

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081222\
 Data File : BM036265.D
 Acq On : 13 Aug 2022 13:22
 Operator : CG/JU
 Sample : PB146949BL
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 14 23:02:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 12 11:23:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	189190	20.000	ng/u1	0.00
20) Naphthalene-d8	10.610	136	784257	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.451	164	444839	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.198	188	900880	20.000	ng/u1	0.00
79) Chrysene-d12	21.380	240	975982	20.000	ng/u1	0.00
88) Perylene-d12	23.715	264	1045920	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	30547	6.076	ng/uL	0.00
4) Pyridine-d5	3.640	84	307840	22.350	ng/u1	0.00
7) Phenol-d5	6.998	99	507327	31.977	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.145	67	303898	28.733	ng/u1	0.00
11) 2-Chlorophenol-d4	7.345	132	410952	31.206	ng/u1	0.00
15) 4-Methylphenol-d8	8.539	113	377184	29.346	ng/u1	-0.01
21) Nitrobenzene-d5	8.980	128	196658	31.645	ng/u1	0.00
24) 2-Nitrophenol-d4	9.698	143	201332	33.253	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.239	165	358812	32.766	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.763	131	406042	21.903	ng/u1	0.00
46) Dimethylphthalate-d6	13.874	166	961424	31.729	ng/u1	0.00
49) Acenaphthylene-d8	14.145	160	1197484	30.974	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.686	143	196725	31.616	ng/u1	-0.01
60) Fluorene-d10	15.445	176	867965	31.699	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.574	200	156385	32.294	ng/u1	0.00
73) Anthracene-d10	17.292	188	1359191	33.371	ng/u1	-0.01
81) Pyrene-d10	19.586	212	1599544	29.571	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.562	264	1776616	33.458	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	65387	12.550	ng/uL	97
5) Pyridine	3.657	79	409692	28.345	ng/u1	88
6) Benzaldehyde	6.951	77	272872	40.979	ng/u1	96
8) Phenol	7.022	94	524252	30.195	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.239	93	401680	28.777	ng/u1	97
12) 2-Chlorophenol	7.375	128	418846	31.004	ng/u1	99
13) 2-Methylphenol	8.269	108	382566	29.495	ng/u1	92
14) 2,2'-oxybis(1-Chloropr...	8.351	45	511910	27.784	ng/u1	97
16) Acetophenone	8.639	105	596716	28.917	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.628	70	288292	28.015	ng/u1	93
18) 4-Methylphenol	8.604	108	409883	29.457	ng/u1	98
19) Hexachloroethane	8.881	117	170459	30.582	ng/u1	88
22) Nitrobenzene	9.022	77	447953	31.499	ng/u1	99
23) Isophorone	9.551	82	776898	28.940	ng/u1	98
25) 2-Nitrophenol	9.733	139	220731	32.861	ng/u1	96
26) 2,4-Dimethylphenol	9.798	107	416711	30.360	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.033	93	495650	29.275	ng/u1	100
29) 2,4-Dichlorophenol	10.269	162	359330	31.615	ng/u1	98
30) Naphthalene	10.663	128	1287651	31.106	ng/u1	99
32) 4-Chloroaniline	10.786	127	466881	25.353	ng/u1	98
33) Hexachlorobutadiene	10.939	225	213839	30.476	ng/u1	99
34) Caprolactam	11.574	113	109960	29.273	ng/u1	94
35) 4-Chloro-3-methylphenol	11.921	107	369968	31.304	ng/u1	99
36) 2-Methylnaphthalene	12.274	142	818739	30.231	ng/u1	100

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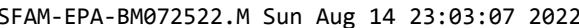
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 ClientSampleId :

