

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022824\
 Data File : BM044458.D
 Acq On : 01 Mar 2024 03:02
 Operator : MA/JU
 Sample : P1501-03MS
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E10A0MS

Quant Time: Mar 01 04:17:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 01 01:46:17 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	206512	20.000	ng/ul	0.01
20) Naphthalene-d8	10.798	136	890898	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.627	164	534623	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.374	188	1073622	20.000	ng/ul	0.00
79) Chrysene-d12	21.562	240	929985	20.000	ng/ul	0.00
88) Perylene-d12	24.009	264	1011650	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	24291	3.711	ng/uL	0.00
4) Pyridine-d5	3.810	84	197379	11.042	ng/ul	0.01
7) Phenol-d5	7.151	99	144811	7.320	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	480487	37.506	ng/ul	0.01
11) 2-Chlorophenol-d4	7.516	132	446837	29.989	ng/ul	0.01
15) 4-Methylphenol-d8	8.710	113	264571	17.675	ng/ul	0.01
21) Nitrobenzene-d5	9.163	128	297019	41.004	ng/ul	0.00
24) 2-Nitrophenol-d4	9.886	143	307727	41.639	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.422	165	495270	37.991	ng/ul	0.01
31) 4-Chloroaniline-d4	10.951	131	699787	31.961	ng/ul	0.01
46) Dimethylphthalate-d6	14.057	166	1741062	42.225	ng/ul	0.01
49) Acenaphthylene-d8	14.321	160	1960779	41.332	ng/ul	0.00
54) 4-Nitrophenol-d4	14.833	143	63308	7.716	ng/ul	0.00
60) Fluorene-d10	15.621	176	1500421	42.993	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.745	200	295221	44.317	ng/ul	0.00
73) Anthracene-d10	17.474	188	2365266	46.204	ng/ul	0.00
81) Pyrene-d10	19.768	212	2683377	47.961	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.850	264	2500858	48.244	ng/ul	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.416	88	34064	4.937	ng/uL	97
5) Pyridine	3.828	79	216981	11.603	ng/ul	99
6) Benzaldehyde	7.134	77	376299	43.820	ng/ul	99
8) Phenol	7.181	94	157712	7.669	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.422	93	621227	36.092	ng/ul	100
12) 2-Chlorophenol	7.545	128	451718	29.304	ng/ul	98
13) 2-Methylphenol	8.440	108	315372	20.817	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.528	45	836688	35.553	ng/ul	97
16) Acetophenone	8.828	105	910606	38.077	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.816	70	464949	38.811	ng/ul	98
18) 4-Methylphenol	8.775	108	286089	17.727	ng/ul	99
19) Hexachloroethane	9.063	117	240960	36.847	ng/ul	97
22) Nitrobenzene	9.210	77	680779	38.861	ng/ul	99
23) Isophorone	9.739	82	1307218	38.502	ng/ul	100
25) 2-Nitrophenol	9.916	139	322191	39.308	ng/ul	97
26) 2,4-Dimethylphenol	9.981	107	358433	22.902	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.228	93	837457	37.942	ng/ul	99
29) 2,4-Dichlorophenol	10.451	162	472340	35.800	ng/ul	99
30) Naphthalene	10.851	128	1926423	38.020	ng/ul	100
32) 4-Chloroaniline	10.975	127	557228	26.117	ng/ul	99
33) Hexachlorobutadiene	11.128	225	300137	37.759	ng/ul	99
34) Caprolactam	11.769	113	19234	4.217	ng/ul	96
35) 4-Chloro-3-methylphenol	12.092	107	471757	33.562	ng/ul	98
36) 2-Methylnaphthalene	12.463	142	1257954	38.978	ng/ul	100

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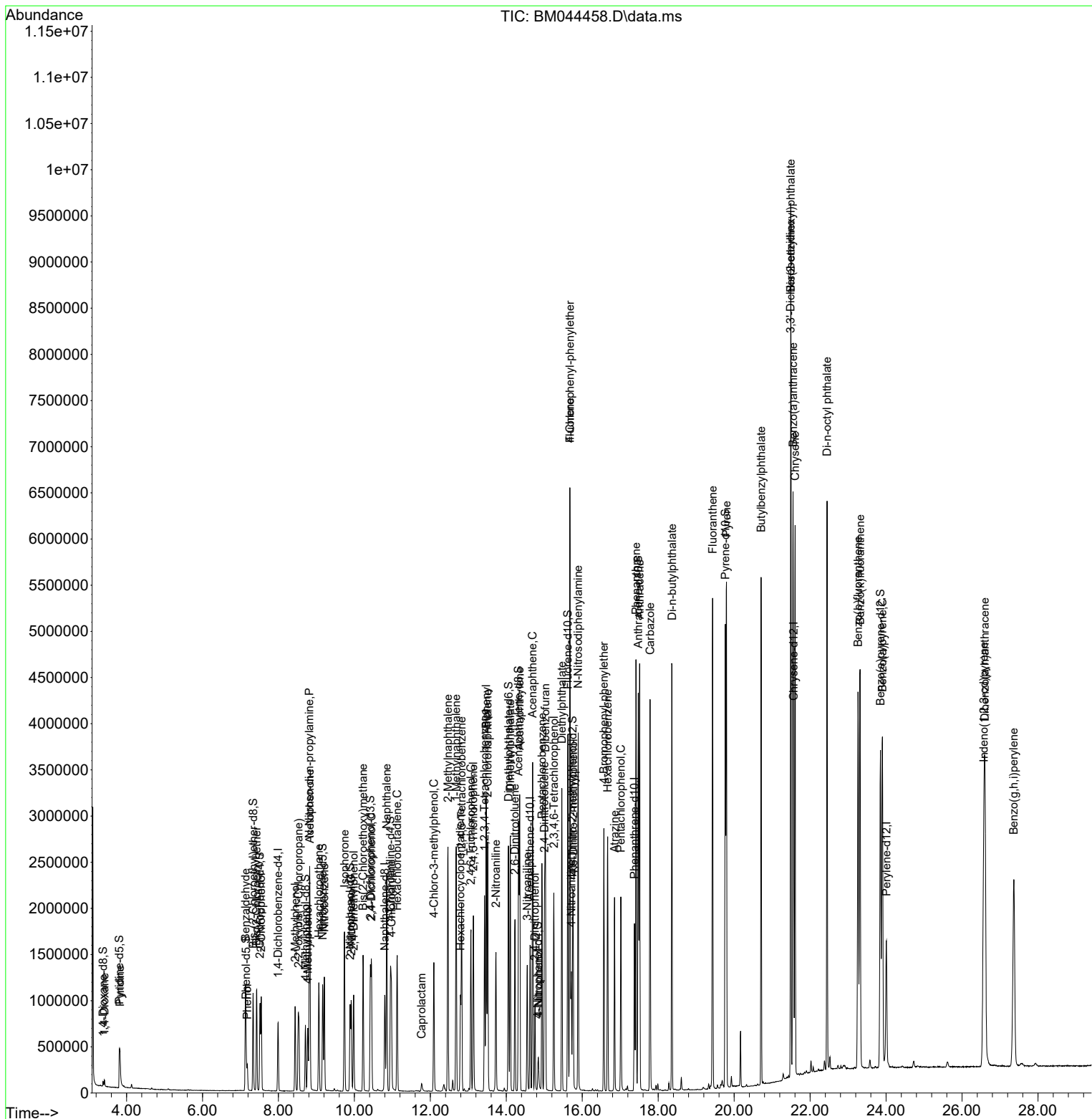
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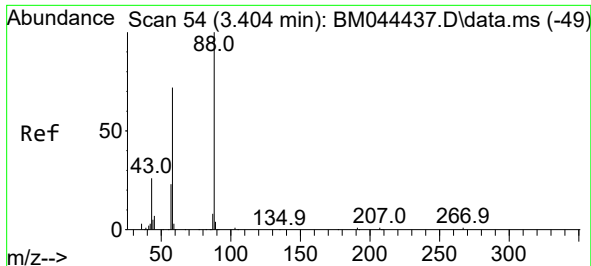
Quant Time: Mar 01 04:17:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 01 01:46:17 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.680	142	1243633	38.981	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.822	216	594343	37.554	ng/ul	98
40) Hexachlorocyclopentadiene	12.792	237	267618	25.133	ng/ul	99
41) 2,4,6-Trichlorophenol	13.069	196	391798	38.838	ng/ul	99
42) 2,4,5-Trichlorophenol	13.133	196	428849	39.324	ng/ul	98
43) 1,1'-Biphenyl	13.469	154	1605819	36.895	ng/ul	99
44) 2-Chloronaphthalene	13.510	162	1282346	37.628	ng/ul	99
45) 2-Nitroaniline	13.727	65	414631	43.944	ng/ul	97
47) Dimethylphthalate	14.104	163	1697147	40.273	ng/ul	99
48) 2,6-Dinitrotoluene	14.227	165	351957	44.659	ng/ul	97
50) Acenaphthylene	14.351	152	2164476	38.520	ng/ul	99
51) 3-Nitroaniline	14.551	138	349565	42.044	ng/ul	94
52) Acenaphthene	14.692	153	1416375	38.182	ng/ul	99
53) 2,4-Dinitrophenol	14.757	184	175477	35.882	ng/ul	97
55) 4-Nitrophenol	14.851	109	45337	8.044	ng/ul	96
56) Dibenzofuran	15.027	168	1943273	39.023	ng/ul	100
57) 2,4-Dinitrotoluene	15.004	165	519733	45.904	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.251	232	372611	42.456	ng/ul	98
59) Diethylphthalate	15.463	149	1832542	42.245	ng/ul	99
61) Fluorene	15.674	166	1625940	40.652	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.674	204	765893	40.632	ng/ul	99
63) 4-Nitroaniline	15.710	138	378564	47.076	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.763	198	297881	40.877	ng/ul	99
67) N-Nitrosodiphenylamine	15.892	169	1402690	43.113	ng/ul	99
68) 4-Bromophenyl-phenylether	16.568	248	475288	44.556	ng/ul	97
69) Hexachlorobenzene	16.668	284	536369	43.932	ng/ul	98
70) Atrazine	16.851	200	326813	30.664	ng/ul	98
71) Pentachlorophenol	17.015	266	321734	39.987	ng/ul	98
72) Phenanthrene	17.415	178	2663393	43.244	ng/ul	100
74) Anthracene	17.509	178	2693068	43.429	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.427	216	593818	39.512	ng/ul	100
76) Pentachlorobenzene	14.939	250	592917	41.327	ng/ul	99
77) Carbazole	17.786	167	2541698	43.590	ng/ul	100
78) Di-n-butylphthalate	18.362	149	3460467	46.873	ng/ul	100
80) Fluoranthene	19.433	202	3073065	45.797	ng/ul	98
82) Pyrene	19.798	202	3159450	44.897	ng/ul	98
83) Butylbenzylphthalate	20.709	149	1586717	50.200	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.486	252	843682	40.558	ng/ul	100
85) Benzo(a)anthracene	21.550	228	3102128	44.725	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.492	149	2441844	50.460	ng/ul	100
87) Chrysene	21.603	228	2873563	44.075	ng/ul	100
89) Di-n-octyl phthalate	22.444	149	4263445	49.188	ng/ul	100
90) Benzo(b)fluoranthene	23.262	252	3017523	46.527	ng/ul	99
91) Benzo(k)fluoranthene	23.315	252	3027415	45.449	ng/ul	100
93) Benzo(a)pyrene	23.903	252	2828852	45.241	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.574	276	3403729	45.013	ng/ul	98
95) Dibenzo(a,h)anthracene	26.603	278	2849524	45.095	ng/ul	98
96) Benzo(g,h,i)perylene	27.362	276	2725398	44.557	ng/ul	99

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

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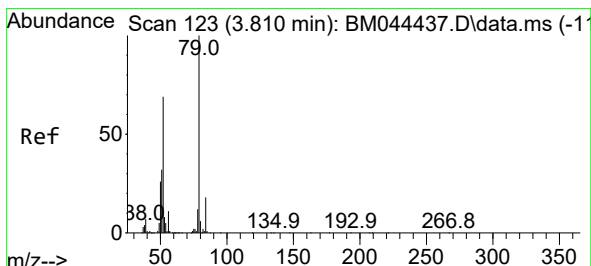
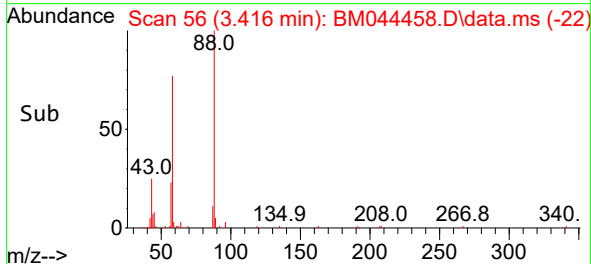
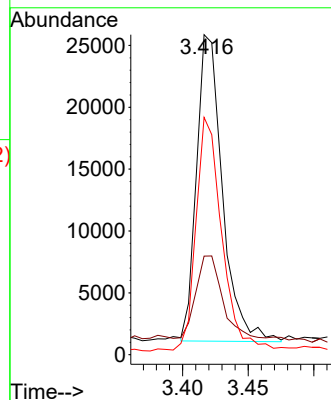
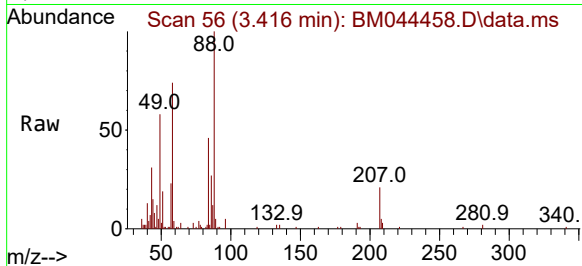




#2
1,4-Dioxane
Concen: 4.937 ng/uL
RT: 3.416 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM044458.D
Acq: 01 Mar 2024 03:02

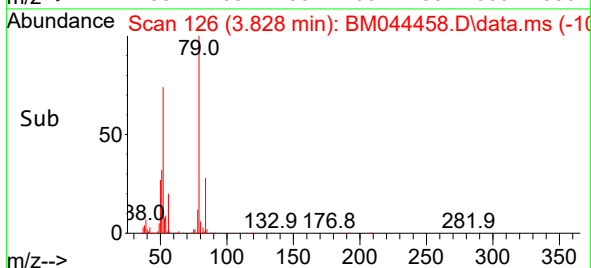
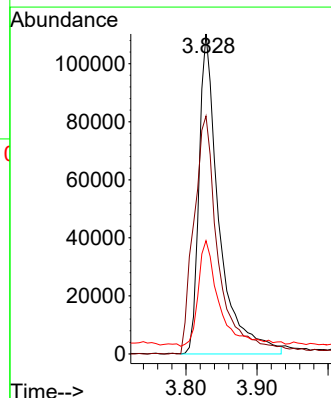
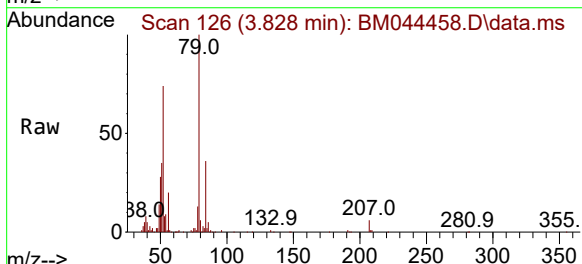
Instrument :
BNA_M
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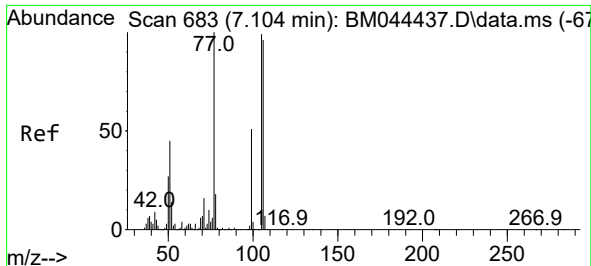
Tgt Ion: 88 Resp: 34064
Ion Ratio Lower Upper
88 100
43 30.8 21.2 31.8
58 74.1 58.3 87.5



#5
Pyridine
Concen: 11.603 ng/uL
RT: 3.828 min Scan# 126
Delta R.T. 0.006 min
Lab File: BM044458.D
Acq: 01 Mar 2024 03:02

Tgt Ion: 79 Resp: 216981
Ion Ratio Lower Upper
79 100
52 74.4 58.9 88.3
51 35.4 27.8 41.8

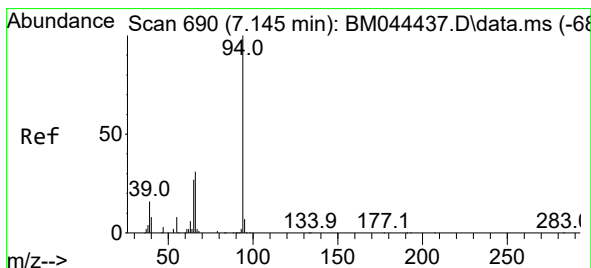
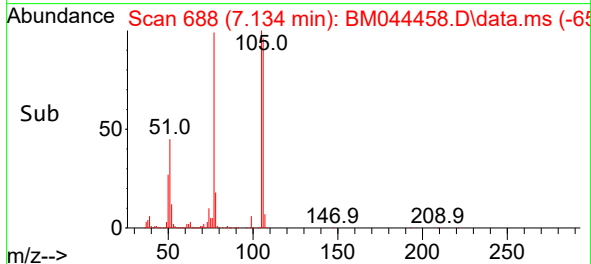
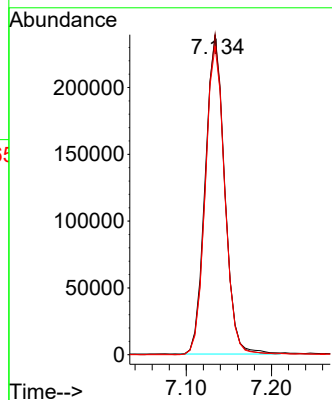
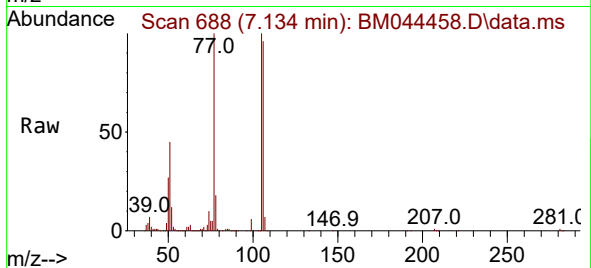




#6
Benzaldehyde
Concen: 43.820 ng/ul
RT: 7.134 min Scan# 688
Delta R.T. 0.006 min
Lab File: BM044458.D
Acq: 01 Mar 2024 03:02

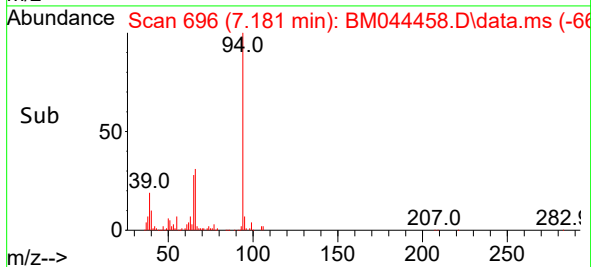
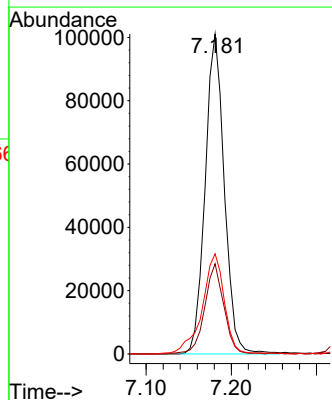
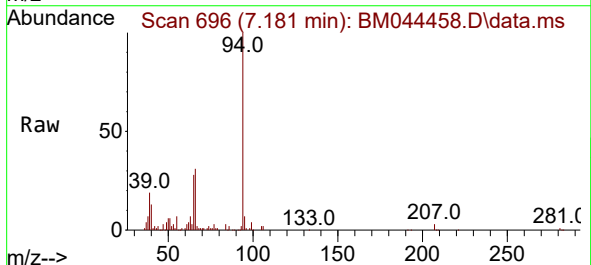
Instrument :
BNA_M
ClientSampleId :
E10A0MS

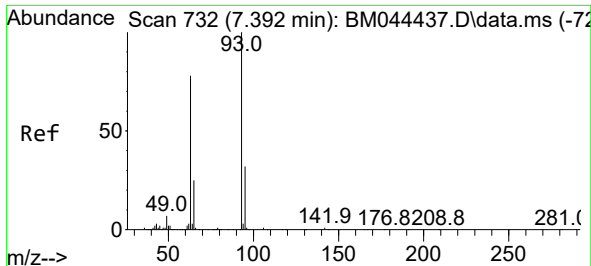
Tgt Ion: 77 Resp: 376299
Ion Ratio Lower Upper
77 100
105 100.5 79.0 118.6
106 96.8 77.4 116.2



#8
Phenol
Concen: 7.669 ng/ul
RT: 7.181 min Scan# 696
Delta R.T. 0.012 min
Lab File: BM044458.D
Acq: 01 Mar 2024 03:02

Tgt Ion: 94 Resp: 157712
Ion Ratio Lower Upper
94 100
65 28.2 20.6 31.0
66 31.3 25.4 38.0

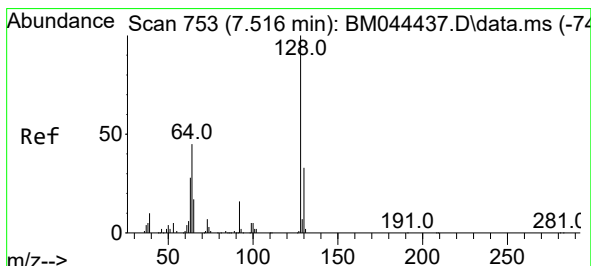
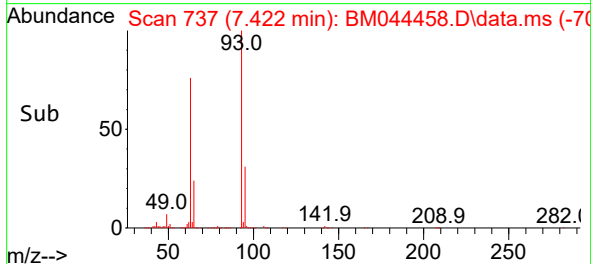
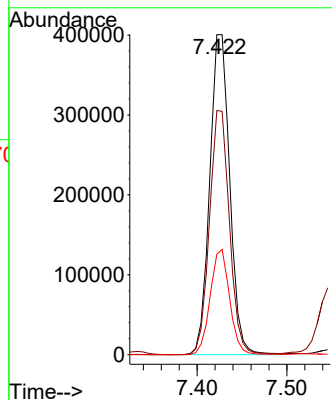
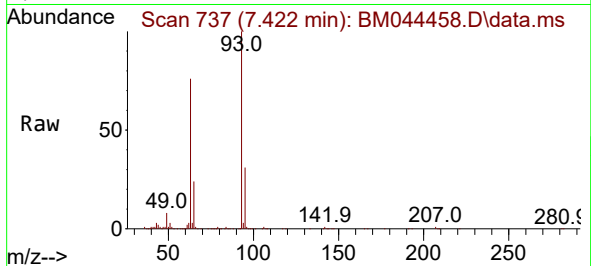




