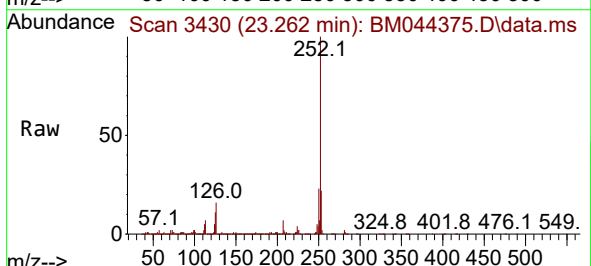
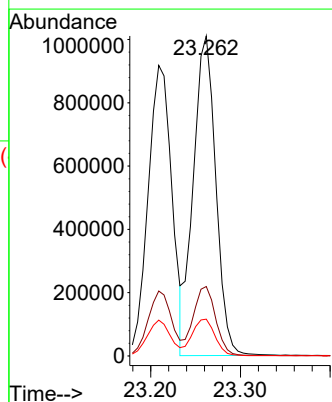
Tgt Ion:252 Resp: 1757946

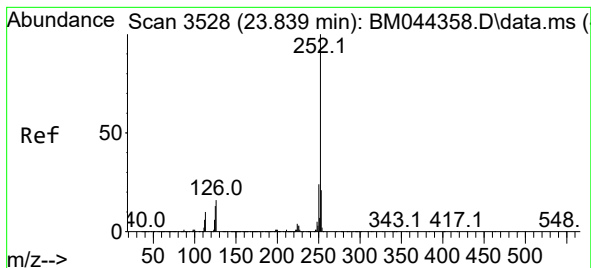
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 11.5 9.4 14.2





#93

Benzo(a)pyrene

Concen: 19.746 ng/ul

RT: 23.838 min Scan# 3

Delta R.T. 0.012 min

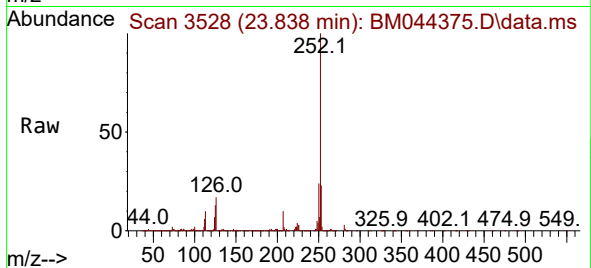
Lab File: BM044375.D

Acq: 27 Feb 2024 20:46

Instrument :

BNA_M

ClientSampleId :



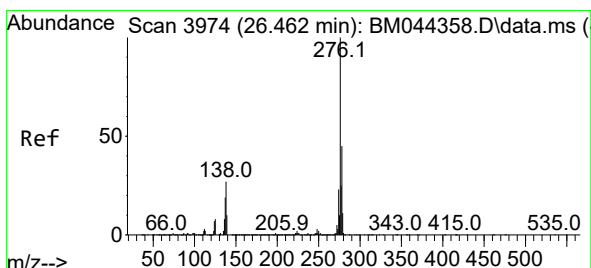
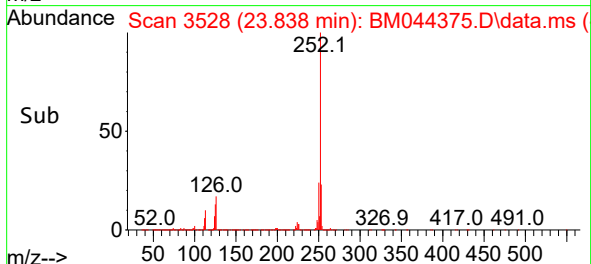
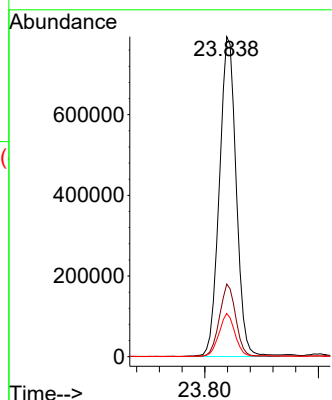
Tgt Ion:252 Resp: 1632417

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.2

125 13.5 10.8 16.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 19.508 ng/ul