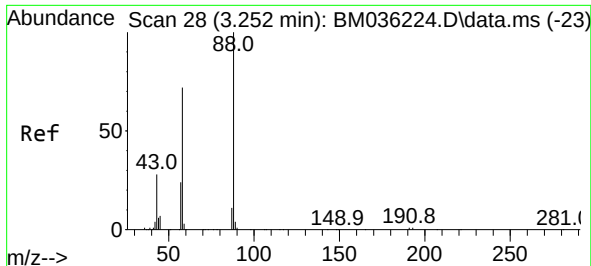
Quant Time: Aug 14 23:02:49 2022
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 QLast Update : Fri Aug 12 11:23:11 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.492	142	819221	30.009	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.645	216	394881	31.185	ng/ul	98
40) Hexachlorocyclopentadiene	12.616	237	202073	23.961	ng/ul	98
41) 2,4,6-Trichlorophenol	12.892	196	255745	31.560	ng/ul	99
42) 2,4,5-Trichlorophenol	12.968	196	277707	32.118	ng/ul	99
43) 1,1'-Biphenyl	13.292	154	1047323	30.589	ng/ul	100
44) 2-Chloronaphthalene	13.327	162	829006	31.549	ng/ul	99
45) 2-Nitroaniline	13.551	65	235249	32.474	ng/ul	97
47) Dimethylphthalate	13.921	163	964095	31.631	ng/ul	100
48) 2,6-Dinitrotoluene	14.045	165	198189	32.752	ng/ul	94
50) Acenaphthylene	14.174	152	1357503	31.741	ng/ul	99
51) 3-Nitroaniline	14.374	138	233910	34.976	ng/ul	99
52) Acenaphthene	14.515	153	872959	31.463	ng/ul	98
53) 2,4-Dinitrophenol	14.586	184	101288	29.480	ng/ul	96
55) 4-Nitrophenol	14.698	109	148488	31.201	ng/ul	85
56) Dibenzofuran	14.851	168	1223897	31.880	ng/ul	97
57) 2,4-Dinitrotoluene	14.827	165	291729	34.201	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.080	232	211749	31.169	ng/ul#	90
59) Diethylphthalate	15.280	149	975913	31.655	ng/ul	99
61) Fluorene	15.498	166	993657	31.685	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.498	204	455275	30.300	ng/ul	97
63) 4-Nitroaniline	15.539	138	240556	39.072	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.586	198	157441	32.491	ng/ul	93
67) N-Nitrosodiphenylamine	15.715	169	822941	31.072	ng/ul	99
68) 4-Bromophenyl-phenylether	16.392	248	267929	30.337	ng/ul	97
69) Hexachlorobenzene	16.498	284	329050	30.578	ng/ul	99
70) Atrazine	16.668	200	195629	21.296	ng/ul	99
71) Pentachlorophenol	16.851	266	179326	27.278	ng/ul	100
72) Phenanthrene	17.239	178	1573537	32.589	ng/ul	98
74) Anthracene	17.327	178	1586534	32.745	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.251	216	387786	27.680	ng/uL	98
76) Pentachlorobenzene	14.768	250	379625	29.893	ng/uL	99
77) Carbazole	17.609	167	1531667	34.228	ng/ul	99
78) Di-n-butylphthalate	18.168	149	1653430	32.748	ng/ul	99
80) Fluoranthene	19.256	202	1888326	29.219	ng/ul	97
82) Pyrene	19.615	202	1970906	29.588	ng/ul	98
83) Butylbenzylphthalate	20.521	149	780893	32.232	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.303	252	709462	39.392	ng/ul	99
85) Benzo(a)anthracene	21.362	228	1996449	32.500	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.297	149	1102441	31.492	ng/ul	99
87) Chrysene	21.415	228	1974636	32.945	ng/ul	100
89) Di-n-octyl phthalate	22.197	149	1935342	28.654	ng/ul	100
90) Benzo(b)fluoranthene	23.003	252	2169892	31.086	ng/ul	98
91) Benzo(k)fluoranthene	23.050	252	2058480	31.077	ng/ul	97
93) Benzo(a)pyrene	23.615	252	2151096	32.354	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.138	276	2555727	36.063	ng/ul	94
95) Dibenzo(a,h)anthracene	26.150	278	2204344	36.256	ng/ul	97
96) Benzo(g,h,i)perylene	26.879	276	2174015	37.019	ng/ul	96