#10
Bis(2-Chloroethyl)ether
Concen: 36.092 ng/ul
RT: 7.422 min Scan# 71
Delta R.T. 0.006 min
Lab File: BM044458.D
Acq: 01 Mar 2024 03:02

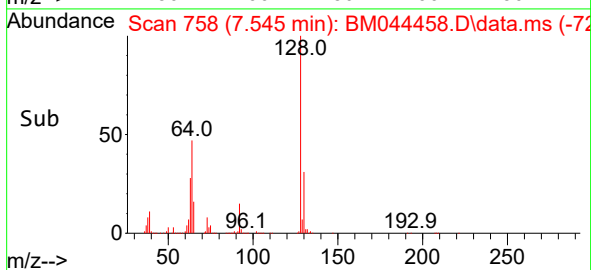
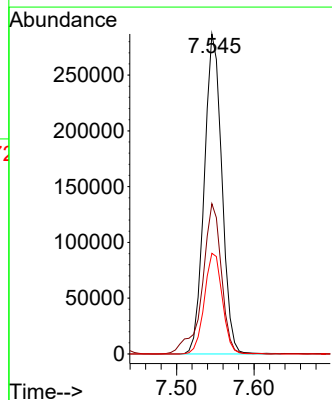
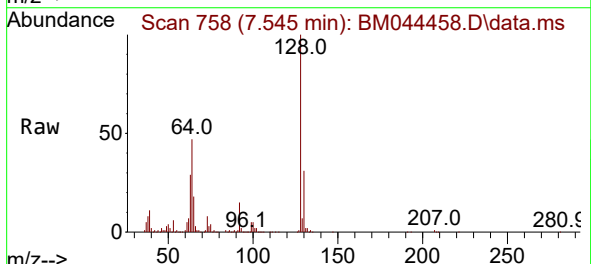
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BNA_M
ClientSampleId :
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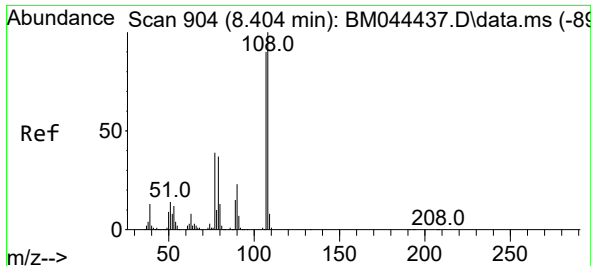
Tgt Ion: 93 Resp: 621227
Ion Ratio Lower Upper
93 100
63 76.3 61.0 91.6
95 31.4 25.1 37.7



#12
2-Chlorophenol
Concen: 29.304 ng/ul
RT: 7.545 min Scan# 758
Delta R.T. 0.006 min
Lab File: BM044458.D
Acq: 01 Mar 2024 03:02

Tgt Ion:128 Resp: 451718
Ion Ratio Lower Upper
128 100
64 46.9 39.0 58.6
130 31.5 25.4 38.0





#13

2-Methylphenol

Concen: 20.817 ng/ul

RT: 8.440 min Scan# 910

Delta R.T. 0.012 min

Lab File: BM044458.D

Acq: 01 Mar 2024 03:02

Instrument :

BNA_M

ClientSampleId :

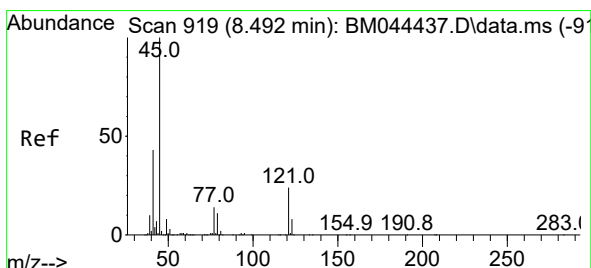
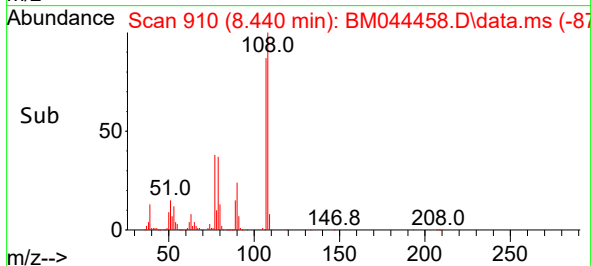
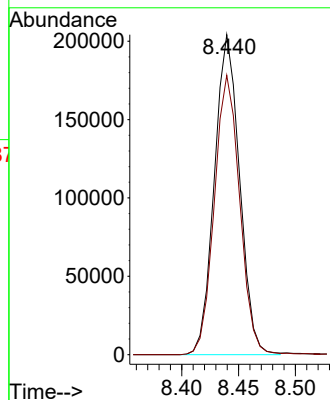
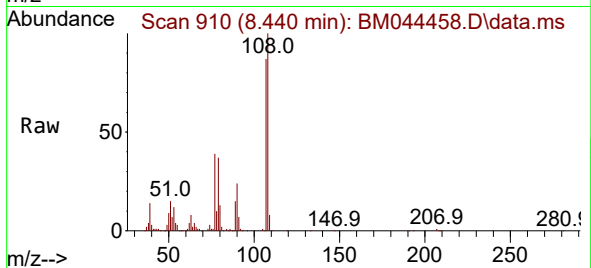
E10A0MS

Tgt Ion:108 Resp: 315372

Ion Ratio Lower Upper

108 100

107 87.3 70.6 105.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 35.553 ng/ul

RT: 8.528 min Scan# 925

Delta R.T. 0.012 min

Lab File: BM044458.D

Acq: 01 Mar 2024 03:02

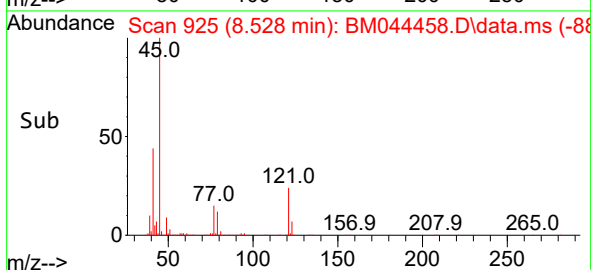
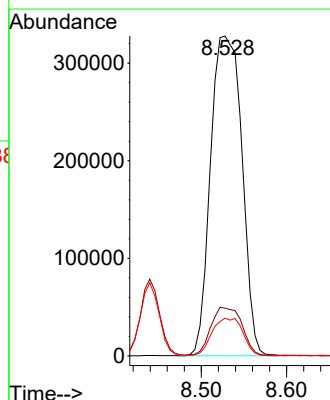
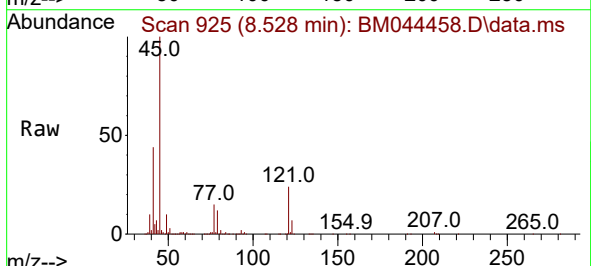
Tgt Ion: 45 Resp: 836688

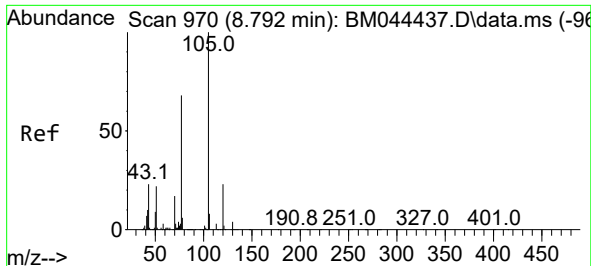
Ion Ratio Lower Upper

45 100

77 14.9 11.3 16.9

79 11.8 8.5 12.7

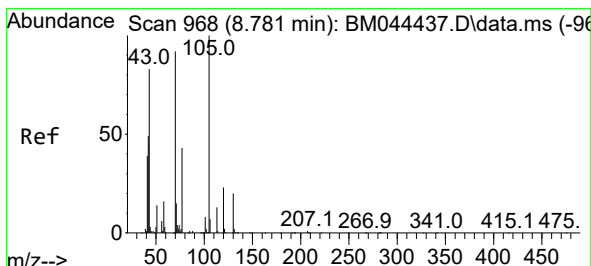
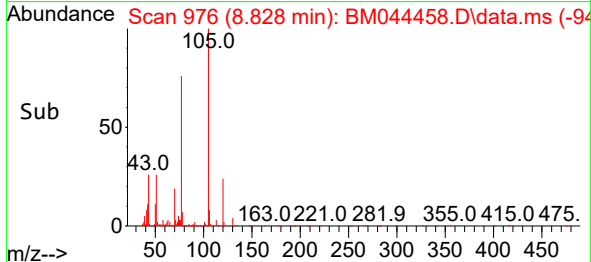
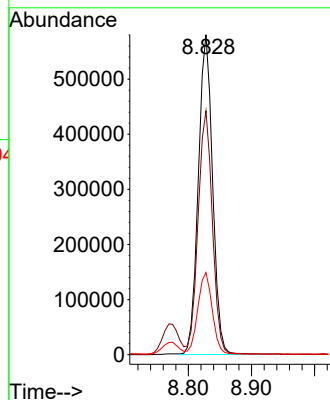
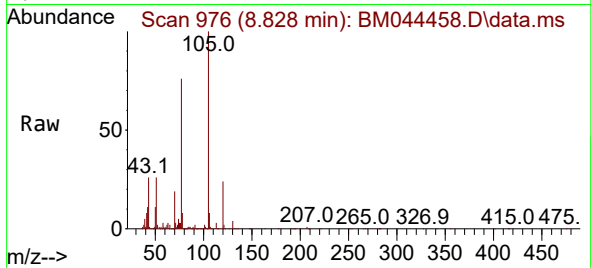




#16
Acetophenone
Concen: 38.077 ng/ul
RT: 8.828 min Scan# 91
Delta R.T. 0.012 min
Lab File: BM044458.D
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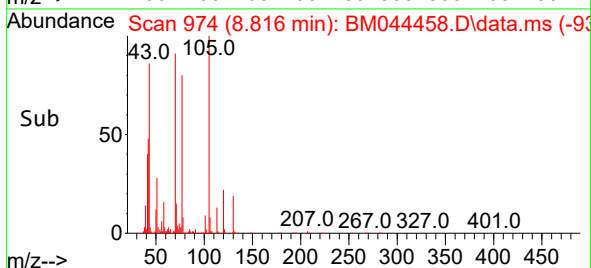
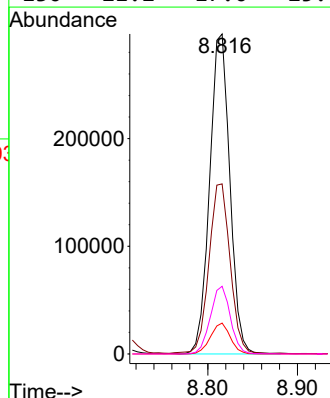
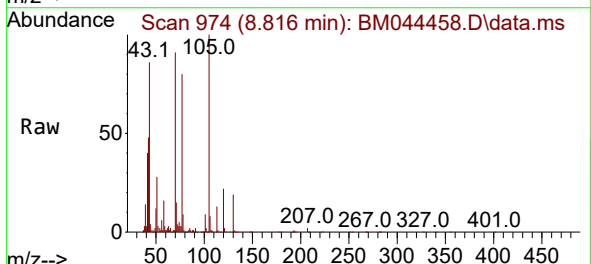
Instrument :
BNA_M
ClientSampleId :
E10A0MS

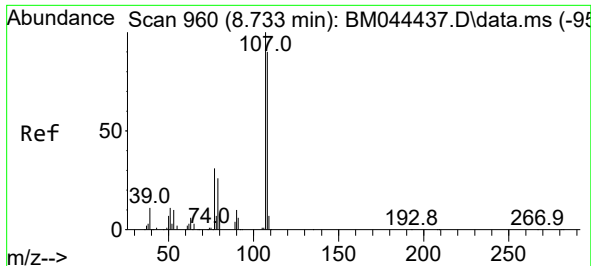
Tgt Ion:105 Resp: 910606
Ion Ratio Lower Upper
105 100
77 76.2 61.2 91.8
51 25.7 21.1 31.7



#17
N-Nitroso-di-n-propylamine
Concen: 38.811 ng/ul
RT: 8.816 min Scan# 974
Delta R.T. 0.012 min
Lab File: BM044458.D
Acq: 01 Mar 2024 03:02

Tgt Ion: 70 Resp: 464949
Ion Ratio Lower Upper
70 100
42 53.2 44.4 66.6
101 9.6 7.5 11.3
130 21.2 17.0 25.4

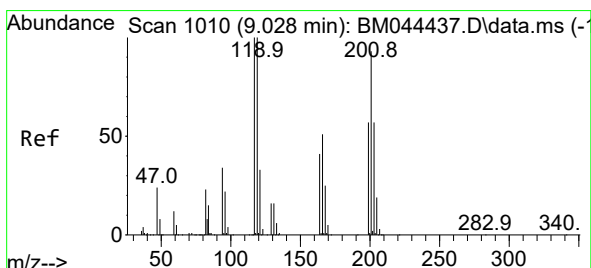
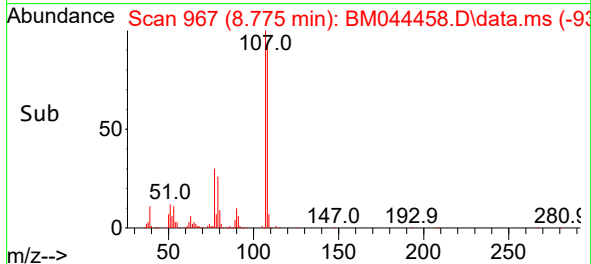
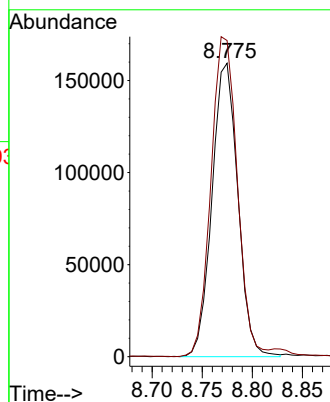
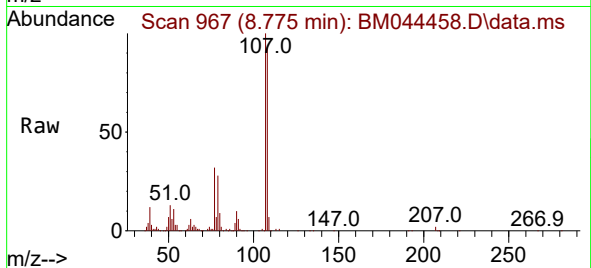




#18
4-Methylphenol
Concen: 17.727 ng/ul
RT: 8.775 min Scan# 967
Delta R.T. 0.012 min
Lab File: BM044458.D
Acq: 01 Mar 2024 03:02

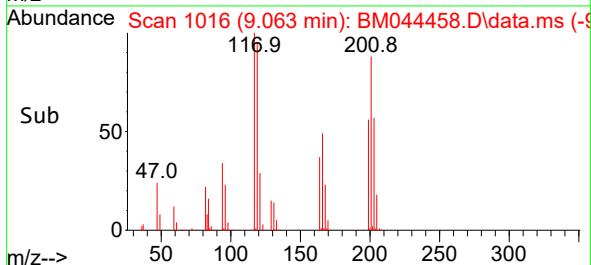
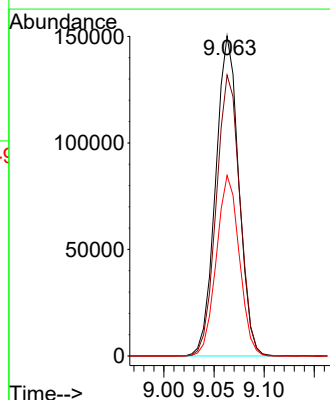
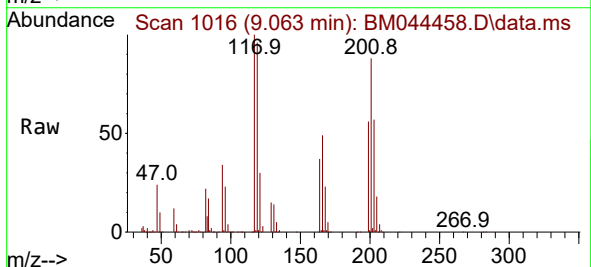
Instrument :
BNA_M
ClientSampleId :
E10A0MS

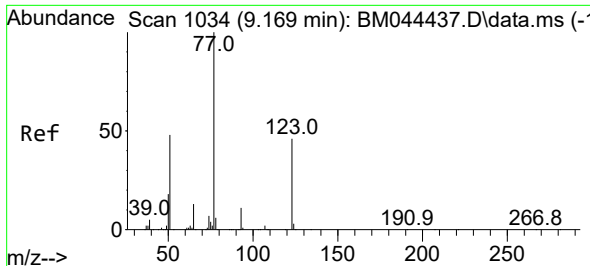
Tgt Ion:108 Resp: 286089
Ion Ratio Lower Upper
108 100
107 107.8 86.8 130.2



#19
Hexachloroethane
Concen: 36.847 ng/ul
RT: 9.063 min Scan# 1016
Delta R.T. 0.012 min
Lab File: BM044458.D
Acq: 01 Mar 2024 03:02

Tgt Ion:117 Resp: 240960
Ion Ratio Lower Upper
117 100
201 87.8 69.8 104.6
199 56.4 40.8 61.2

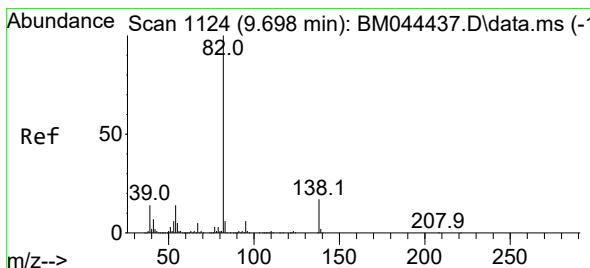
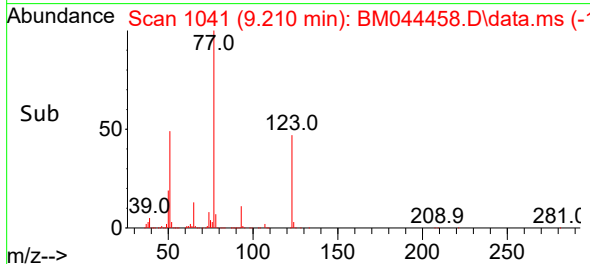
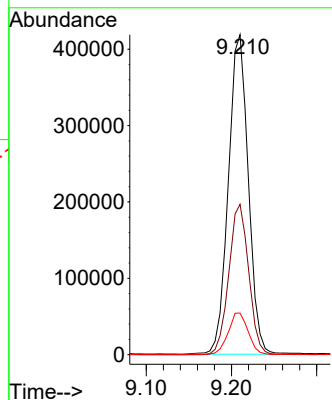
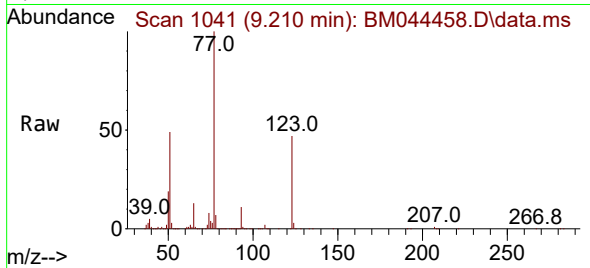




#22
Nitrobenzene
Concen: 38.861 ng/ul
RT: 9.210 min Scan# 1034
Delta R.T. 0.012 min
Lab File: BM044458.D
Acq: 01 Mar 2024 03:02

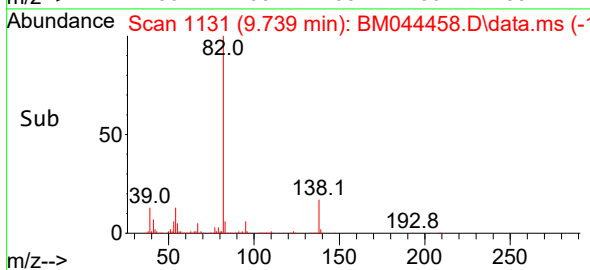
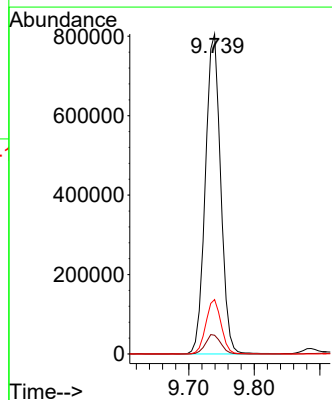
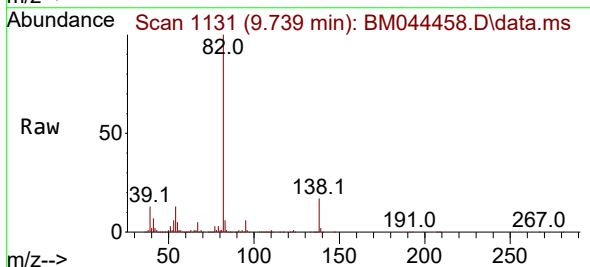
Instrument :
BNA_M
ClientSampleId :
E10A0MS

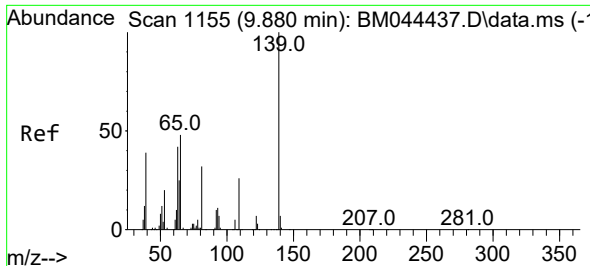
Tgt Ion: 77 Resp: 680779
Ion Ratio Lower Upper
77 100
123 47.0 36.9 55.3
65 13.0 10.2 15.2



#23
Isophorone
Concen: 38.502 ng/ul
RT: 9.739 min Scan# 1131
Delta R.T. 0.012 min
Lab File: BM044458.D
Acq: 01 Mar 2024 03:02

Tgt Ion: 82 Resp: 1307218
Ion Ratio Lower Upper
82 100
95 5.9 4.6 7.0
138 17.0 13.5 20.3