RT: 26.468 min Scan# 3975

Delta R.T. 0.023 min

Lab File: BM044375.D

Acq: 27 Feb 2024 20:46

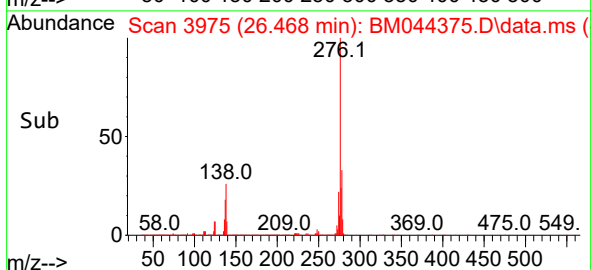
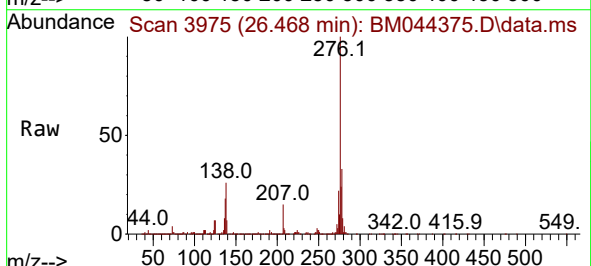
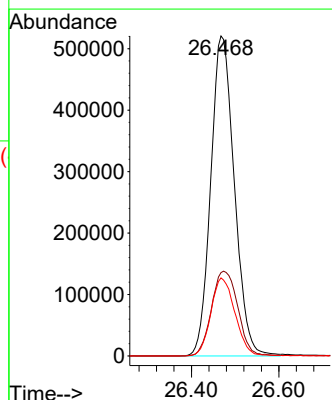
Tgt Ion:276 Resp: 1950291

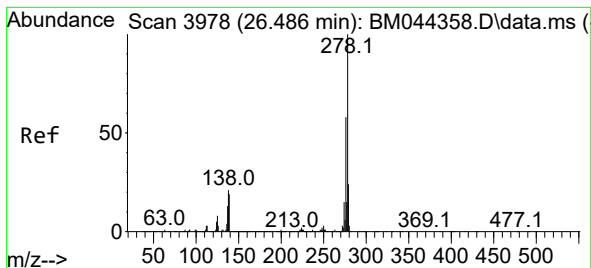
Ion Ratio Lower Upper

276 100

138 26.0 22.1 33.1

277 24.4 19.9 29.9





#95

Dibenzo(a,h)anthracene

Concen: 19.521 ng/ul

RT: 26.497 min Scan# 3978

Delta R.T. 0.023 min

Lab File: BM044375.D

Acq: 27 Feb 2024 20:46

Instrument :

BNA_M

ClientSampleId :

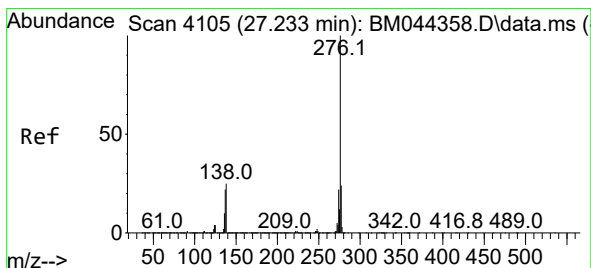
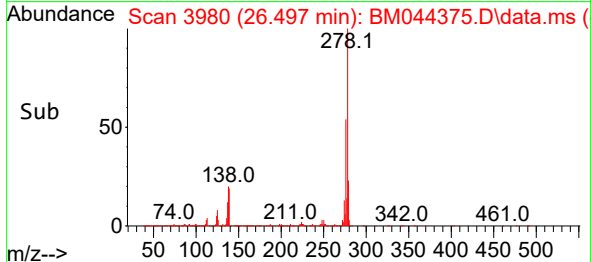
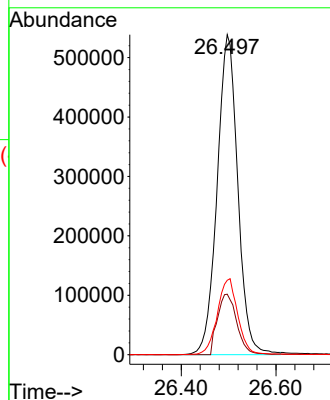
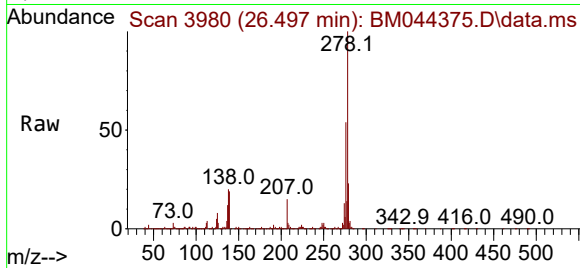
Tgt Ion:278 Resp: 1630840

Ion Ratio Lower Upper

278 100

139 18.9 14.9 22.3

279 23.3 19.5 29.3



#96

Benzo(g,h,i)perylene

Concen: 19.241 ng/ul

RT: 27.238 min Scan# 4106

Delta R.T. 0.023 min

Lab File: BM044375.D

Acq: 27 Feb 2024 20:46

Tgt Ion:276 Resp: 1555974

Ion Ratio Lower Upper

276 100

138 25.8 21.6 32.4

277 23.3 18.5 27.7