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

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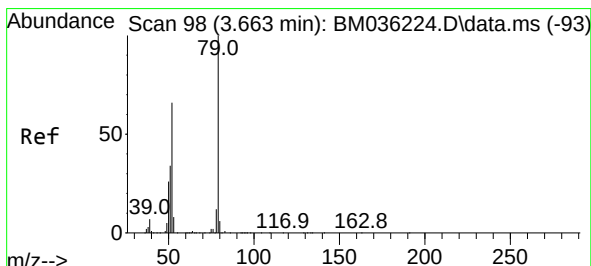
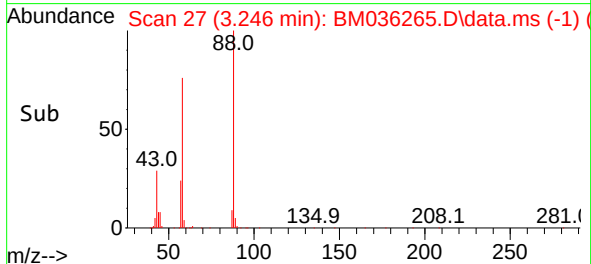
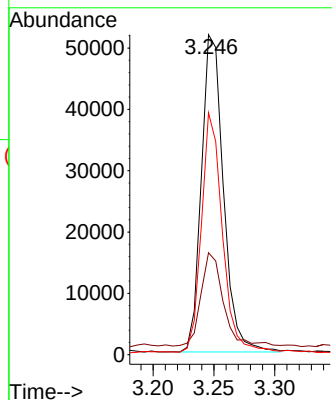
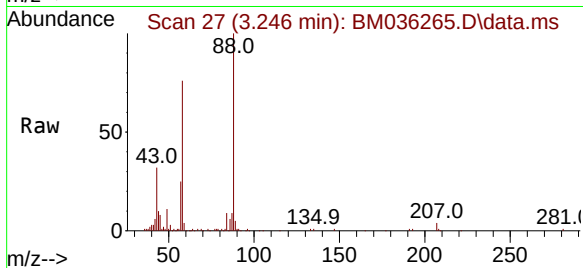




#2
1,4-Dioxane
Concen: 12.550 ng/uL
RT: 3.246 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM036265.D
Acq: 13 Aug 2022 13:22

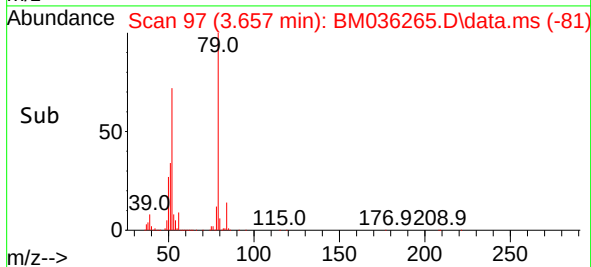
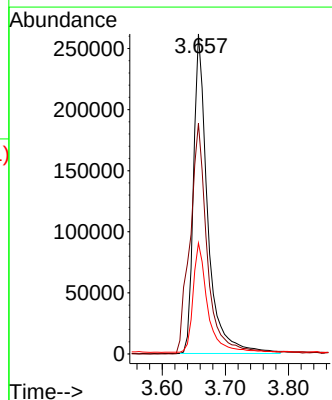
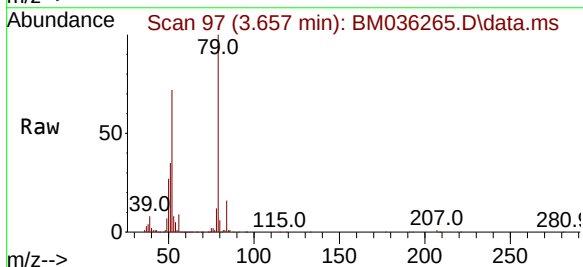
Instrument :
BNA_M
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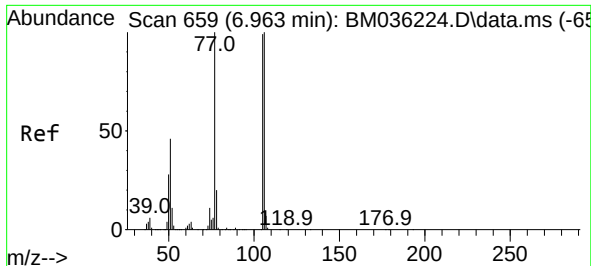
Tgt Ion: 88 Resp: 65387
Ion Ratio Lower Upper
88 100
43 31.9 27.8 41.8
58 75.6 61.8 92.8