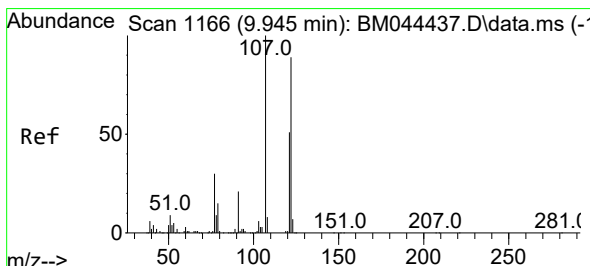
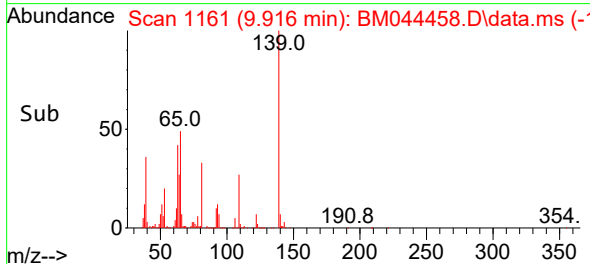
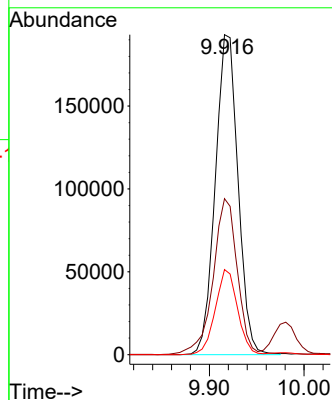
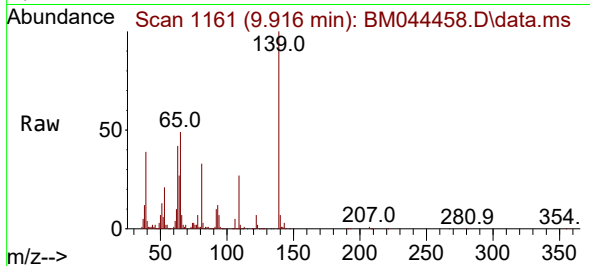




#25
2-Nitrophenol
Concen: 39.308 ng/ul
RT: 9.916 min Scan# 1155
Delta R.T. 0.006 min
Lab File: BM044458.D
Acq: 01 Mar 2024 03:02

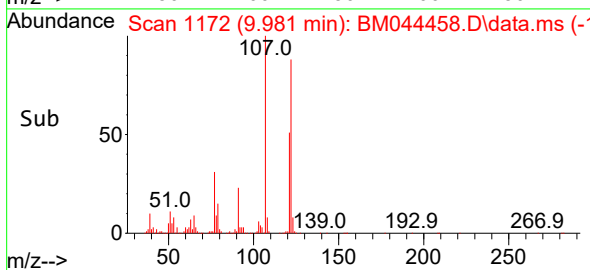
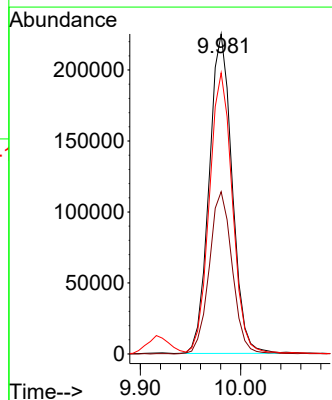
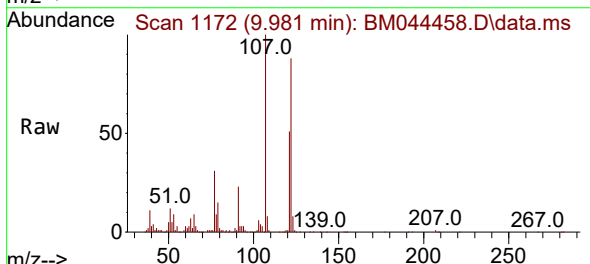
Instrument :
BNA_M
ClientSampleId :
E10A0MS

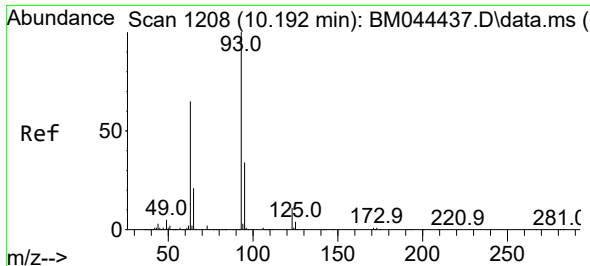
Tgt Ion:139 Resp: 322191
Ion Ratio Lower Upper
139 100
65 48.8 41.0 61.4
109 26.6 20.5 30.7



#26
2,4-Dimethylphenol
Concen: 22.902 ng/ul
RT: 9.981 min Scan# 1172
Delta R.T. 0.012 min
Lab File: BM044458.D
Acq: 01 Mar 2024 03:02

Tgt Ion:107 Resp: 358433
Ion Ratio Lower Upper
107 100
121 50.7 41.1 61.7
122 87.9 72.3 108.5

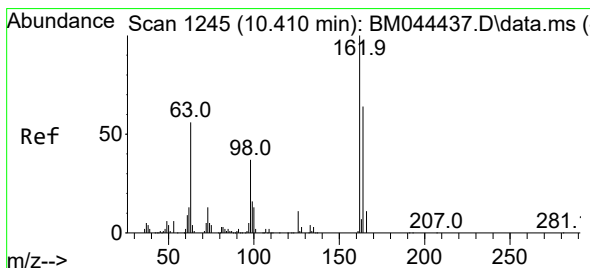
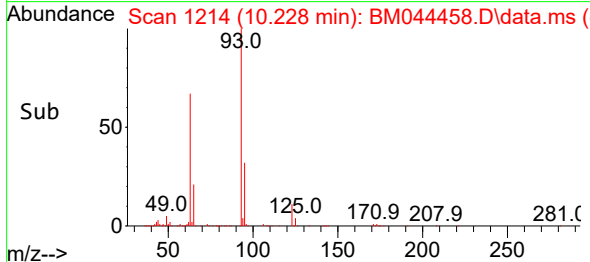
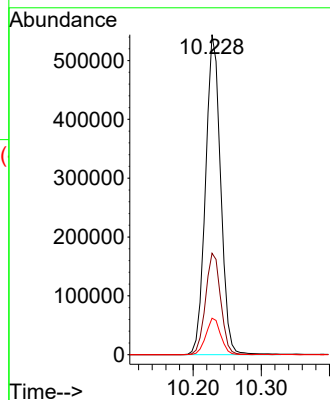
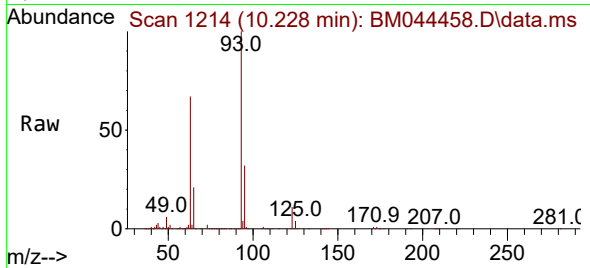




#27
 Bis(2-Chloroethoxy)methane
 Concen: 37.942 ng/ul
 RT: 10.228 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BM044458.D
 Acq: 01 Mar 2024 03:02

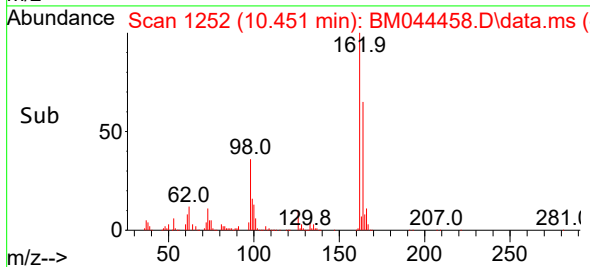
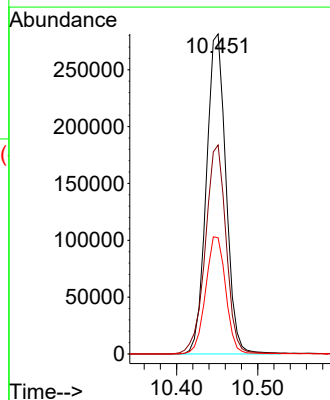
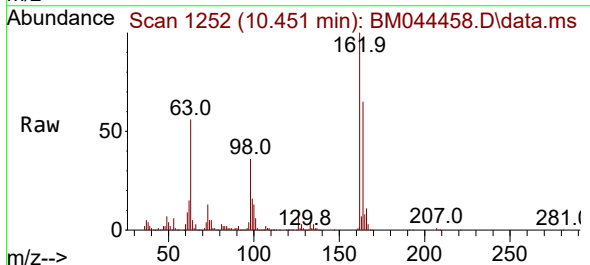
Instrument :
 BNA_M
 ClientSampleId :
 E10A0MS

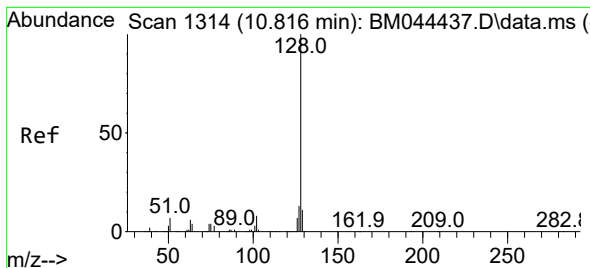
Tgt Ion: 93 Resp: 837457
 Ion Ratio Lower Upper
 93 100
 95 31.7 26.0 39.0
 123 11.4 9.0 13.6



#29
 2,4-Dichlorophenol
 Concen: 35.800 ng/ul
 RT: 10.451 min Scan# 1252
 Delta R.T. 0.012 min
 Lab File: BM044458.D
 Acq: 01 Mar 2024 03:02

Tgt Ion:162 Resp: 472340
 Ion Ratio Lower Upper
 162 100
 164 65.3 51.8 77.8
 98 36.3 29.6 44.4

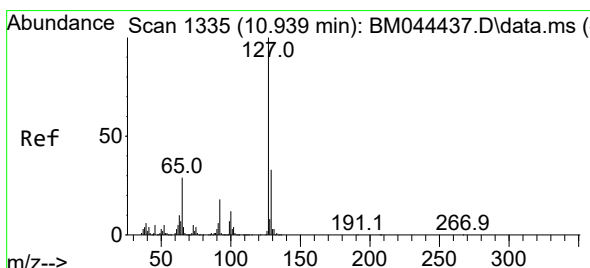
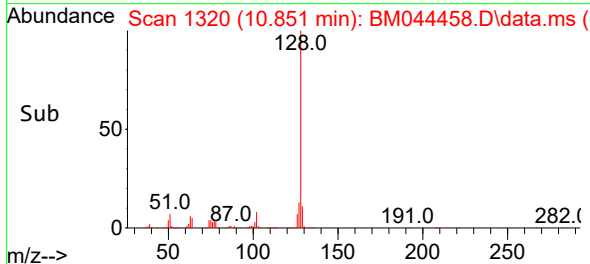
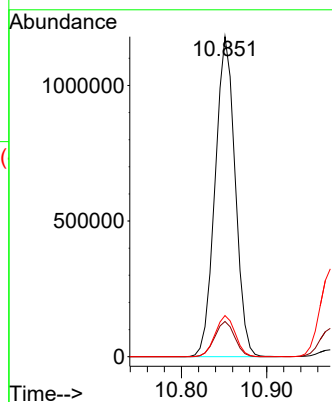
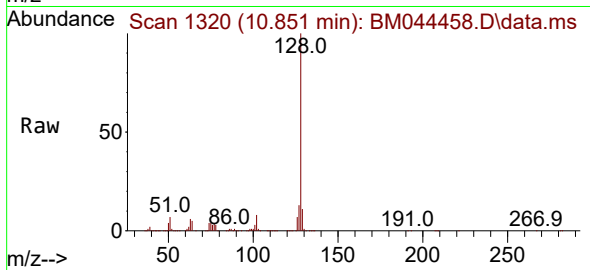




#30
Naphthalene
Concen: 38.020 ng/ul
RT: 10.851 min Scan# 1314
Delta R.T. 0.012 min
Lab File: BM044458.D
Acq: 01 Mar 2024 03:02

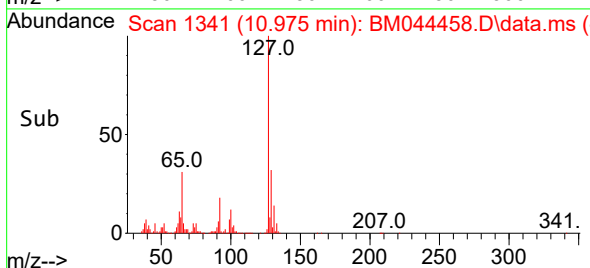
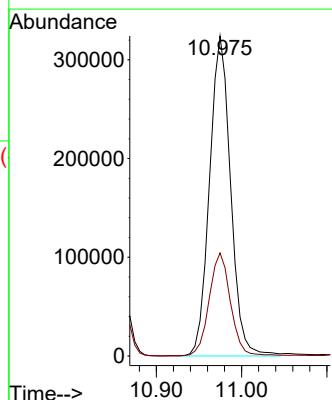
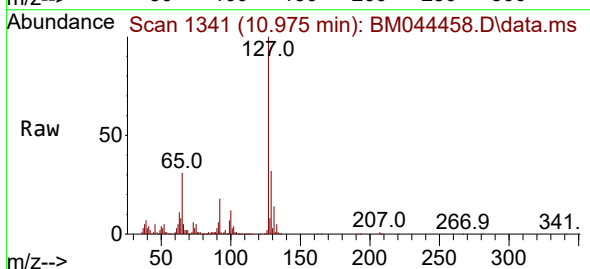
Instrument :
BNA_M
ClientSampleId :
E10A0MS

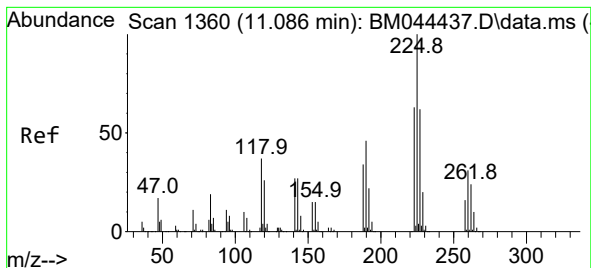
Tgt Ion:128 Resp: 1926423
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.9 10.2 15.2



#32
4-Chloroaniline
Concen: 26.117 ng/ul
RT: 10.975 min Scan# 1341
Delta R.T. 0.012 min
Lab File: BM044458.D
Acq: 01 Mar 2024 03:02

Tgt Ion:127 Resp: 557228
Ion Ratio Lower Upper
127 100
129 32.2 25.3 37.9





#33

Hexachlorobutadiene

Concen: 37.759 ng/ul

RT: 11.128 min Scan# 1

Delta R.T. 0.012 min

Lab File: BM044458.D

Acq: 01 Mar 2024 03:02

Instrument :

BNA_M

ClientSampleId :

E10A0MS

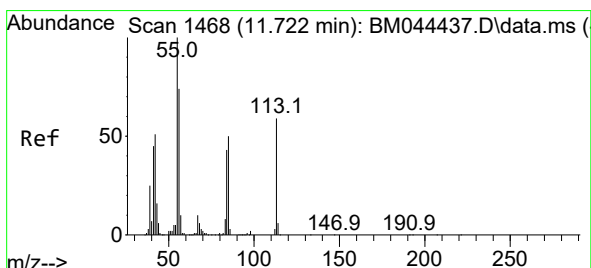
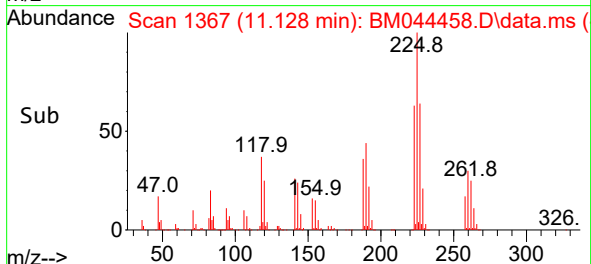
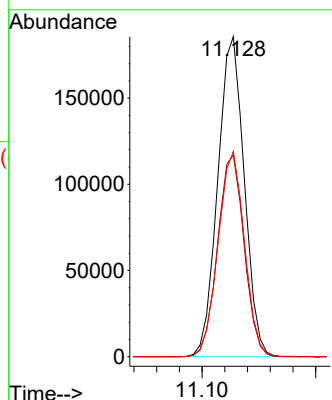
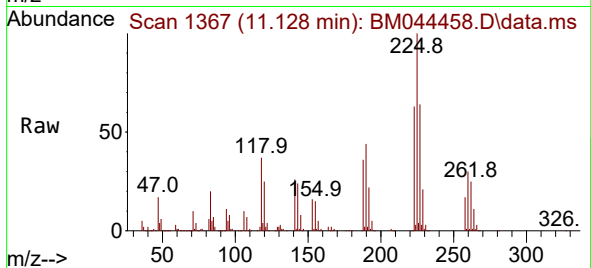
Tgt Ion:225 Resp: 300137

Ion Ratio Lower Upper

225 100

223 63.0 49.7 74.5

227 64.1 52.2 78.2



#34

Caprolactam

Concen: 4.217 ng/ul

RT: 11.769 min Scan# 1476

Delta R.T. 0.023 min

Lab File: BM044458.D

Acq: 01 Mar 2024 03:02

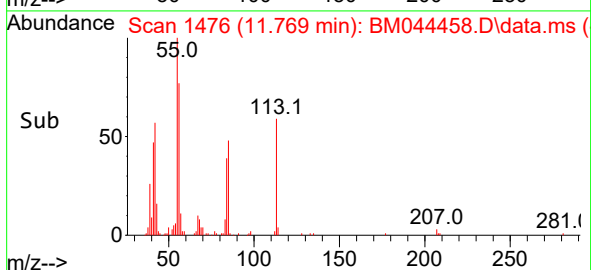
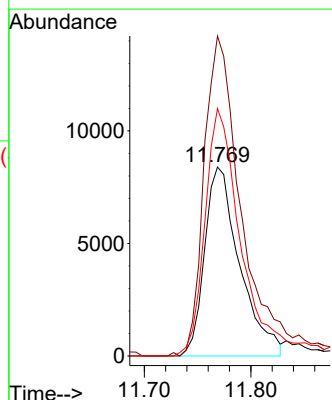
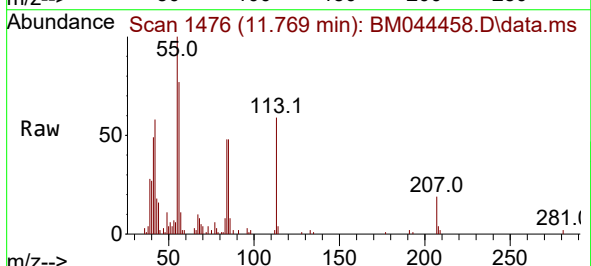
Tgt Ion:113 Resp: 19234

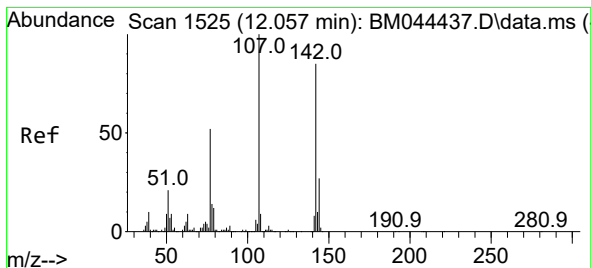
Ion Ratio Lower Upper

113 100

55 169.3 140.7 211.1

56 131.0 102.4 153.6

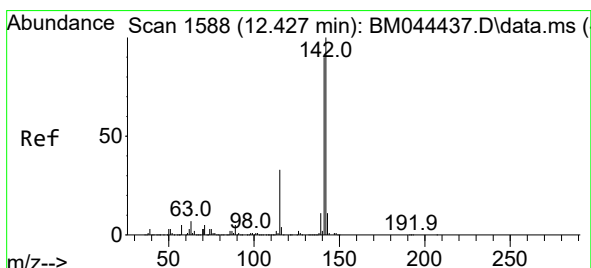
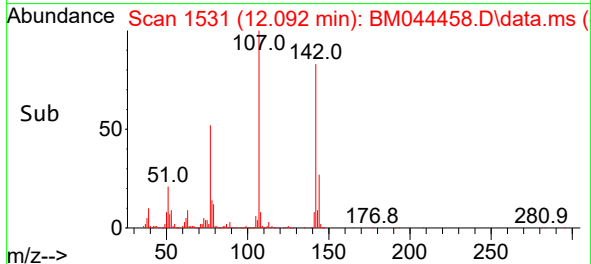
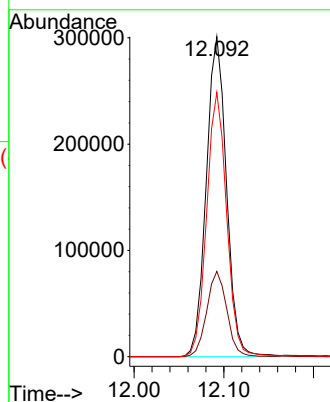
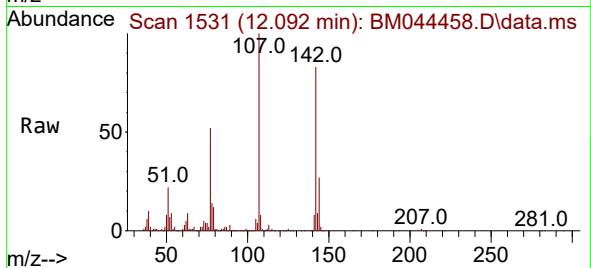




#35
4-Chloro-3-methylphenol
Concen: 33.562 ng/ul
RT: 12.092 min Scan# 1531
Delta R.T. 0.006 min
Lab File: BM044458.D
Acq: 01 Mar 2024 03:02

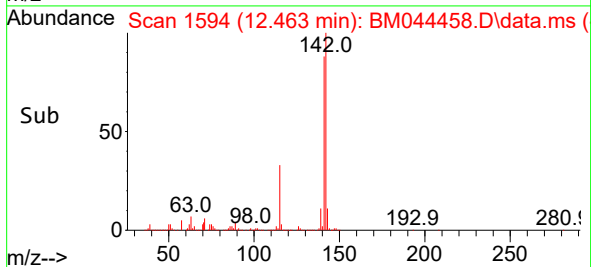
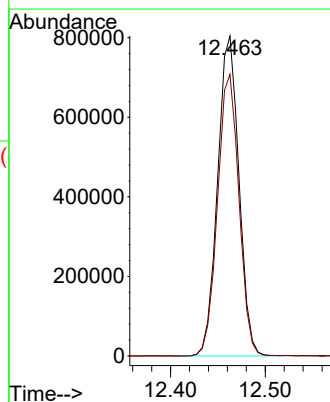
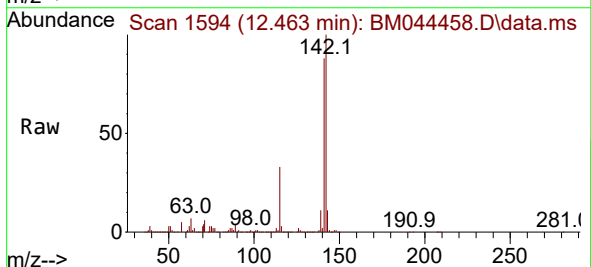
Instrument :
BNA_M
ClientSampleId :
E10A0MS