#5
Pyridine
Concen: 28.345 ng/uL
RT: 3.657 min Scan# 97
Delta R.T. -0.006 min
Lab File: BM036265.D
Acq: 13 Aug 2022 13:22

Tgt Ion: 79 Resp: 409692
Ion Ratio Lower Upper
79 100
52 72.1 67.8 101.6
51 34.7 31.4 47.0

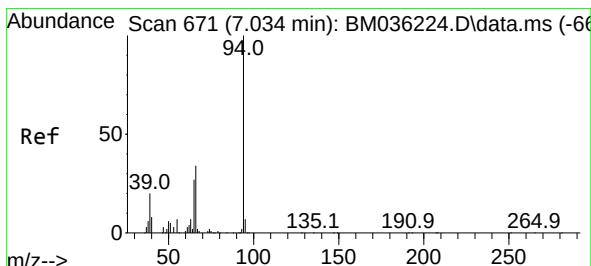
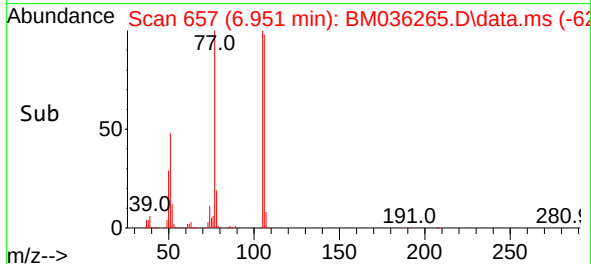
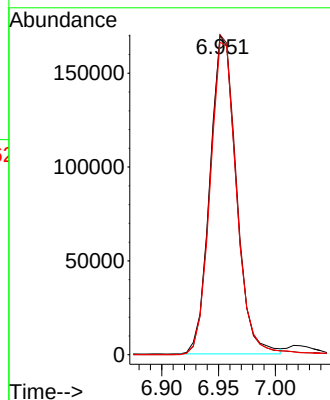
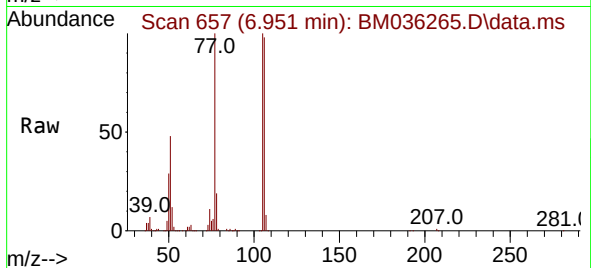




#6
Benzaldehyde
Concen: 40.979 ng/ul
RT: 6.951 min Scan# 611
Delta R.T. -0.012 min
Lab File: BM036265.D
Acq: 13 Aug 2022 13:22