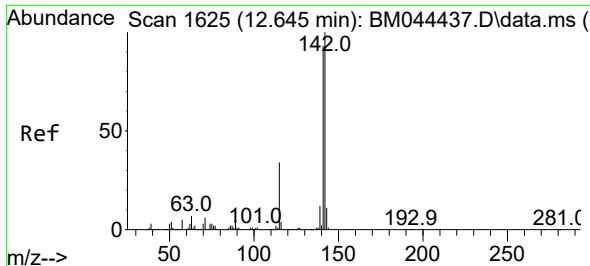
Tgt Ion:107 Resp: 471757
Ion Ratio Lower Upper
107 100
144 26.6 20.6 30.8
142 82.6 64.3 96.5



#36
2-Methylnaphthalene
Concen: 38.978 ng/ul
RT: 12.463 min Scan# 1594
Delta R.T. 0.012 min
Lab File: BM044458.D
Acq: 01 Mar 2024 03:02

Tgt Ion:142 Resp: 1257954
Ion Ratio Lower Upper
142 100
141 88.0 70.5 105.7





#37

1-Methylnaphthalene

Concen: 38.981 ng/ul

RT: 12.680 min Scan# 1

Delta R.T. 0.012 min

Lab File: BM044458.D

Acq: 01 Mar 2024 03:02

Instrument :

BNA_M

ClientSampleId :

E10A0MS

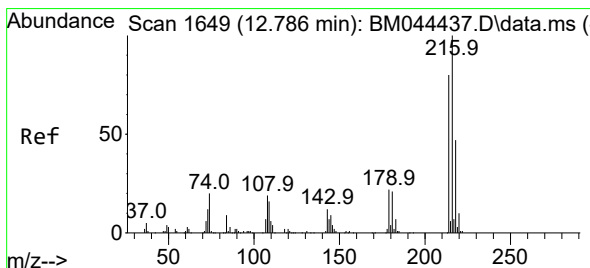
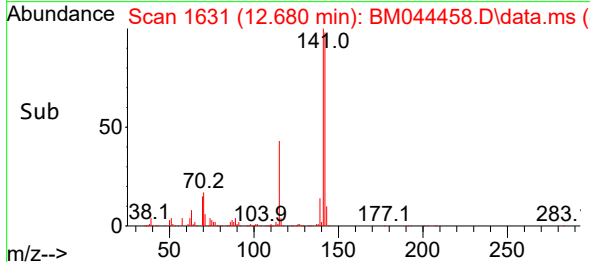
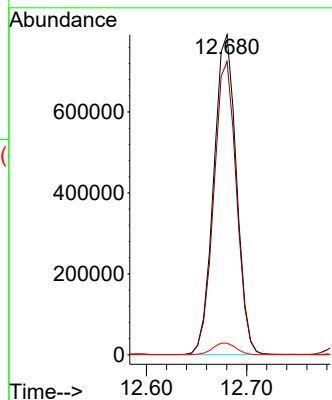
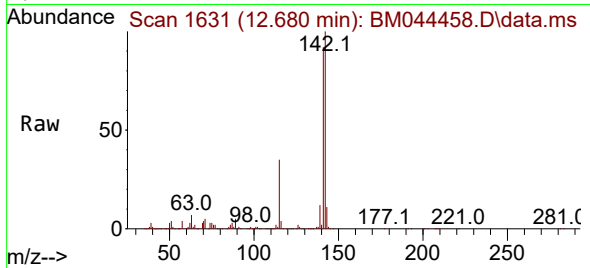
Tgt Ion:142 Resp: 1243633

Ion Ratio Lower Upper

142 100

141 91.6 73.0 109.4

116 3.6 2.7 4.1



#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.554 ng/ul

RT: 12.822 min Scan# 1655

Delta R.T. 0.006 min

Lab File: BM044458.D

Acq: 01 Mar 2024 03:02

Tgt Ion:216 Resp: 594343

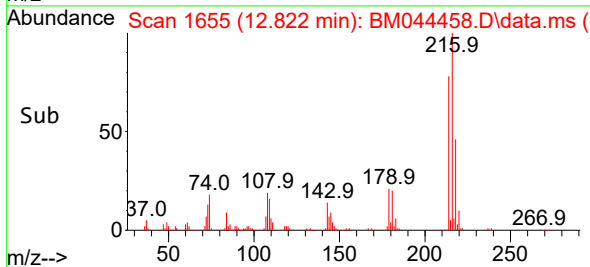
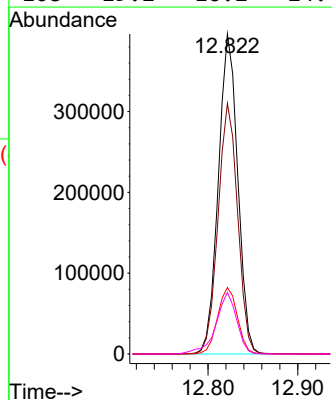
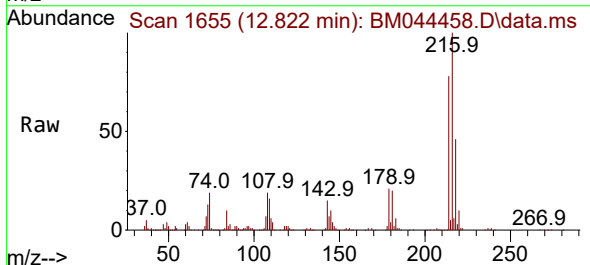
Ion Ratio Lower Upper

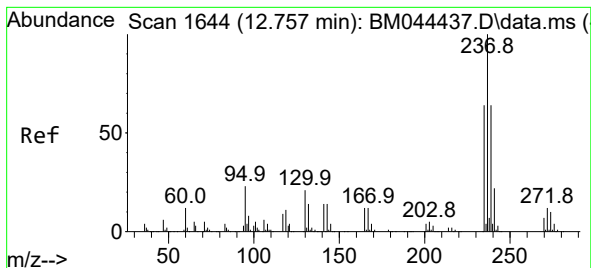
216 100

214 78.3 63.9 95.9

179 20.8 17.5 26.3

108 19.2 16.2 24.4





#40

Hexachlorocyclopentadiene

Concen: 25.133 ng/ul

RT: 12.792 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM044458.D

Acq: 01 Mar 2024 03:02

Instrument :

BNA_M

ClientSampleId :

E10A0MS

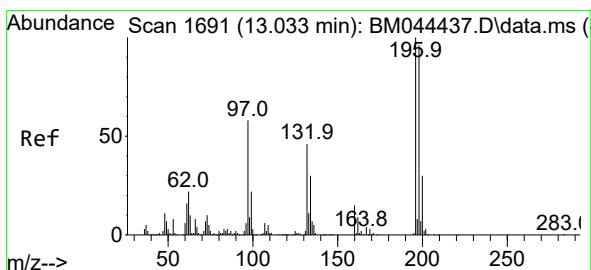
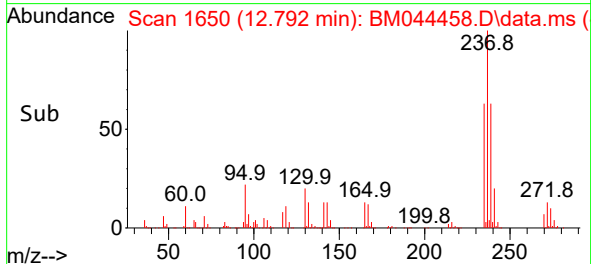
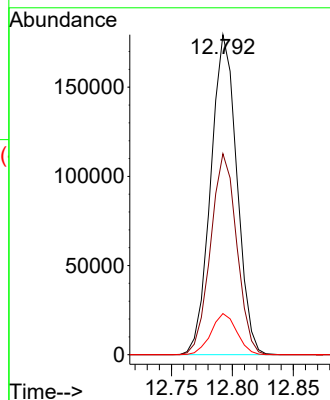
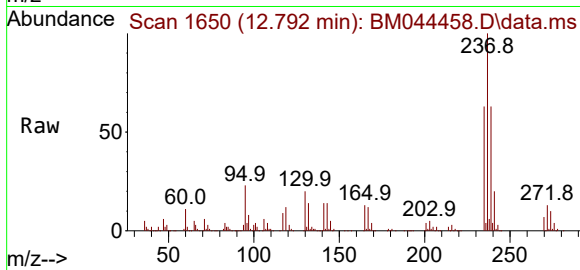
Tgt Ion:237 Resp: 267618

Ion Ratio Lower Upper

237 100

235 62.8 49.4 74.2

272 13.6 10.6 16.0



#41

2,4,6-Trichlorophenol

Concen: 38.838 ng/ul

RT: 13.069 min Scan# 1697

Delta R.T. 0.012 min

Lab File: BM044458.D

Acq: 01 Mar 2024 03:02

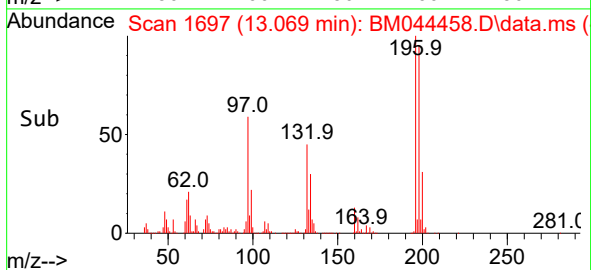
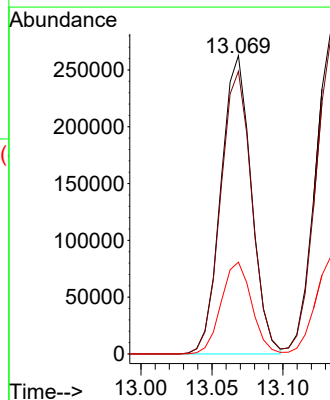
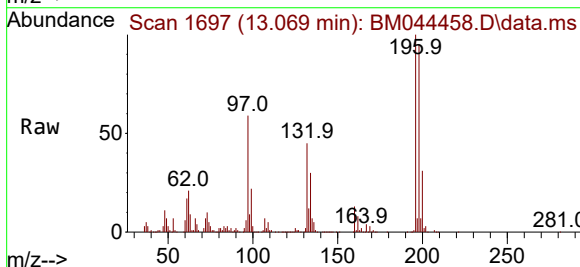
Tgt Ion:196 Resp: 391798

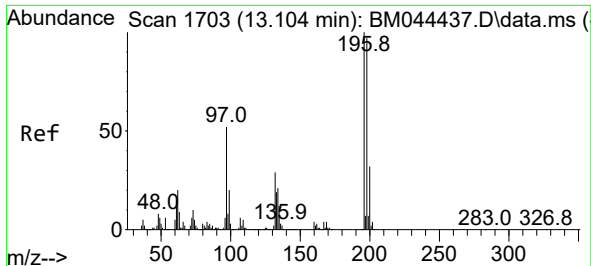
Ion Ratio Lower Upper

196 100

198 94.7 76.1 114.1

200 30.8 25.1 37.7

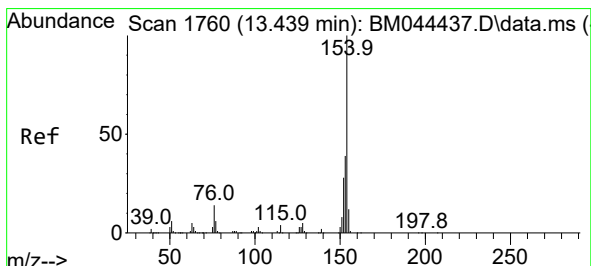
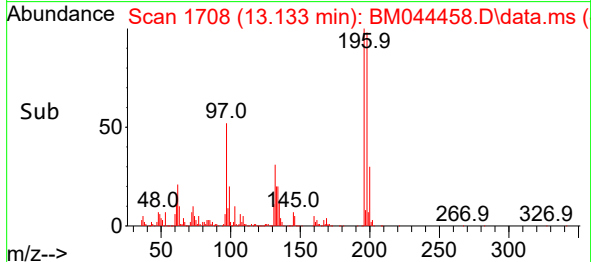
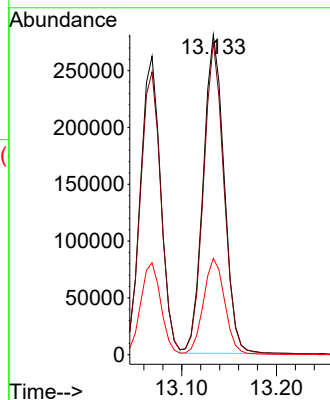
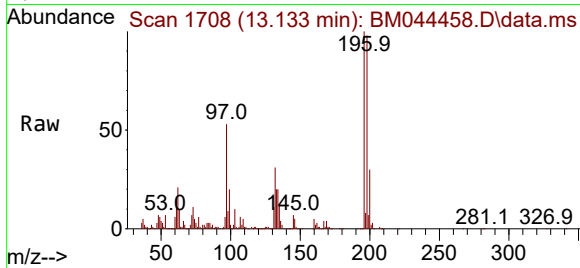




#42
2,4,5-Trichlorophenol
Concen: 39.324 ng/ul
RT: 13.133 min Scan# 1708
Delta R.T. 0.006 min
Lab File: BM044458.D
Acq: 01 Mar 2024 03:02

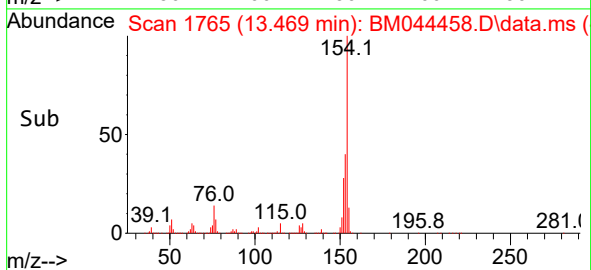
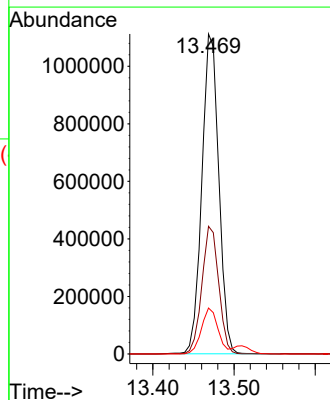
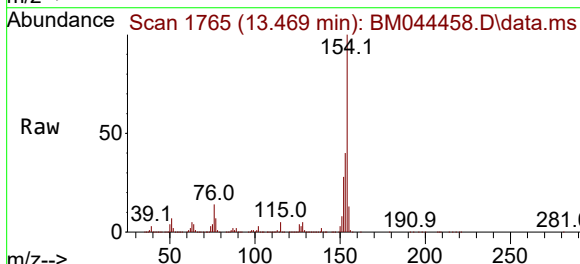
Instrument :
BNA_M
ClientSampleId :
E10A0MS

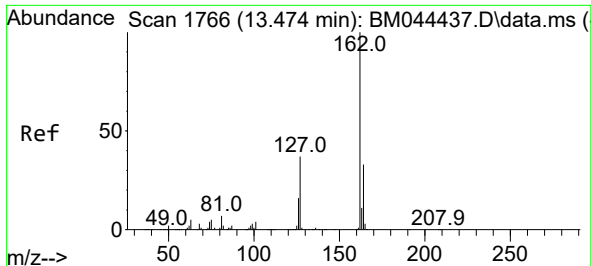
Tgt Ion:196 Resp: 428849
Ion Ratio Lower Upper
196 100
198 97.8 77.4 116.2
200 30.1 25.6 38.4



#43
1,1'-Biphenyl
Concen: 36.895 ng/ul
RT: 13.469 min Scan# 1765
Delta R.T. 0.006 min
Lab File: BM044458.D
Acq: 01 Mar 2024 03:02

Tgt Ion:154 Resp: 1605819
Ion Ratio Lower Upper
154 100
153 39.9 32.4 48.6
76 14.3 11.6 17.4

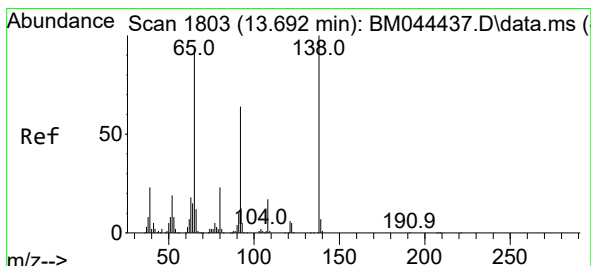
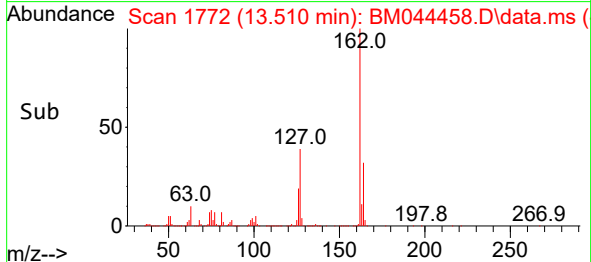
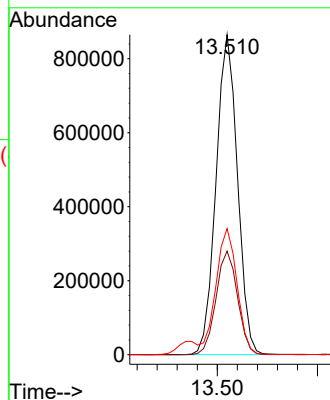
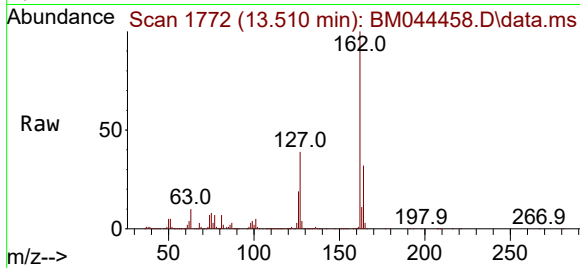




#44
2-Chloronaphthalene
Concen: 37.628 ng/ul
RT: 13.510 min Scan# 11
Delta R.T. 0.012 min
Lab File: BM044458.D
Acq: 01 Mar 2024 03:02

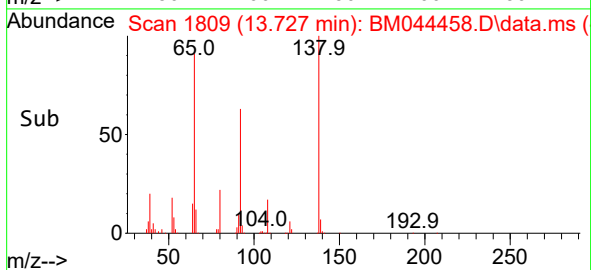
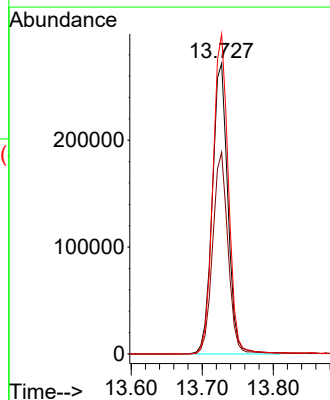
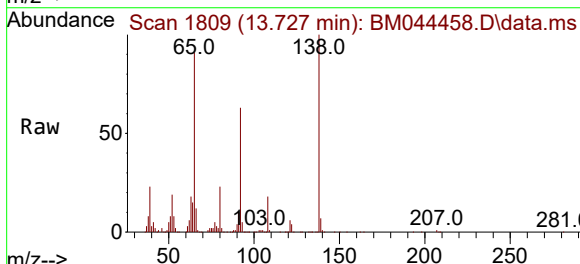
Instrument :
BNA_M
ClientSampleId :
E10A0MS

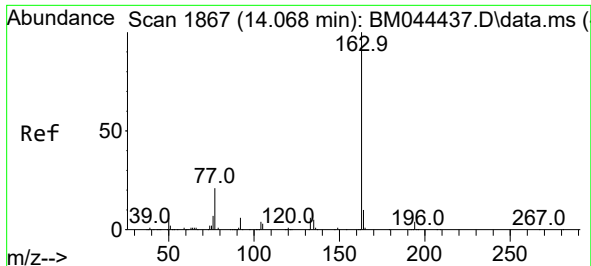
Tgt Ion:162 Resp: 1282346
Ion Ratio Lower Upper
162 100
164 32.3 26.1 39.1
127 39.4 30.9 46.3



#45
2-Nitroaniline
Concen: 43.944 ng/ul
RT: 13.727 min Scan# 1809
Delta R.T. 0.012 min
Lab File: BM044458.D
Acq: 01 Mar 2024 03:02

Tgt Ion: 65 Resp: 414631
Ion Ratio Lower Upper
65 100
92 69.4 52.5 78.7
138 110.1 86.4 129.6

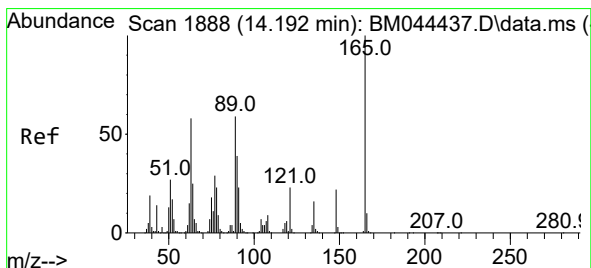
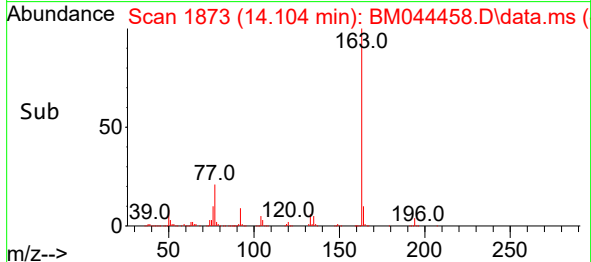
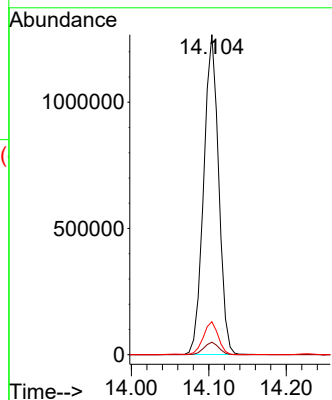
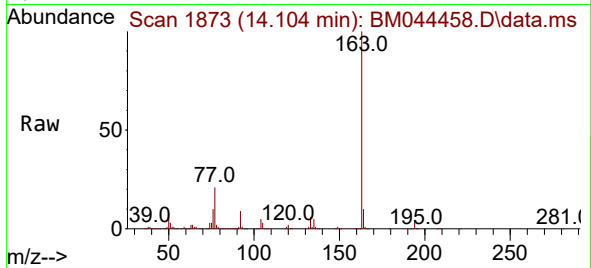




#47
Dimethylphthalate
Concen: 40.273 ng/ul
RT: 14.104 min Scan# 1873
Delta R.T. 0.012 min
Lab File: BM044458.D
Acq: 01 Mar 2024 03:02