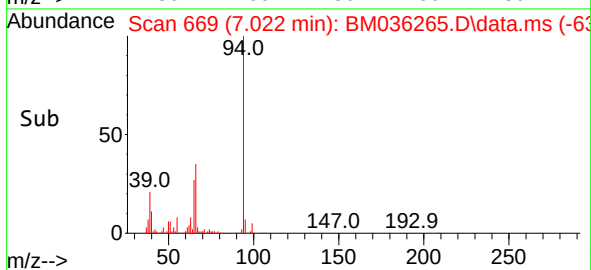
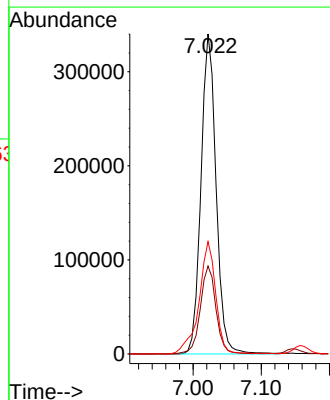
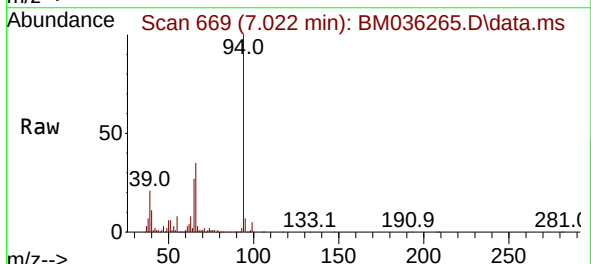
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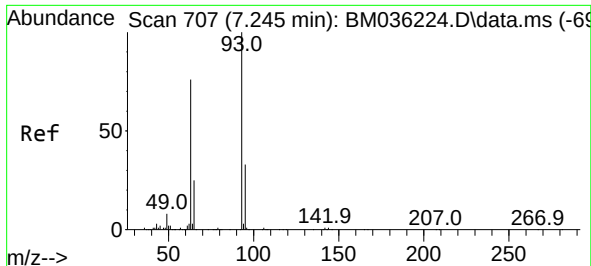
Tgt Ion: 77 Resp: 272872
Ion Ratio Lower Upper
77 100
105 100.2 84.6 127.0
106 97.9 80.3 120.5



#8
Phenol
Concen: 30.195 ng/ul
RT: 7.022 min Scan# 669
Delta R.T. -0.012 min
Lab File: BM036265.D
Acq: 13 Aug 2022 13:22

Tgt Ion: 94 Resp: 524252
Ion Ratio Lower Upper
94 100
65 27.5 21.3 31.9
66 35.1 27.4 41.0

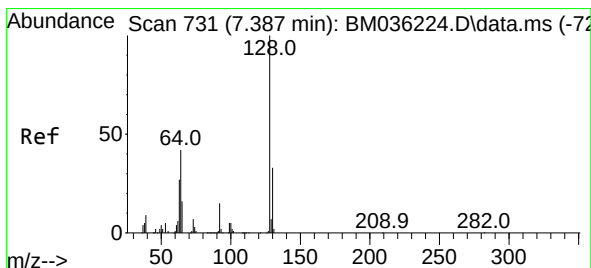
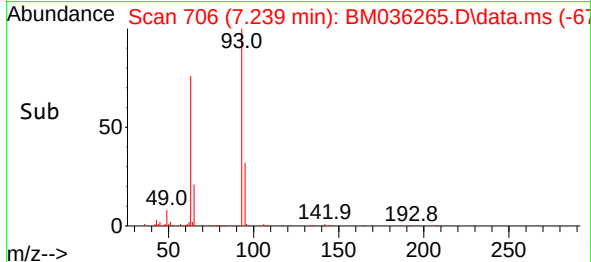
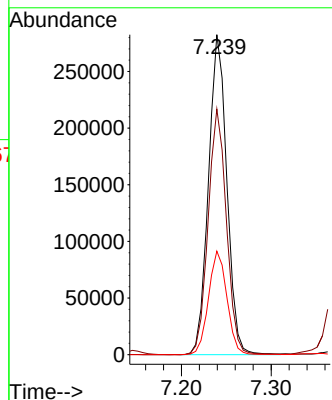
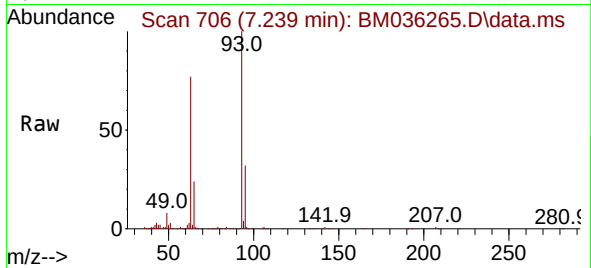




#10
 Bis(2-Chloroethyl)ether
 Concen: 28.777 ng/ul
 RT: 7.239 min Scan# 706
 Delta R.T. -0.006 min
 Lab File: BM036265.D
 Acq: 13 Aug 2022 13:22

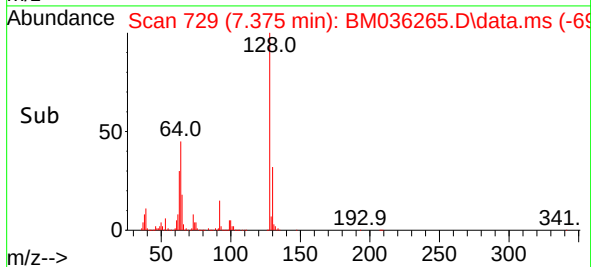
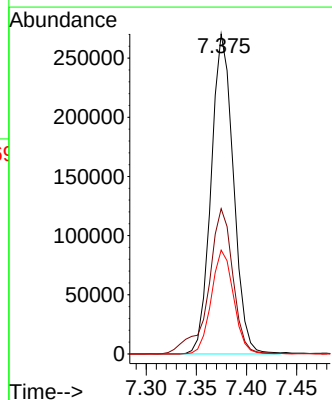
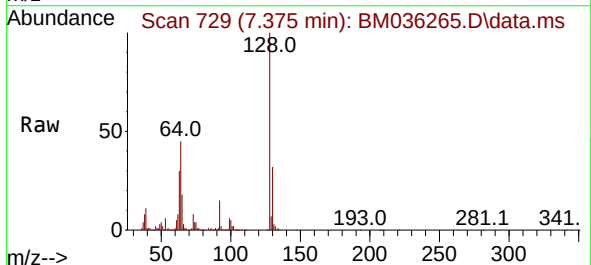
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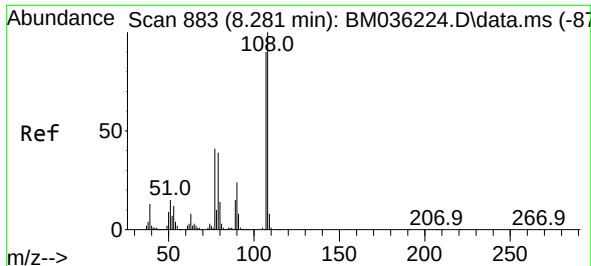
Tgt Ion: 93 Resp: 401680
 Ion Ratio Lower Upper
 93 100
 63 76.7 64.0 96.0
 95 32.3 25.8 38.6



#12
 2-Chlorophenol
 Concen: 31.004 ng/ul
 RT: 7.375 min Scan# 729
 Delta R.T. -0.012 min
 Lab File: BM036265.D
 Acq: 13 Aug 2022 13:22

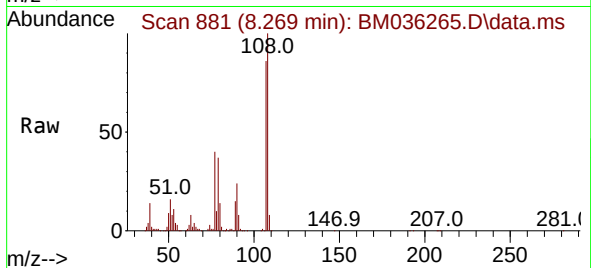
Tgt Ion:128 Resp: 418846
 Ion Ratio Lower Upper
 128 100
 64 45.4 36.9 55.3
 130 32.5 25.6 38.4