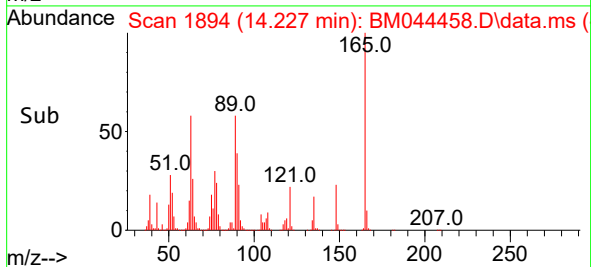
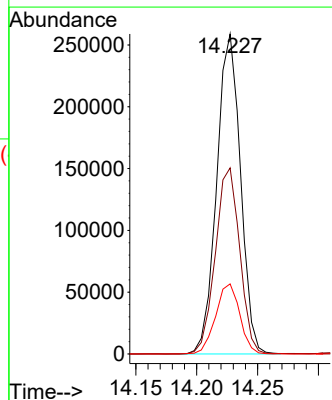
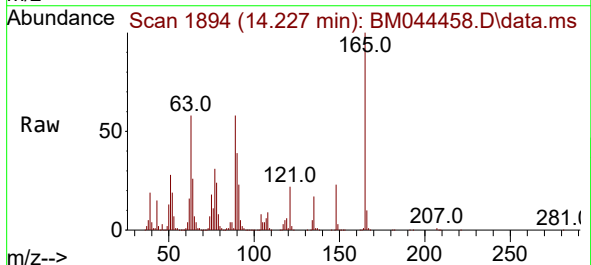
Instrument :
BNA_M
ClientSampleId :
E10A0MS

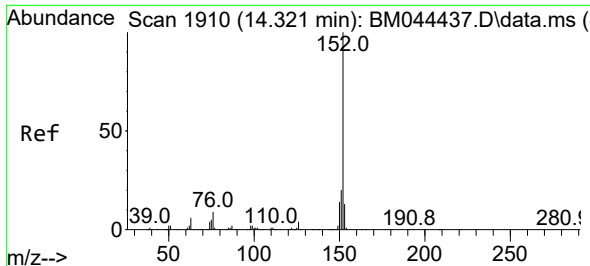
Tgt Ion:163 Resp: 1697147
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.3 8.1 12.1



#48
2,6-Dinitrotoluene
Concen: 44.659 ng/ul
RT: 14.227 min Scan# 1894
Delta R.T. 0.012 min
Lab File: BM044458.D
Acq: 01 Mar 2024 03:02

Tgt Ion:165 Resp: 351957
Ion Ratio Lower Upper
165 100
89 58.2 48.2 72.2
121 21.9 18.7 28.1

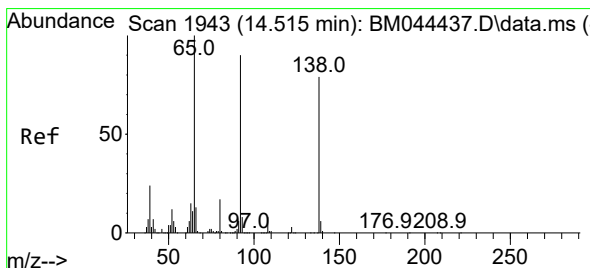
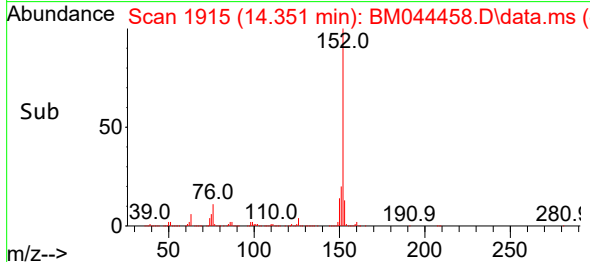
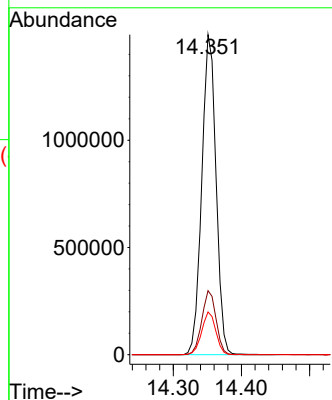
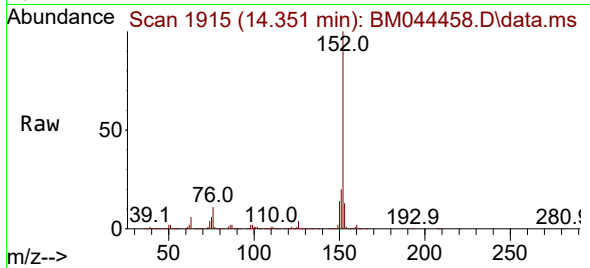




#50
Acenaphthylene
Concen: 38.520 ng/ul
RT: 14.351 min Scan# 1915
Delta R.T. 0.006 min
Lab File: BM044458.D
Acq: 01 Mar 2024 03:02

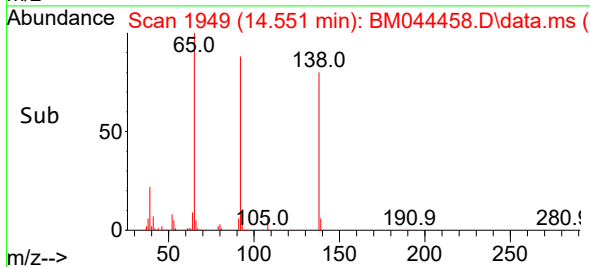
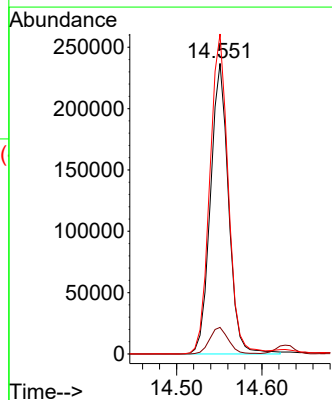
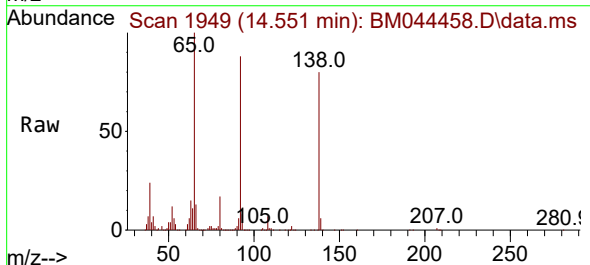
Instrument :
BNA_M
ClientSampleId :
E10A0MS

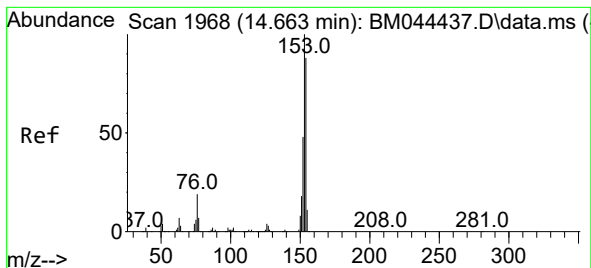
Tgt Ion:152 Resp: 2164476
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.6
153 13.3 10.4 15.6



#51
3-Nitroaniline
Concen: 42.044 ng/ul
RT: 14.551 min Scan# 1949
Delta R.T. 0.012 min
Lab File: BM044458.D
Acq: 01 Mar 2024 03:02

Tgt Ion:138 Resp: 349565
Ion Ratio Lower Upper
138 100
108 9.1 8.6 12.8
92 110.1 93.8 140.6





#52

Acenaphthene

Concen: 38.182 ng/ul

RT: 14.692 min Scan# 1973

Delta R.T. 0.006 min

Lab File: BM044458.D

Acq: 01 Mar 2024 03:02

Instrument :

BNA_M

ClientSampleId :

E10A0MS

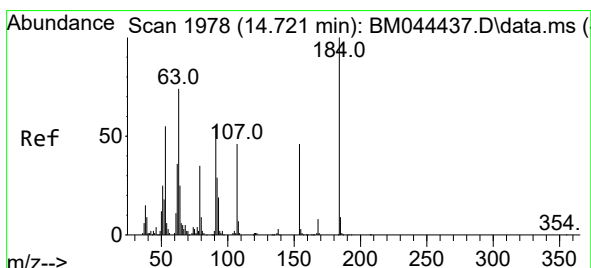
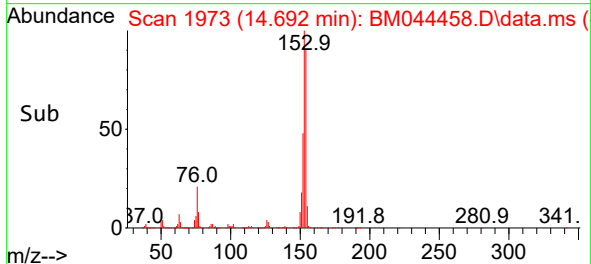
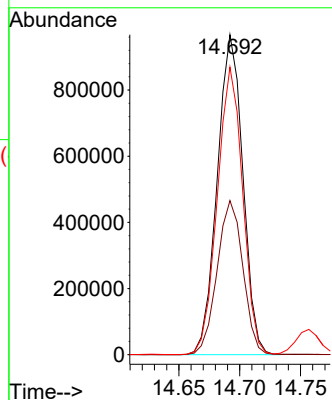
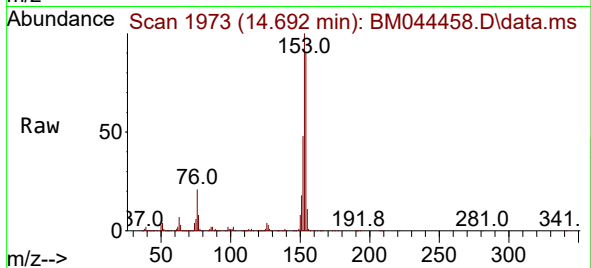
Tgt Ion:153 Resp: 1416375

Ion Ratio Lower Upper

153 100

152 48.2 38.5 57.7

154 89.8 70.8 106.2



#53

2,4-Dinitrophenol

Concen: 35.882 ng/ul

RT: 14.757 min Scan# 1984

Delta R.T. 0.012 min

Lab File: BM044458.D

Acq: 01 Mar 2024 03:02

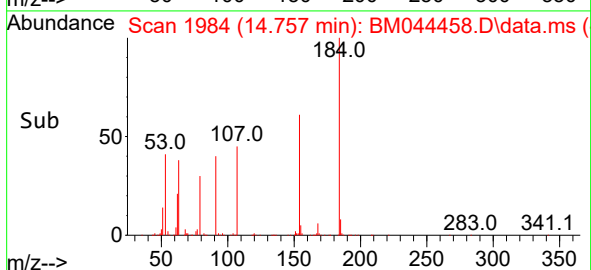
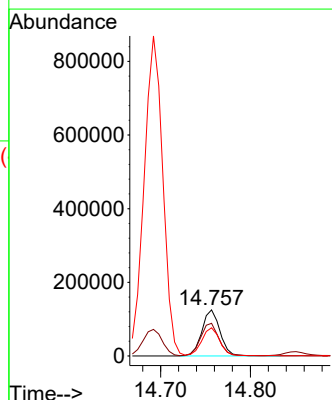
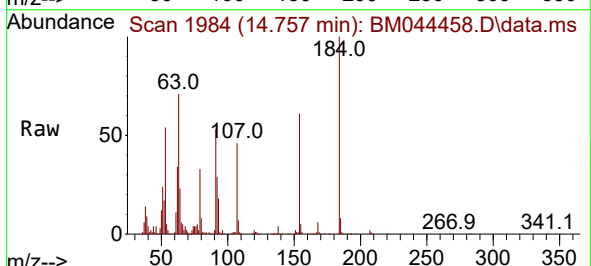
Tgt Ion:184 Resp: 175477

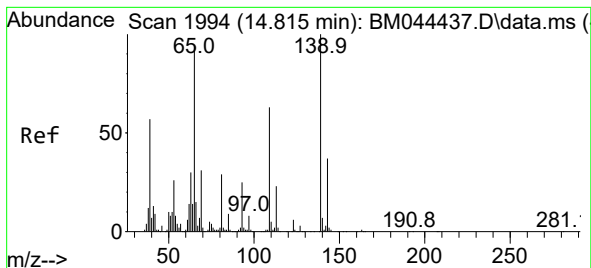
Ion Ratio Lower Upper

184 100

63 70.6 58.4 87.6

154 61.1 46.4 69.6

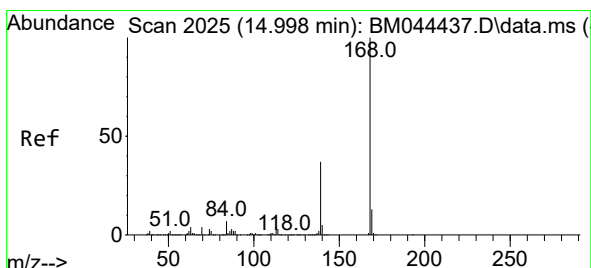
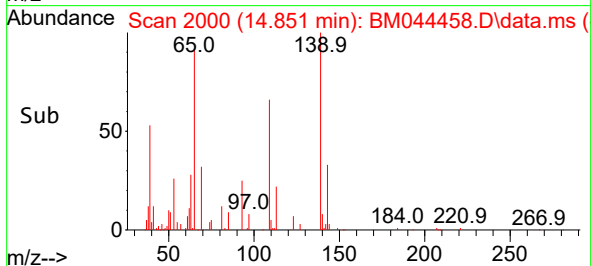
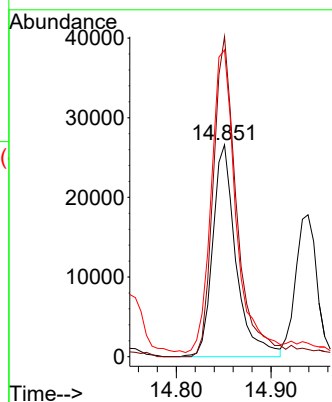
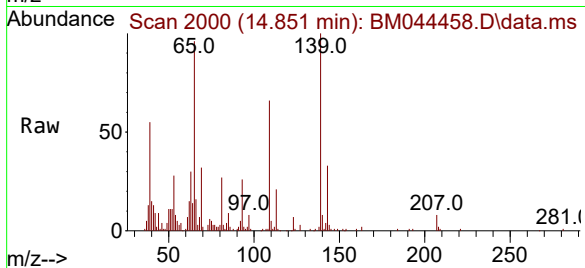




#55
4-Nitrophenol
Concen: 8.044 ng/ul
RT: 14.851 min Scan# 2000
Delta R.T. 0.012 min
Lab File: BM044458.D
Acq: 01 Mar 2024 03:02

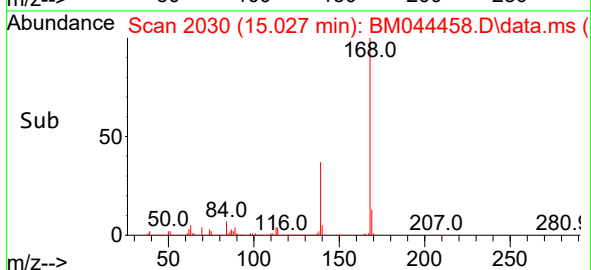
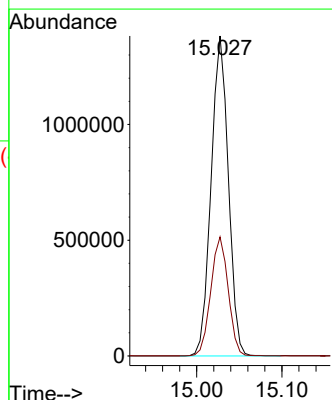
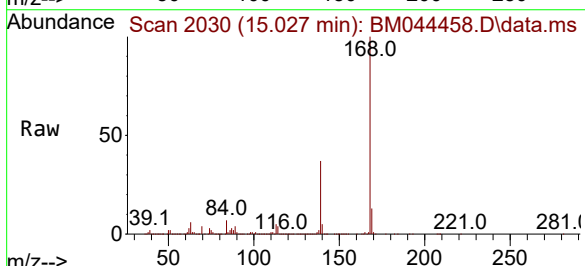
Instrument :
BNA_M
ClientSampleId :
E10A0MS

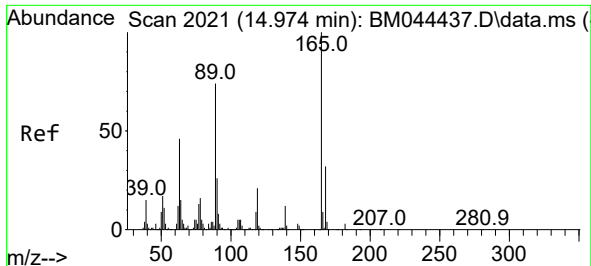
Tgt Ion:109 Resp: 45337
Ion Ratio Lower Upper
109 100
139 151.1 123.0 184.6
65 144.8 122.2 183.2



#56
Dibenzofuran
Concen: 39.023 ng/ul
RT: 15.027 min Scan# 2030
Delta R.T. 0.012 min
Lab File: BM044458.D
Acq: 01 Mar 2024 03:02

Tgt Ion:168 Resp: 1943273
Ion Ratio Lower Upper
168 100
139 37.2 29.9 44.9





#57

2,4-Dinitrotoluene

Concen: 45.904 ng/ul

RT: 15.004 min Scan# 20

Delta R.T. 0.006 min

Lab File: BM044458.D

Acq: 01 Mar 2024 03:02

Instrument :

BNA_M

ClientSampleId :

E10A0MS

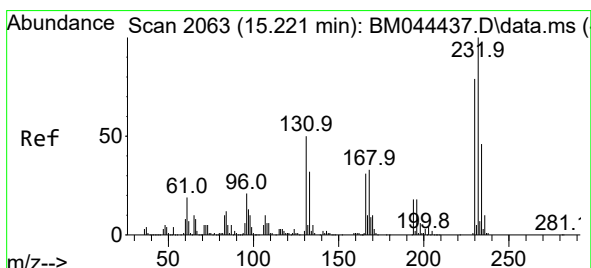
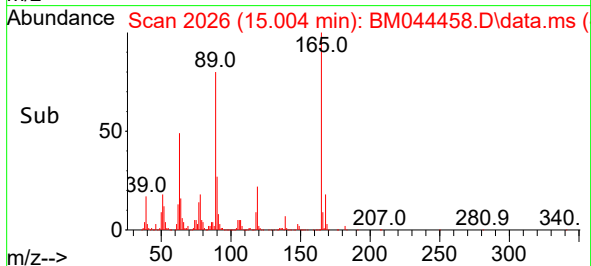
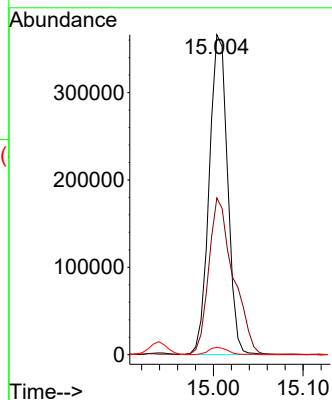
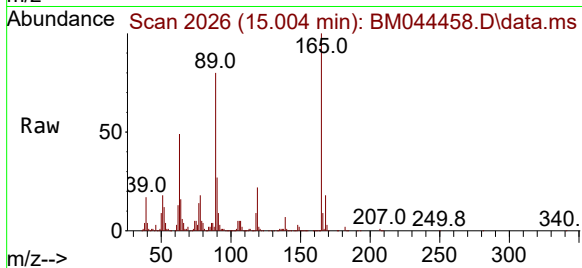
Tgt Ion:165 Resp: 519733

Ion Ratio Lower Upper

165 100

63 49.0 37.9 56.9

182 2.3 1.8 2.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.456 ng/ul

RT: 15.251 min Scan# 2068

Delta R.T. 0.006 min

Lab File: BM044458.D

Acq: 01 Mar 2024 03:02

Tgt Ion:232 Resp: 372611

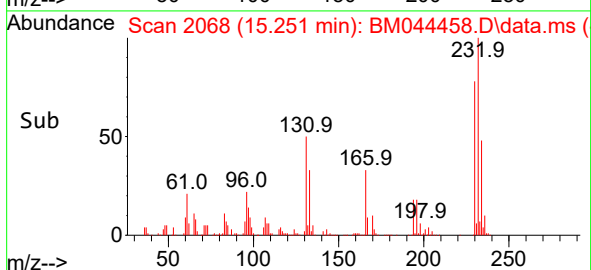
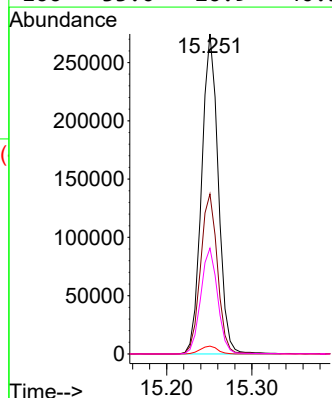
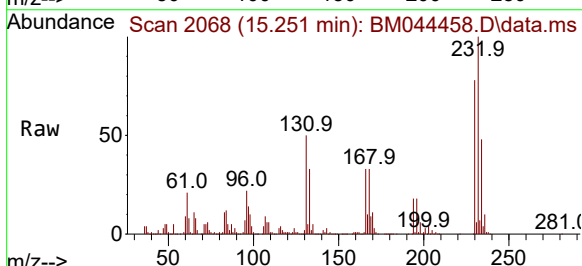
Ion Ratio Lower Upper

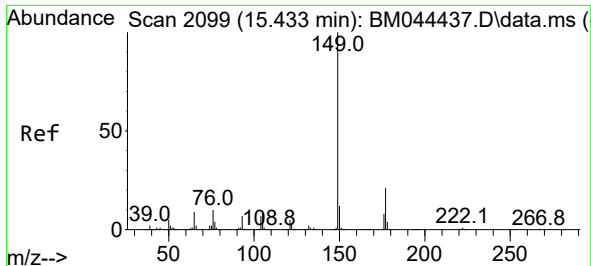
232 100

131 50.0 41.9 62.9

130 2.5 1.8 2.8

166 33.0 26.9 40.3

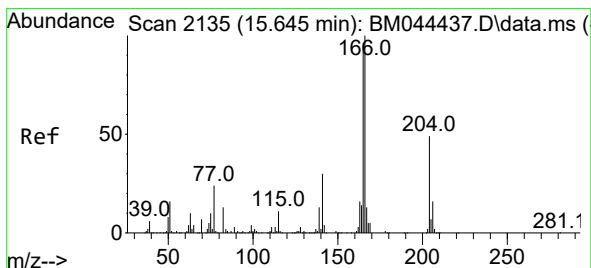
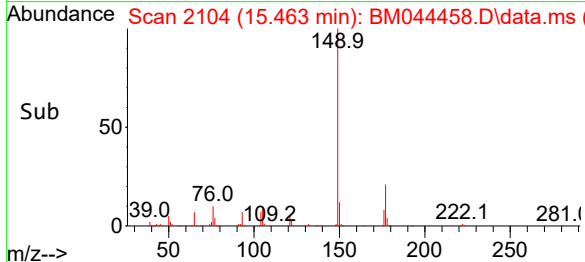
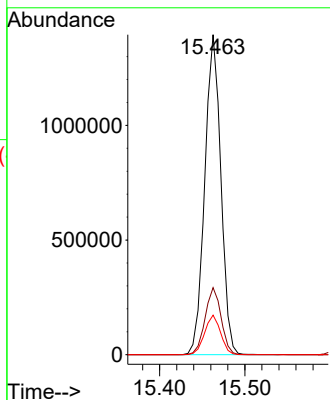
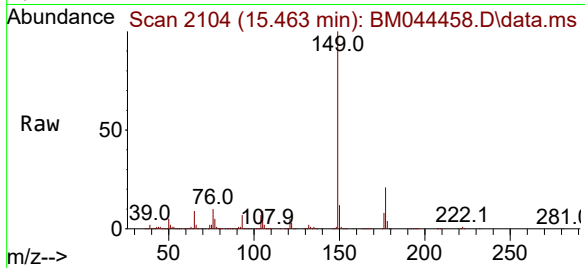




#59
Diethylphthalate
Concen: 42.245 ng/ul
RT: 15.463 min Scan# 2104
Delta R.T. 0.012 min
Lab File: BM044458.D
Acq: 01 Mar 2024 03:02

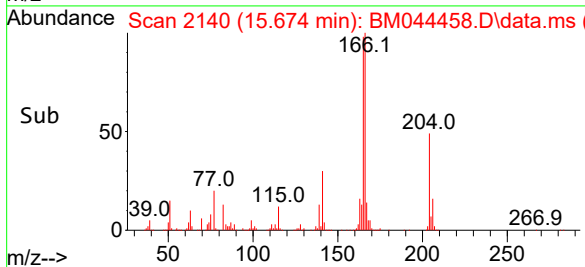
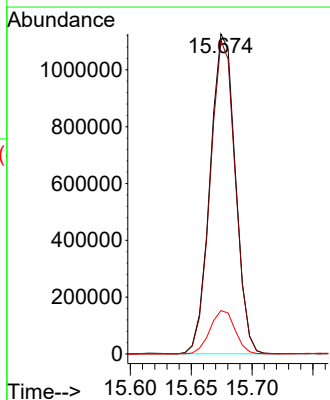
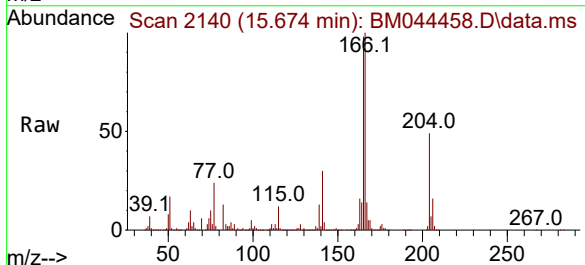
Instrument :
BNA_M
ClientSampleId :
E10A0MS

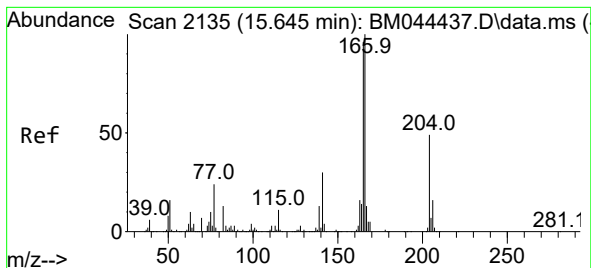
Tgt Ion:149 Resp: 1832542
Ion Ratio Lower Upper
149 100
177 20.9 17.0 25.6
150 12.3 9.6 14.4



#61
Fluorene
Concen: 40.652 ng/ul
RT: 15.674 min Scan# 2140
Delta R.T. 0.006 min
Lab File: BM044458.D
Acq: 01 Mar 2024 03:02

Tgt Ion:166 Resp: 1625940
Ion Ratio Lower Upper
166 100
165 98.0 77.4 116.0
167 13.5 10.8 16.2

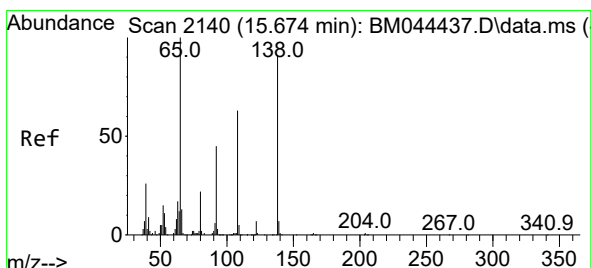
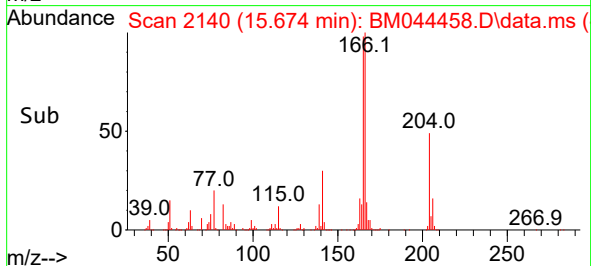
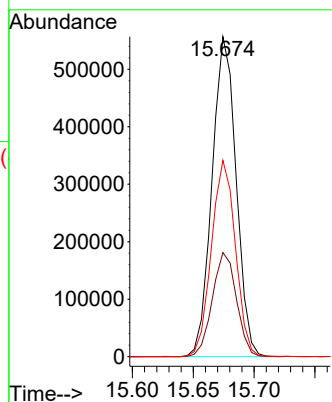
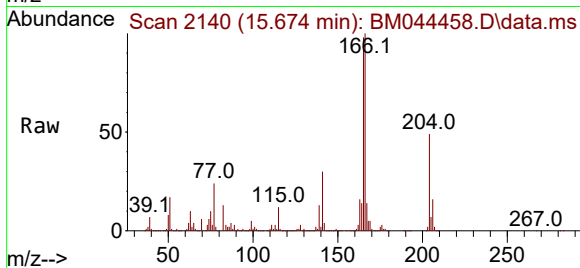




#62
4-Chlorophenyl-phenylether
Concen: 40.632 ng/ul
RT: 15.674 min Scan# 2140
Delta R.T. 0.006 min
Lab File: BM044458.D
Acq: 01 Mar 2024 03:02

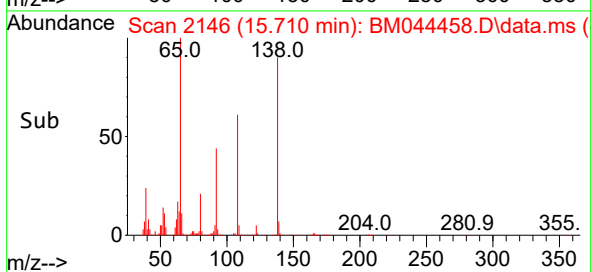
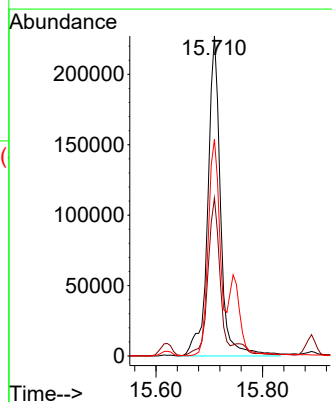
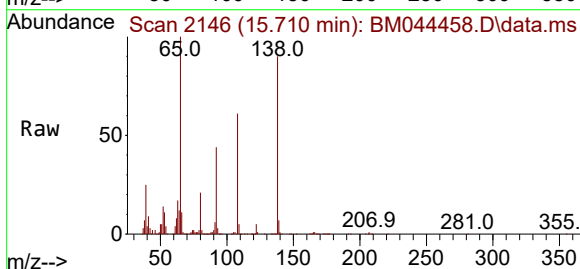
Instrument :
BNA_M
ClientSampleId :
E10A0MS

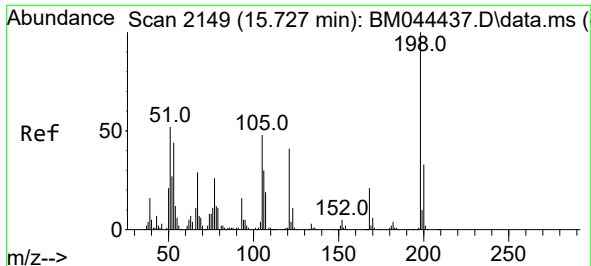
Tgt Ion:204 Resp: 765893
Ion Ratio Lower Upper
204 100
206 32.5 26.9 40.3
141 61.3 48.3 72.5



#63
4-Nitroaniline
Concen: 47.076 ng/ul
RT: 15.710 min Scan# 2146
Delta R.T. 0.012 min
Lab File: BM044458.D
Acq: 01 Mar 2024 03:02

Tgt Ion:138 Resp: 378564
Ion Ratio Lower Upper
138 100
92 49.3 40.9 61.3
108 67.8 55.1 82.7

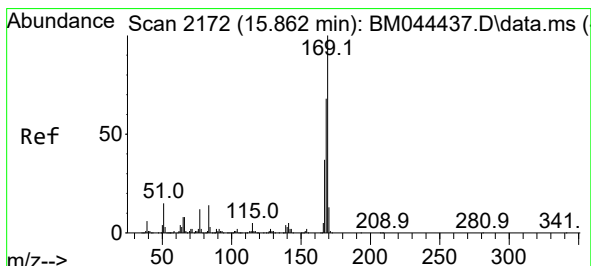
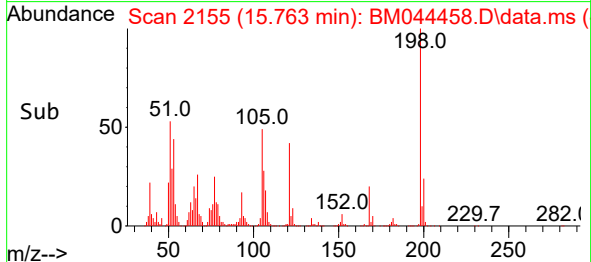
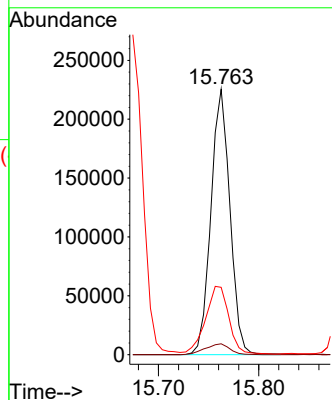
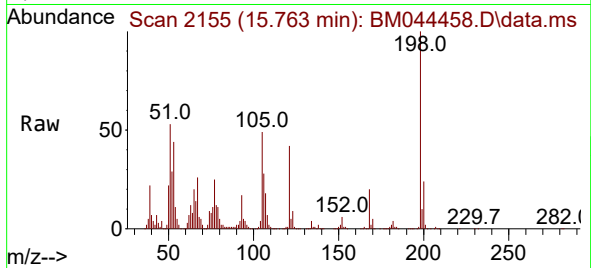




#66
4,6-Dinitro-2-methylphenol
Concen: 40.877 ng/ul
RT: 15.763 min Scan# 2149
Delta R.T. 0.012 min
Lab File: BM044458.D
Acq: 01 Mar 2024 03:02

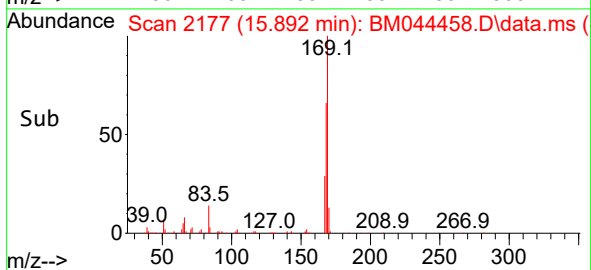
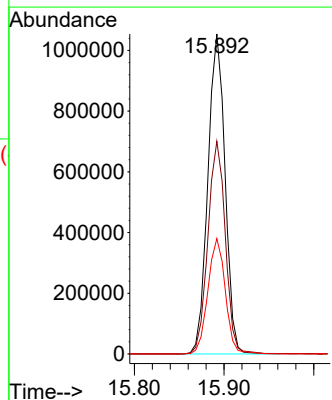
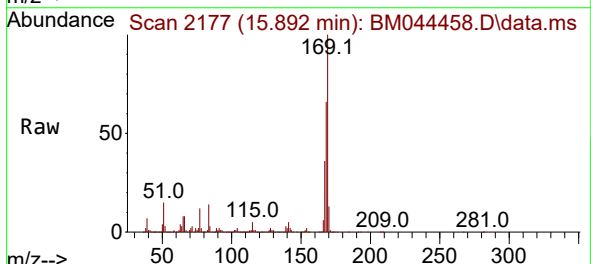
Instrument :
BNA_M
ClientSampleId :
E10A0MS

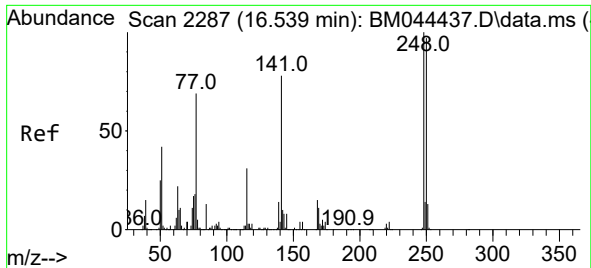
Tgt Ion:198 Resp: 297881
Ion Ratio Lower Upper
198 100
182 4.1 3.8 5.8
77 25.4 20.6 30.8



#67
N-Nitrosodiphenylamine
Concen: 43.113 ng/ul
RT: 15.892 min Scan# 2177
Delta R.T. 0.006 min
Lab File: BM044458.D
Acq: 01 Mar 2024 03:02

Tgt Ion:169 Resp: 1402690
Ion Ratio Lower Upper
169 100
168 66.4 53.6 80.4
167 36.0 29.2 43.8

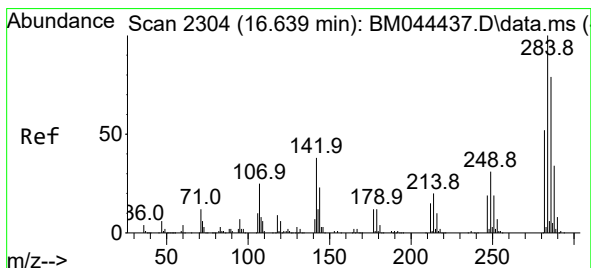
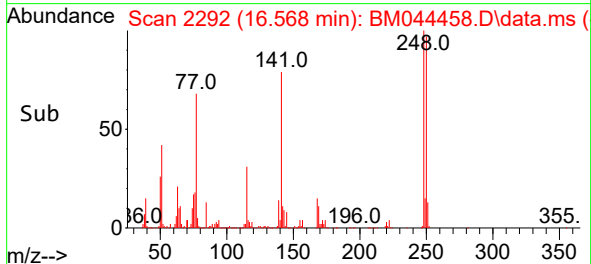
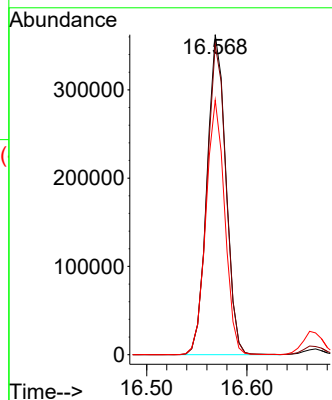
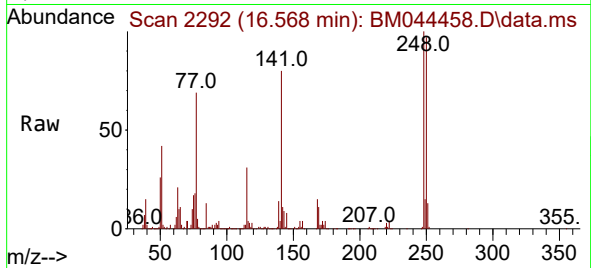




#68
4-Bromophenyl-phenylether
Concen: 44.556 ng/ul
RT: 16.568 min Scan# 2109
Delta R.T. 0.006 min
Lab File: BM044458.D
Acq: 01 Mar 2024 03:02

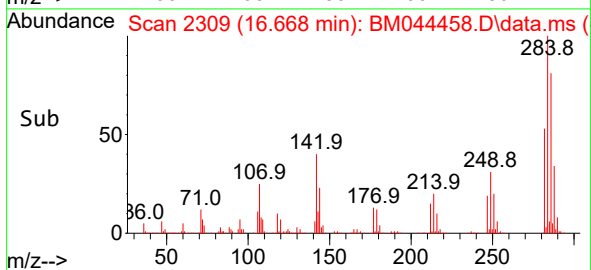
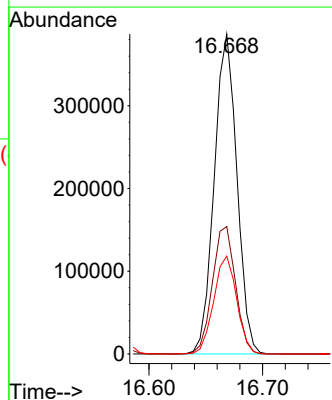
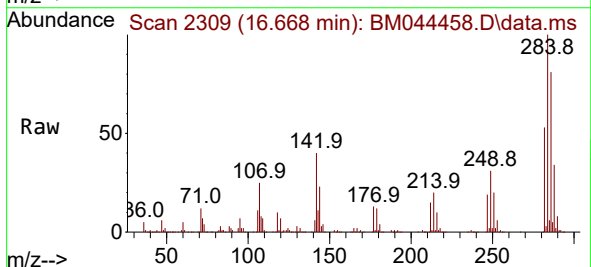
Instrument :
BNA_M
ClientSampleId :
E10A0MS

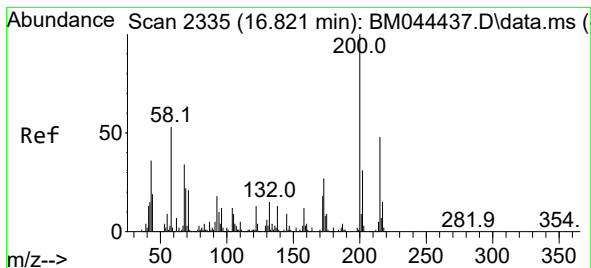
Tgt Ion:248 Resp: 475288
Ion Ratio Lower Upper
248 100
250 96.9 79.8 119.8
141 79.6 65.8 98.8



#69
Hexachlorobenzene
Concen: 43.932 ng/ul
RT: 16.668 min Scan# 2309
Delta R.T. 0.006 min
Lab File: BM044458.D
Acq: 01 Mar 2024 03:02

Tgt Ion:284 Resp: 536369
Ion Ratio Lower Upper
284 100
142 39.8 33.4 50.2
249 30.6 24.7 37.1





#70

Atrazine

Concen: 30.664 ng/ul

RT: 16.851 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM044458.D

Acq: 01 Mar 2024 03:02

Instrument :

BNA_M

ClientSampleId :

E10A0MS

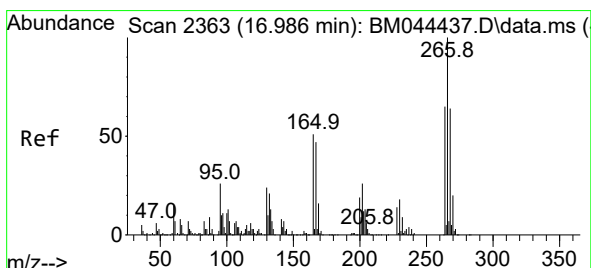
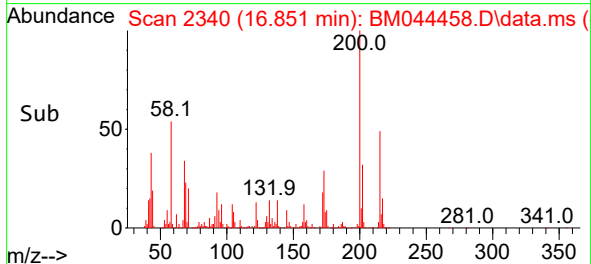
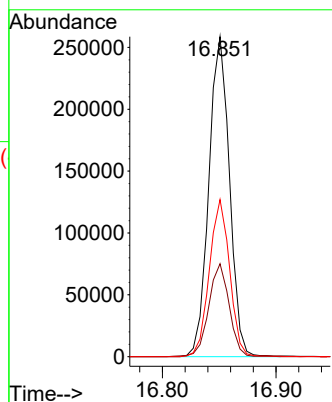
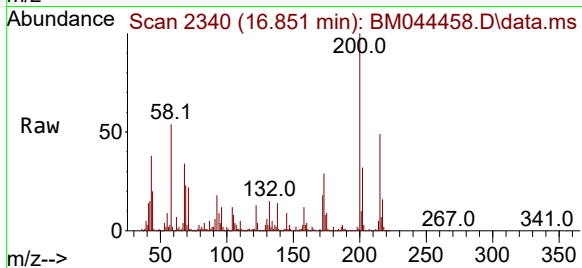
Tgt Ion:200 Resp: 326813

Ion Ratio Lower Upper

200 100

173 29.1 22.5 33.7

215 49.1 37.8 56.6



#71

Pentachlorophenol

Concen: 39.987 ng/ul

RT: 17.015 min Scan# 2368

Delta R.T. 0.006 min

Lab File: BM044458.D

Acq: 01 Mar 2024 03:02

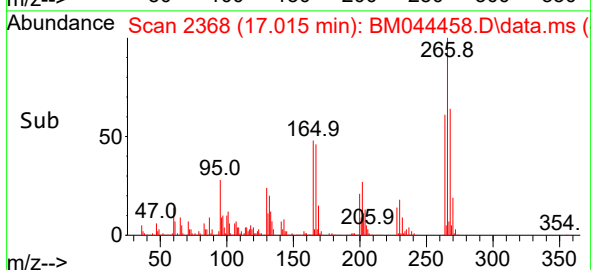
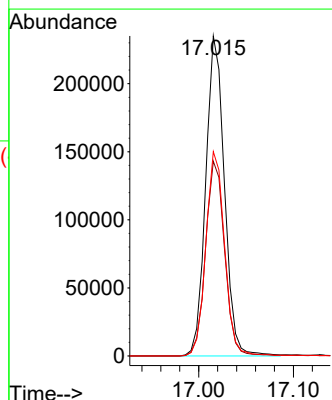
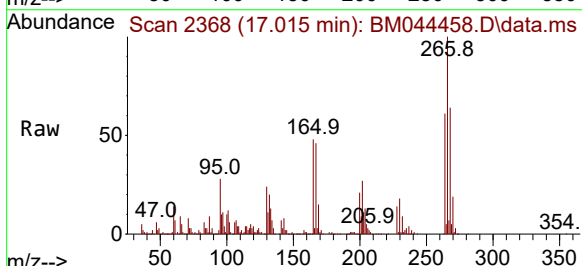
Tgt Ion:266 Resp: 321734

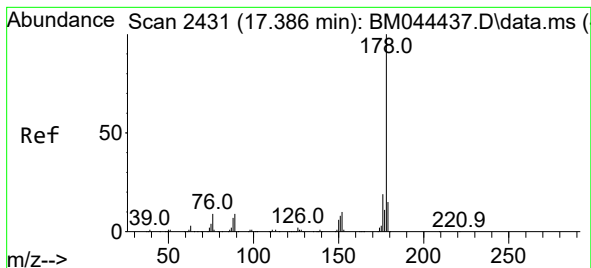
Ion Ratio Lower Upper

266 100

264 60.8 50.9 76.3

268 63.8 51.1 76.7





#72

Phenanthrene

Concen: 43.244 ng/ul

RT: 17.415 min Scan# 2436

Delta R.T. 0.006 min

Lab File: BM044458.D

Acq: 01 Mar 2024 03:02

Instrument :