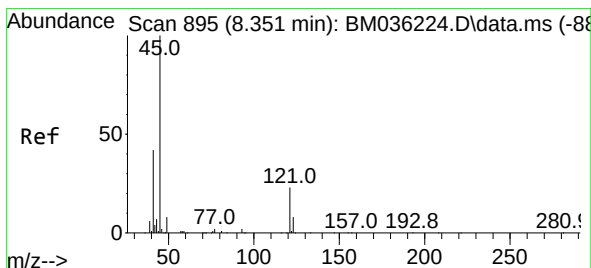
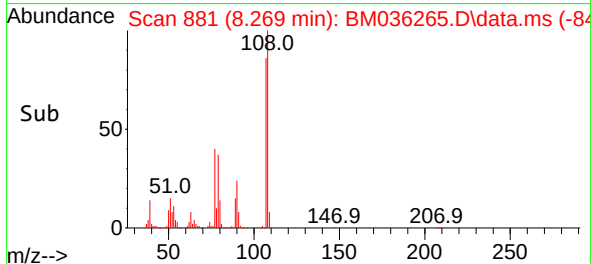
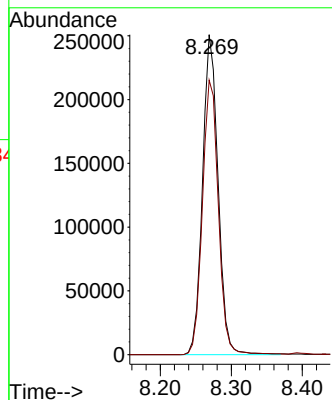


#13
2-Methylphenol
Concen: 29.495 ng/ul
RT: 8.269 min Scan# 881
Delta R.T. -0.012 min
Lab File: BM036265.D
Acq: 13 Aug 2022 13:22

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BNA_M
ClientSampleId :

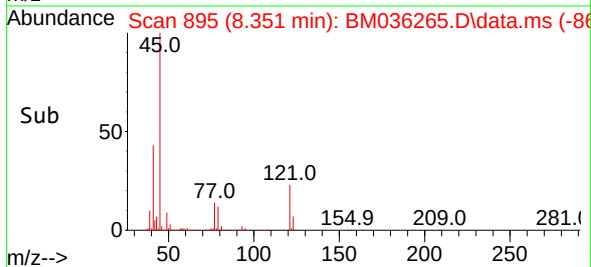
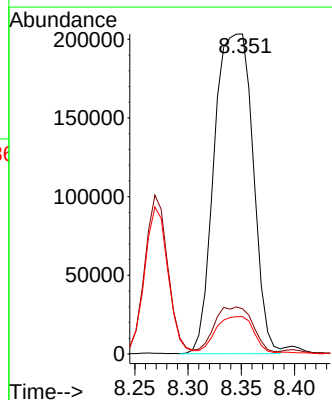
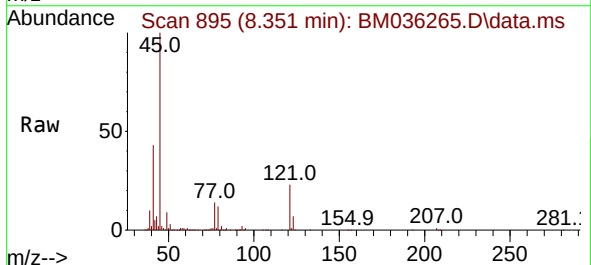