BNA_M

ClientSampleId :

E10A0MS

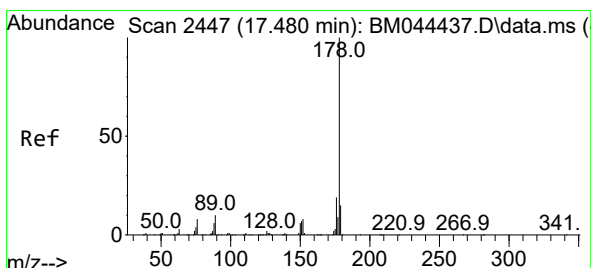
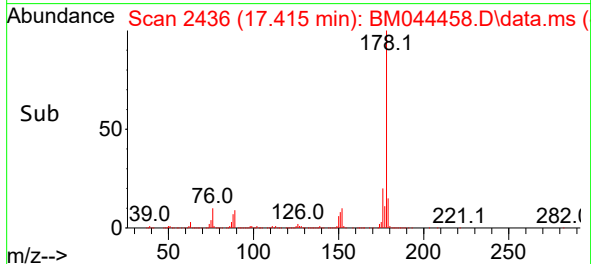
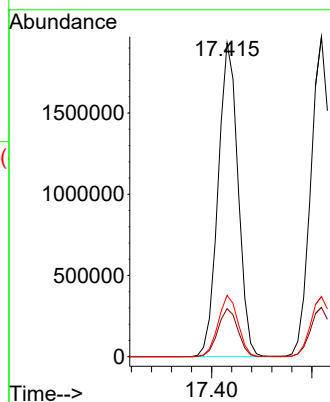
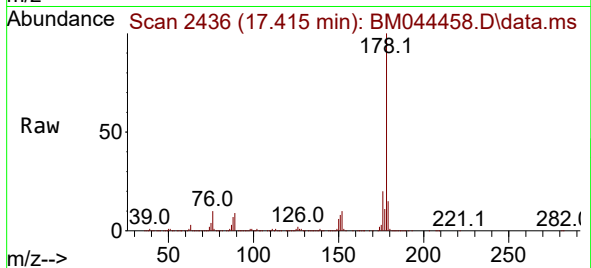
Tgt Ion:178 Resp: 2663393

Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.4

176 19.5 15.6 23.4



#74

Anthracene

Concen: 43.429 ng/ul

RT: 17.509 min Scan# 2452

Delta R.T. 0.012 min

Lab File: BM044458.D

Acq: 01 Mar 2024 03:02

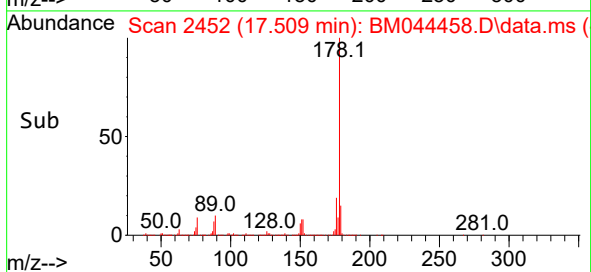
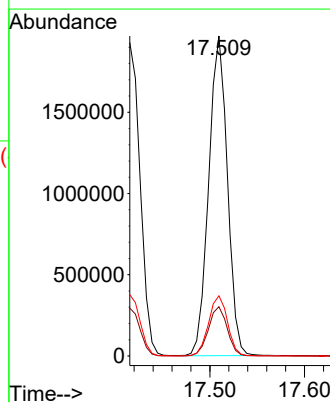
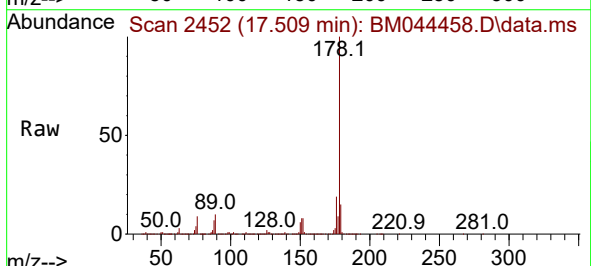
Tgt Ion:178 Resp: 2693068

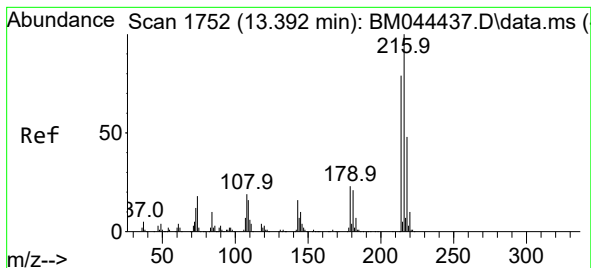
Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.2

176 18.8 15.4 23.0





#75

1,2,3,4-Tetrachlorobenzene

Concen: 39.512 ng/uL

RT: 13.427 min Scan# 1

Delta R.T. 0.012 min

Lab File: BM044458.D

Acq: 01 Mar 2024 03:02

Instrument :

BNA_M

ClientSampleId :

E10A0MS

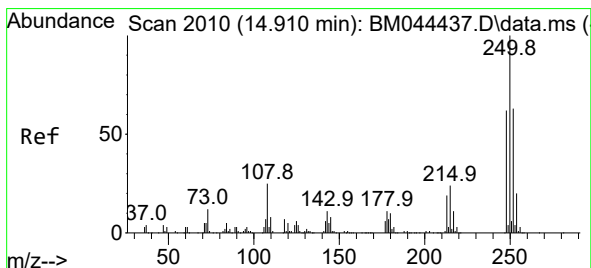
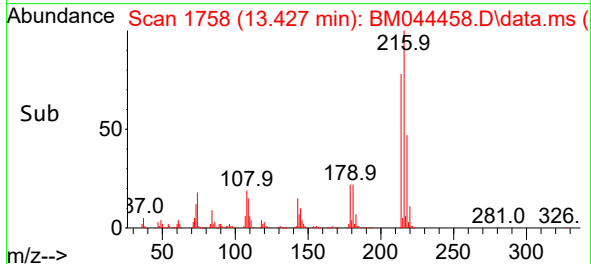
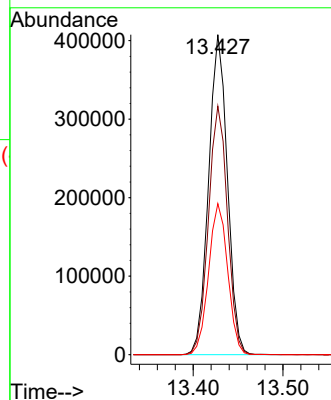
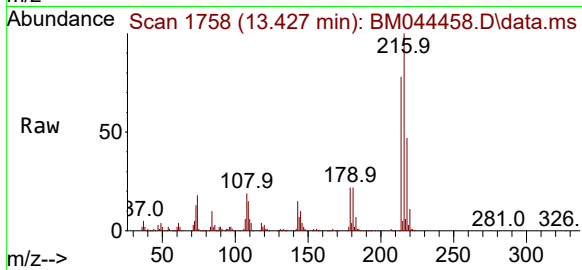
Tgt Ion:216 Resp: 593818

Ion Ratio Lower Upper

216 100

214 77.7 61.9 92.9

218 47.2 37.9 56.9



#76

Pentachlorobenzene

Concen: 41.327 ng/uL

RT: 14.939 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BM044458.D

Acq: 01 Mar 2024 03:02

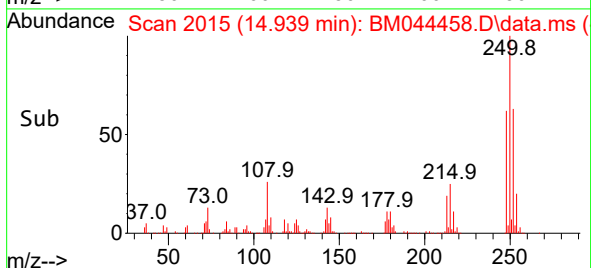
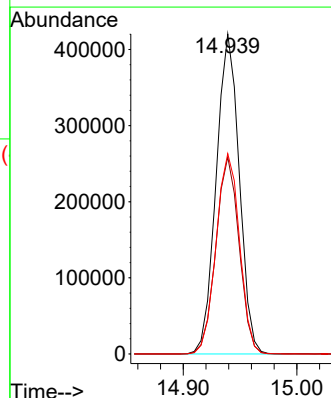
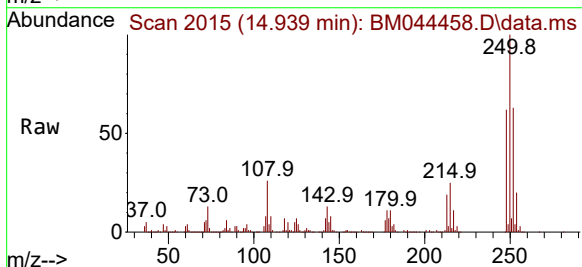
Tgt Ion:250 Resp: 592917

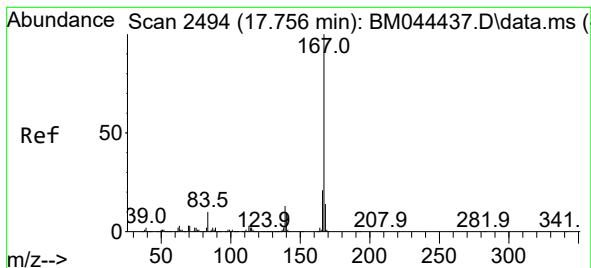
Ion Ratio Lower Upper

250 100

248 61.5 48.6 73.0

252 62.6 50.0 75.0





#77

Carbazole

Concen: 43.590 ng/ul

RT: 17.786 min Scan# 2494

Delta R.T. 0.006 min

Lab File: BM044458.D

Acq: 01 Mar 2024 03:02

Instrument :

BNA_M

ClientSampleId :

E10A0MS

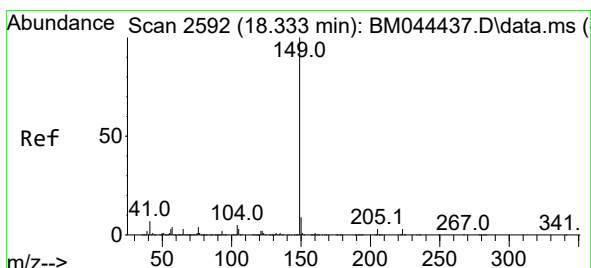
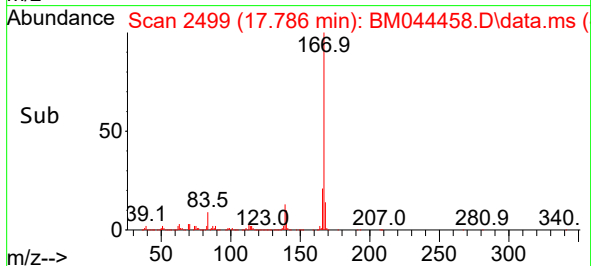
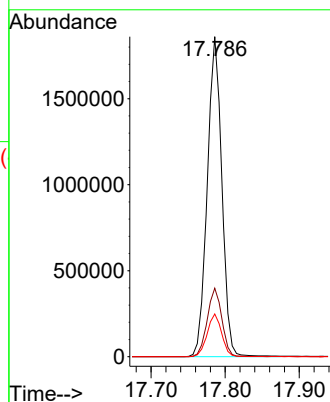
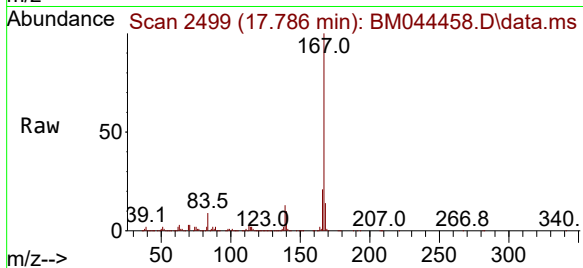
Tgt Ion:167 Resp: 2541698

Ion Ratio Lower Upper

167 100

166 21.4 17.1 25.7

139 13.3 10.7 16.1



#78

Di-n-butylphthalate

Concen: 46.873 ng/ul

RT: 18.362 min Scan# 2597

Delta R.T. 0.012 min

Lab File: BM044458.D

Acq: 01 Mar 2024 03:02

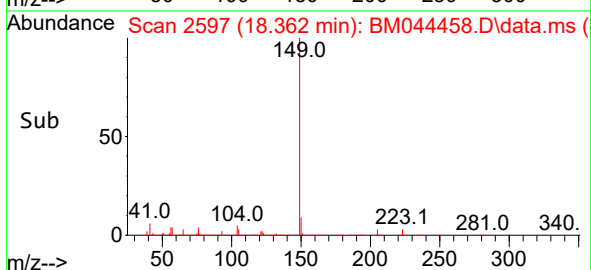
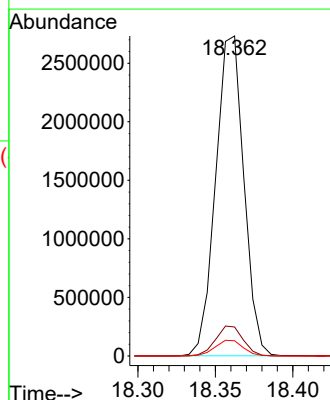
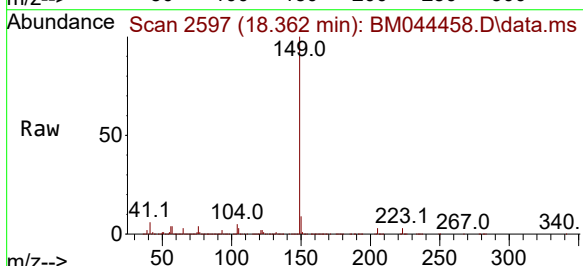
Tgt Ion:149 Resp: 3460467

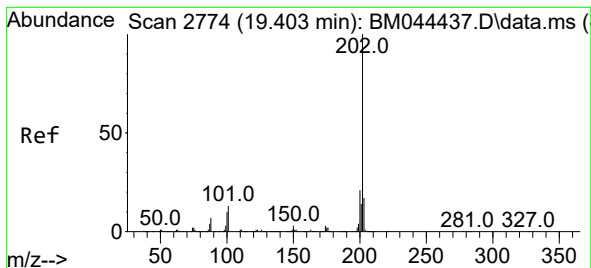
Ion Ratio Lower Upper

149 100

150 9.0 7.3 10.9

104 4.8 3.8 5.8





#80

Fluoranthene

Concen: 45.797 ng/ul

RT: 19.433 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM044458.D

Acq: 01 Mar 2024 03:02

Instrument :

BNA_M

ClientSampleId :

E10A0MS

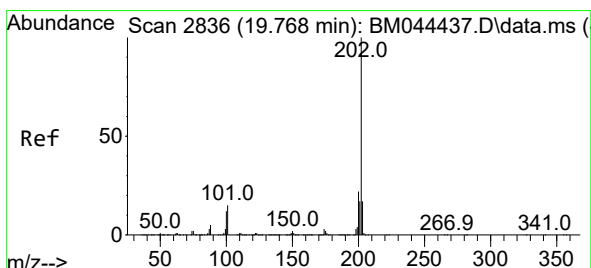
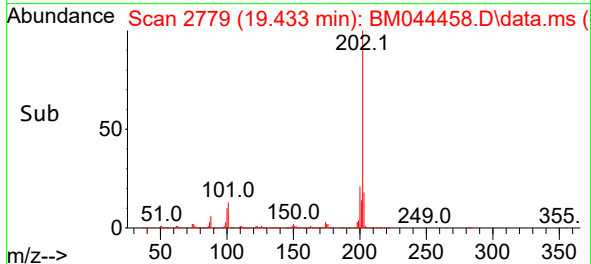
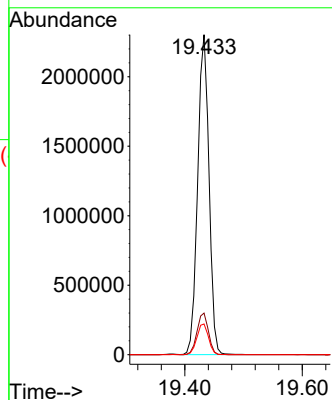
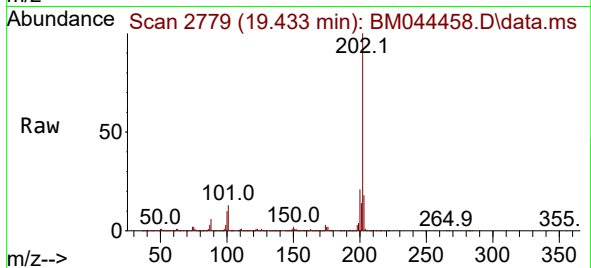
Tgt Ion:202 Resp: 3073065

Ion Ratio Lower Upper

202 100

101 13.0 11.1 16.7

100 9.6 8.2 12.2



#82

Pyrene

Concen: 44.897 ng/ul

RT: 19.798 min Scan# 2841

Delta R.T. 0.012 min

Lab File: BM044458.D

Acq: 01 Mar 2024 03:02

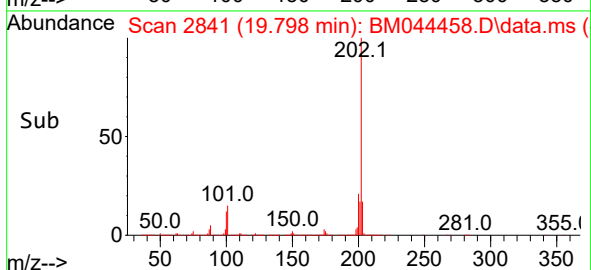
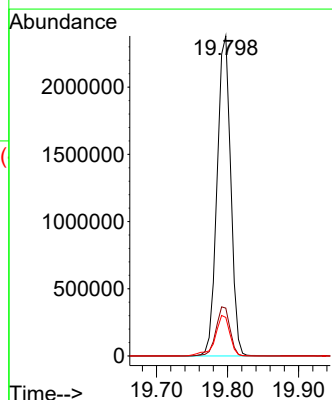
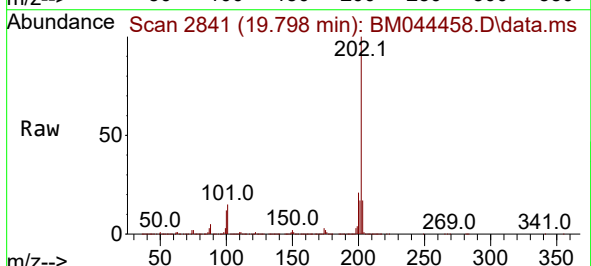
Tgt Ion:202 Resp: 3159450

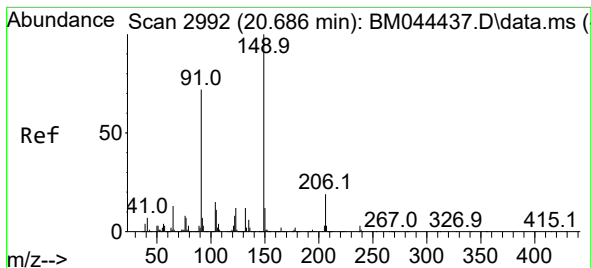
Ion Ratio Lower Upper

202 100

101 15.0 12.6 18.8

100 12.1 10.2 15.2





#83

Butylbenzylphthalate

Concen: 50.200 ng/ul

RT: 20.709 min Scan# 2996

Delta R.T. 0.006 min

Lab File: BM044458.D

Acq: 01 Mar 2024 03:02

Instrument :

BNA_M

ClientSampleId :

E10A0MS

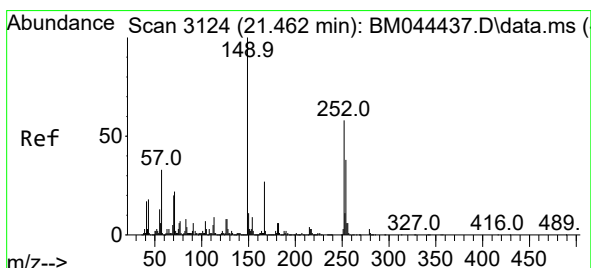
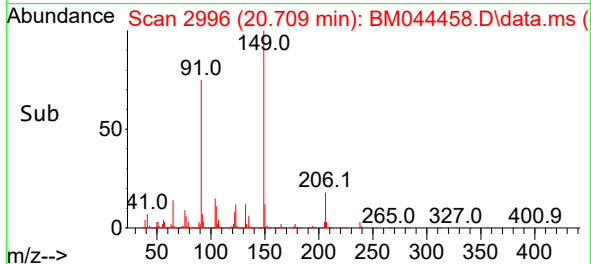
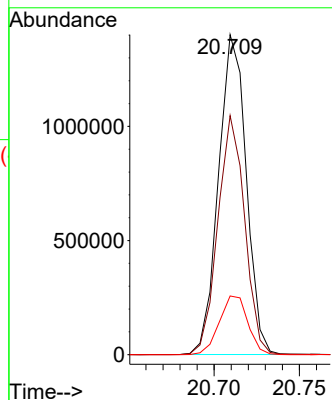
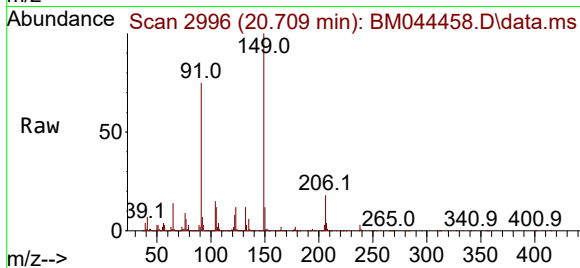
Tgt Ion:149 Resp: 1586717

Ion Ratio Lower Upper

149 100

91 74.7 58.1 87.1

206 18.4 15.0 22.4



#84

3,3'-Dichlorobenzidine

Concen: 40.558 ng/ul

RT: 21.486 min Scan# 3128

Delta R.T. 0.006 min

Lab File: BM044458.D

Acq: 01 Mar 2024 03:02

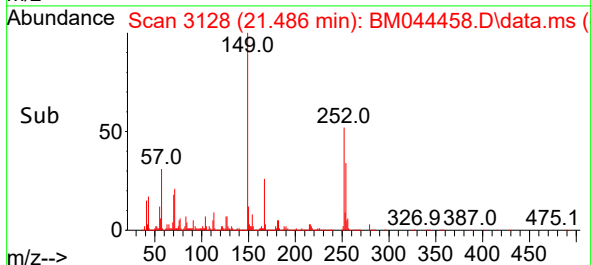
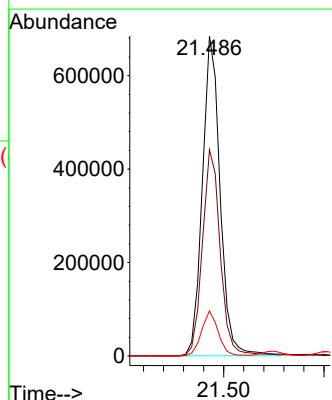
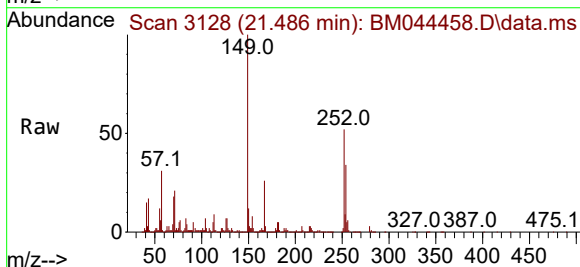
Tgt Ion:252 Resp: 843682

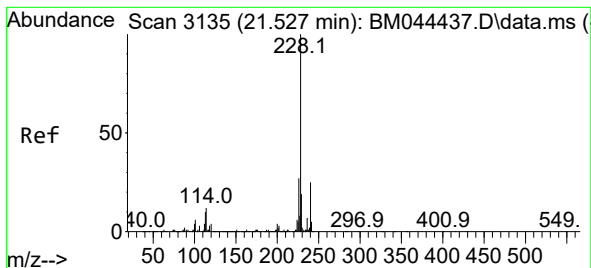
Ion Ratio Lower Upper

252 100

254 64.5 51.6 77.4

126 14.1 11.2 16.8





#85

Benzo(a)anthracene

Concen: 44.725 ng/ul

RT: 21.550 min Scan# 3135

Delta R.T. 0.012 min

Lab File: BM044458.D

Acq: 01 Mar 2024 03:02

Instrument :

BNA_M

ClientSampleId :

E10A0MS

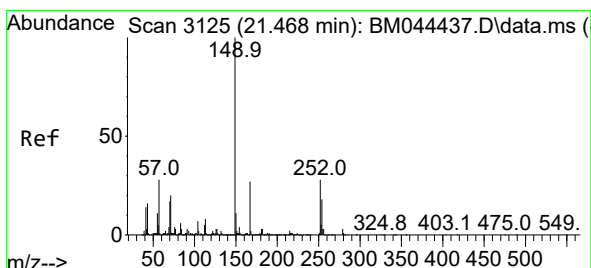
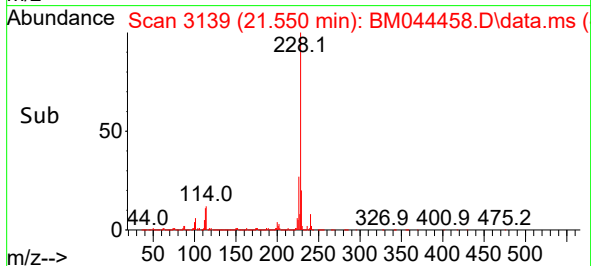
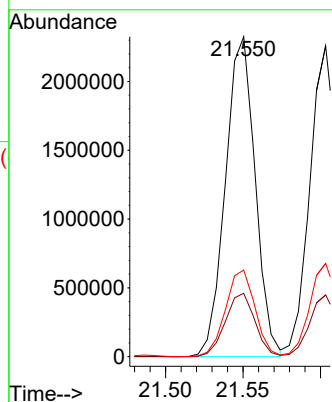
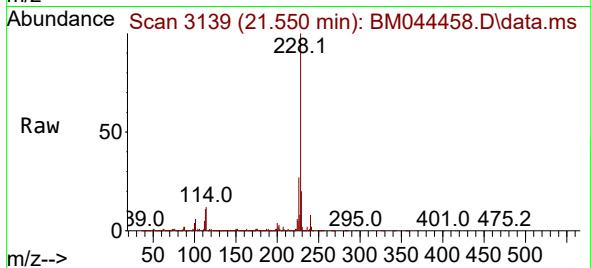
Tgt Ion:228 Resp: 3102128

Ion Ratio Lower Upper

228 100

229 19.8 15.4 23.0

226 27.1 21.2 31.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 50.460 ng/ul

RT: 21.492 min Scan# 3129

Delta R.T. 0.006 min

Lab File: BM044458.D

Acq: 01 Mar 2024 03:02

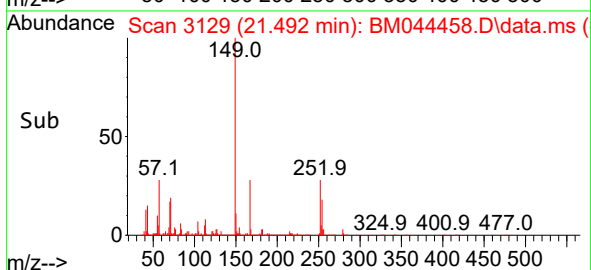
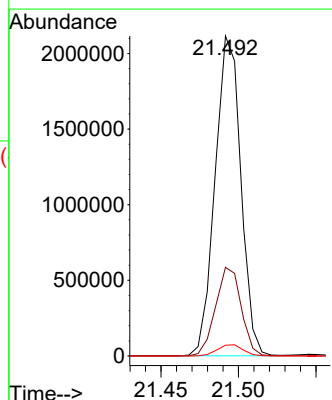
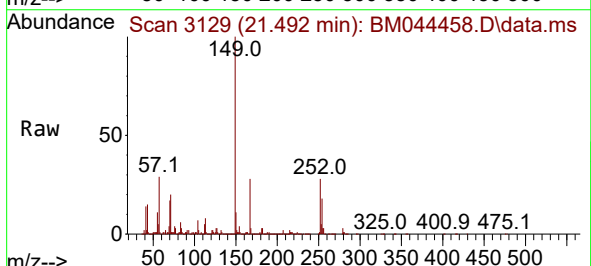
Tgt Ion:149 Resp: 2441844

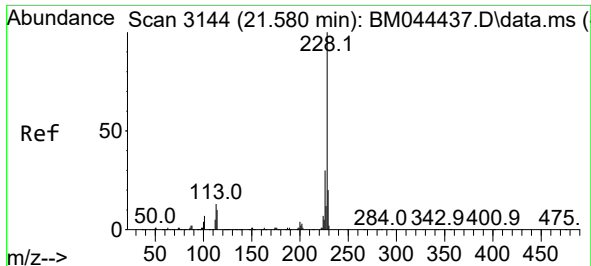
Ion Ratio Lower Upper

149 100

167 27.7 22.1 33.1

279 3.4 2.4 3.6

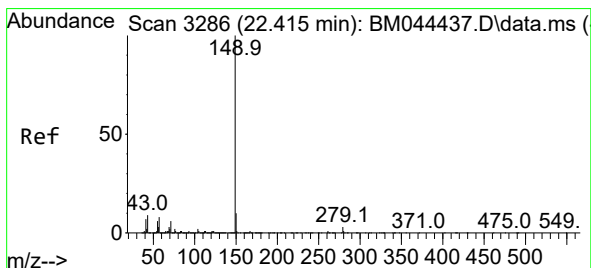
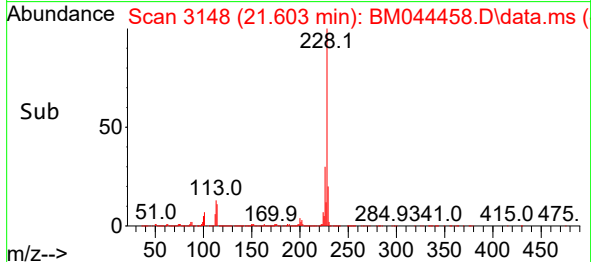
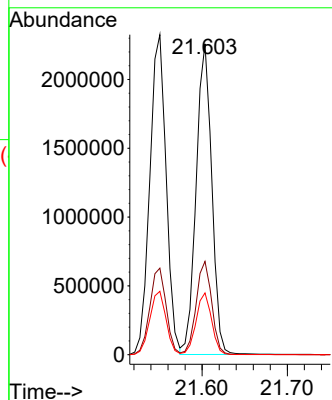
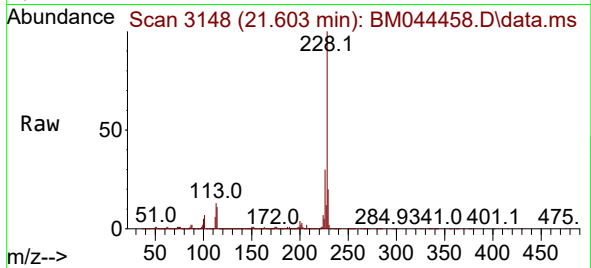




#87
Chrysene
Concen: 44.075 ng/ul
RT: 21.603 min Scan# 3144
Delta R.T. 0.006 min
Lab File: BM044458.D
Acq: 01 Mar 2024 03:02

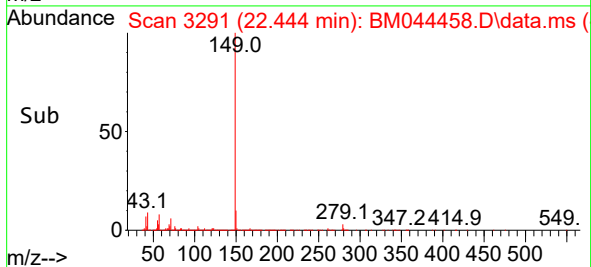
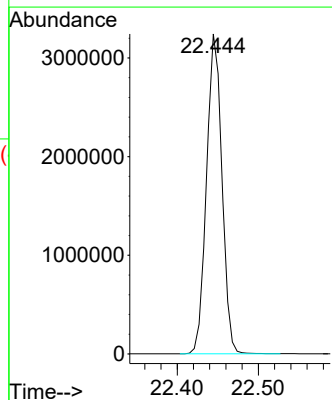
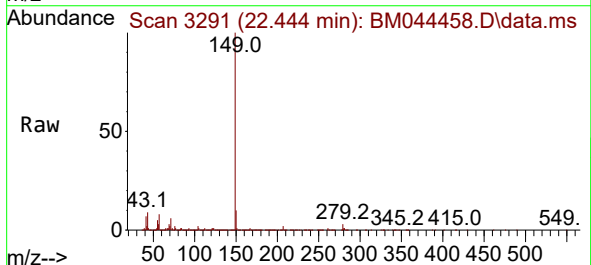
Instrument :
BNA_M
ClientSampleId :
E10A0MS

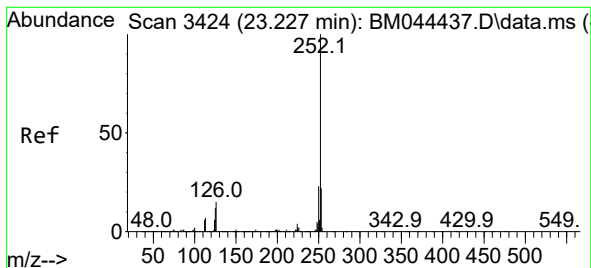
Tgt Ion:228 Resp: 2873563
Ion Ratio Lower Upper
228 100
226 30.0 23.8 35.6
229 19.9 16.0 24.0



#89
Di-n-octyl phthalate
Concen: 49.188 ng/ul
RT: 22.444 min Scan# 3291
Delta R.T. 0.006 min
Lab File: BM044458.D
Acq: 01 Mar 2024 03:02

Tgt Ion:149 Resp: 4263445





#90

Benzo(b)fluoranthene

Concen: 46.527 ng/ul

RT: 23.262 min Scan# 34

Delta R.T. 0.012 min

Lab File: BM044458.D

Acq: 01 Mar 2024 03:02

Instrument :

BNA_M

ClientSampleId :

E10A0MS

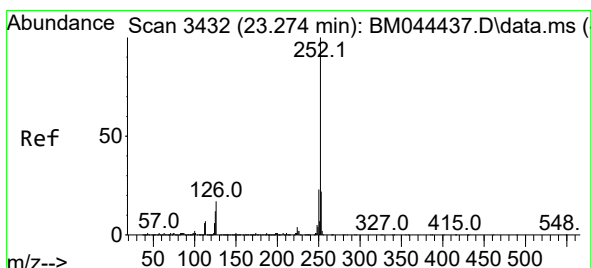
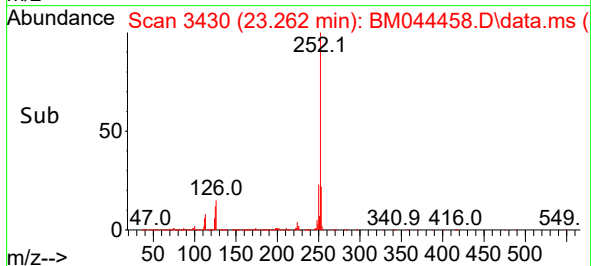
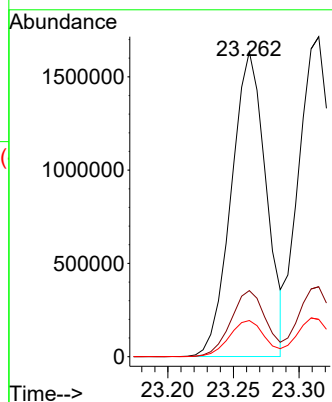
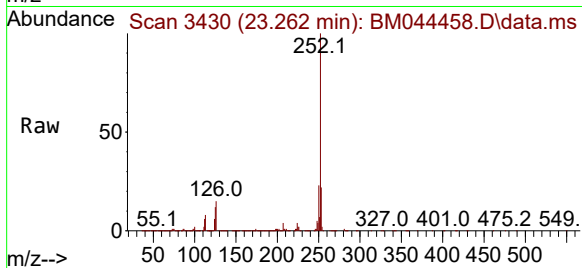
Tgt Ion:252 Resp: 3017523

Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

125 11.8 9.8 14.8



#91

Benzo(k)fluoranthene

Concen: 45.449 ng/ul

RT: 23.315 min Scan# 3439

Delta R.T. 0.012 min

Lab File: BM044458.D

Acq: 01 Mar 2024 03:02

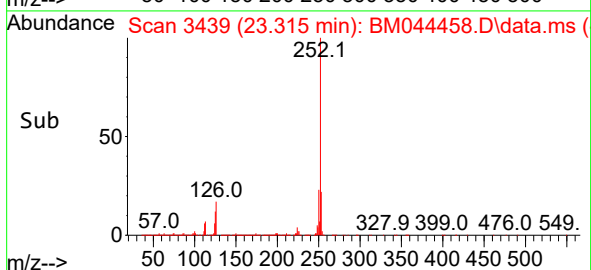
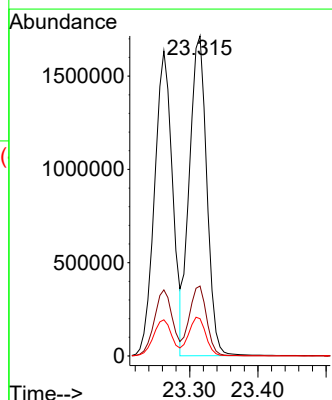
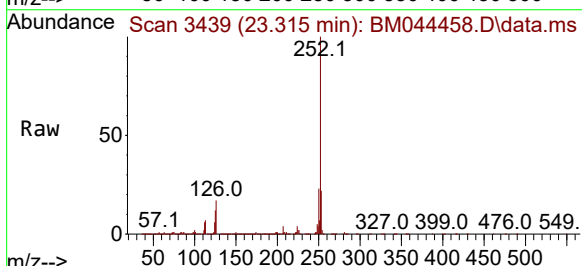
Tgt Ion:252 Resp: 3027415

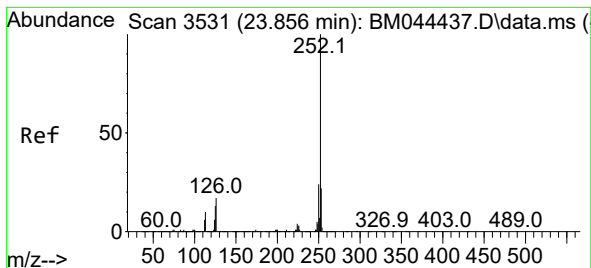
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 11.7 9.4 14.2





#93

Benzo(a)pyrene

Concen: 45.241 ng/ul

RT: 23.903 min Scan# 3

Delta R.T. 0.012 min

Lab File: BM044458.D

Acq: 01 Mar 2024 03:02

Instrument :

BNA_M

ClientSampleId :

E10A0MS

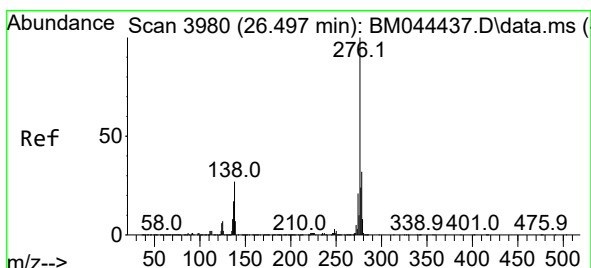
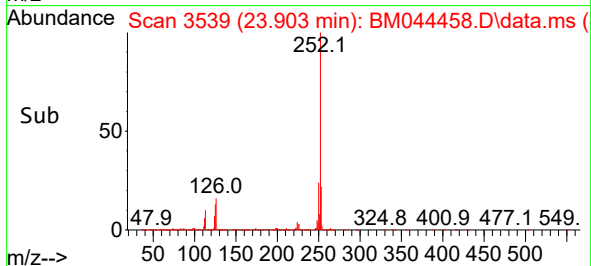
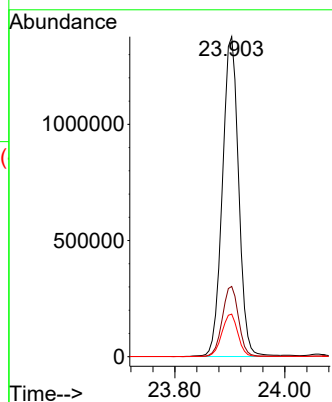
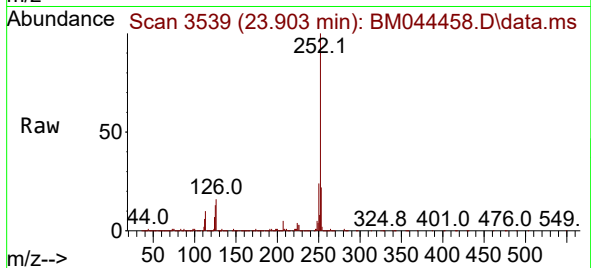
Tgt Ion:252 Resp: 2828852

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 13.3 10.8 16.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 45.013 ng/ul

RT: 26.574 min Scan# 3993

Delta R.T. 0.018 min

Lab File: BM044458.D

Acq: 01 Mar 2024 03:02

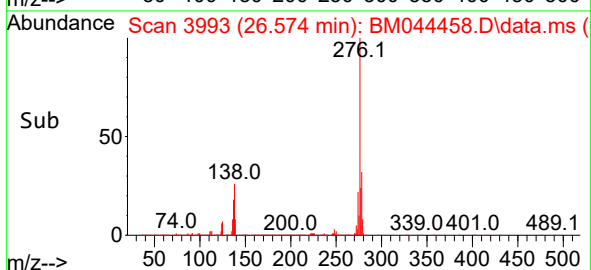
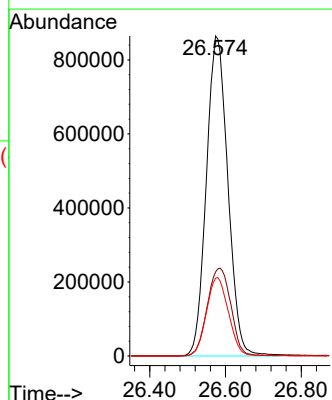
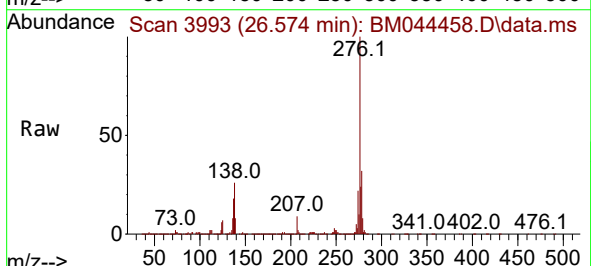
Tgt Ion:276 Resp: 3403729

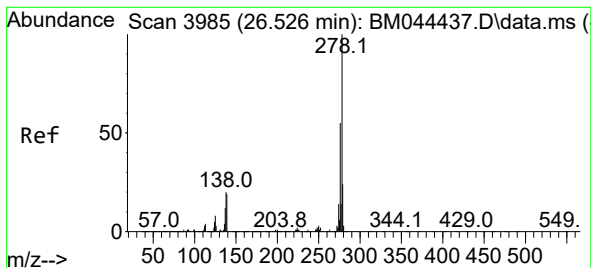
Ion Ratio Lower Upper

276 100

138 26.3 22.1 33.1

277 24.3 19.9 29.9





#95

Dibenzo(a,h)anthracene

Concen: 45.095 ng/ul

RT: 26.603 min Scan# 3985

Delta R.T. 0.018 min

Lab File: BM044458.D

Acq: 01 Mar 2024 03:02

Instrument :

BNA_M

ClientSampleId :

E10A0MS

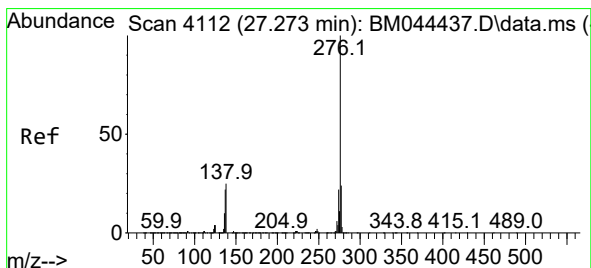
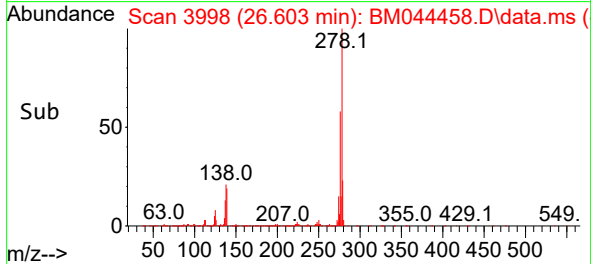
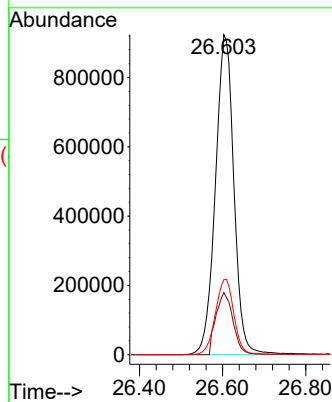
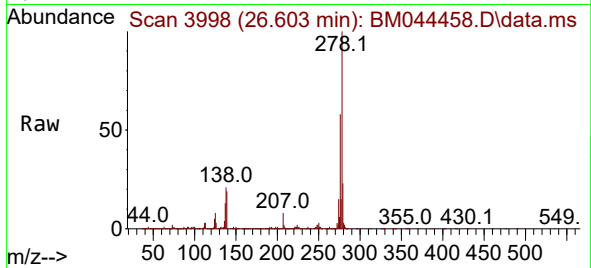
Tgt Ion:278 Resp: 2849524

Ion Ratio Lower Upper

278 100

139 19.4 14.9 22.3

279 23.5 19.5 29.3



#96

Benzo(g,h,i)perylene

Concen: 44.557 ng/ul

RT: 27.362 min Scan# 4127

Delta R.T. 0.018 min

Lab File: BM044458.D

Acq: 01 Mar 2024 03:02

Tgt Ion:276 Resp: 2725398

Ion Ratio Lower Upper

276 100

138 26.2 21.6 32.4

277 23.7 18.5 27.7