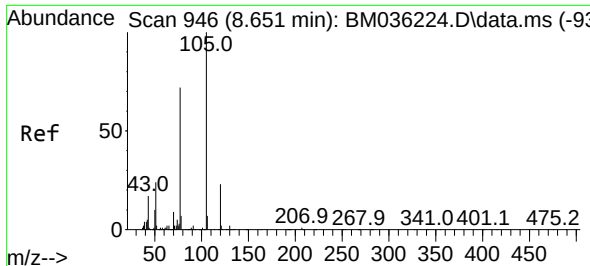
Tgt Ion:108 Resp: 382566
Ion Ratio Lower Upper
108 100
107 85.8 75.0 112.4



#14
2,2'-oxybis(1-Chloropropane)
Concen: 27.784 ng/ul
RT: 8.351 min Scan# 895
Delta R.T. -0.000 min
Lab File: BM036265.D
Acq: 13 Aug 2022 13:22

Tgt Ion: 45 Resp: 511910
Ion Ratio Lower Upper
45 100
77 14.1 10.6 15.8
79 11.7 8.3 12.5

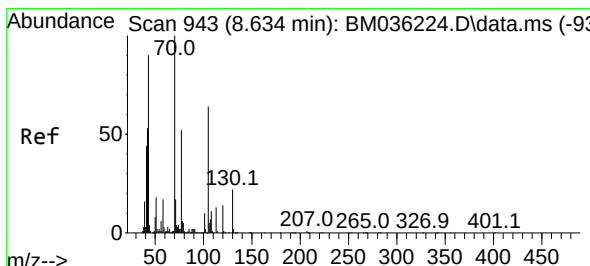
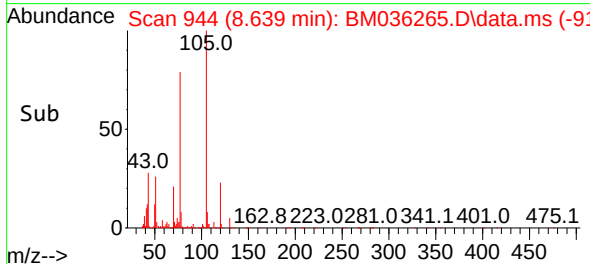
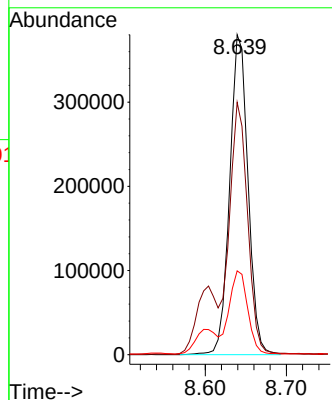
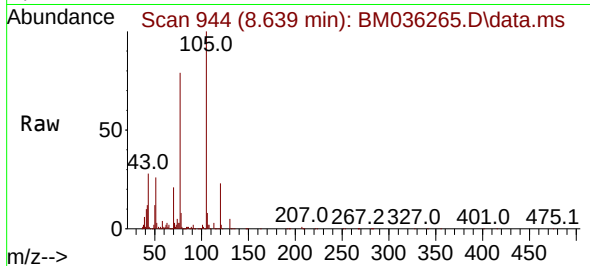




#16
Acetophenone
Concen: 28.917 ng/ul
RT: 8.639 min Scan# 941
Delta R.T. -0.012 min
Lab File: BM036265.D
Acq: 13 Aug 2022 13:22

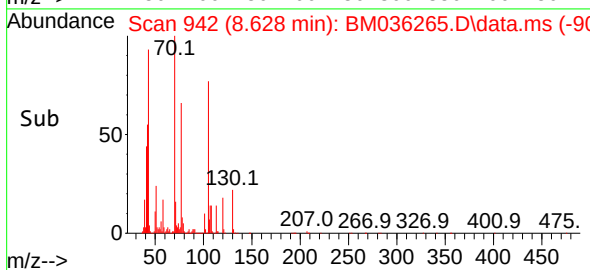
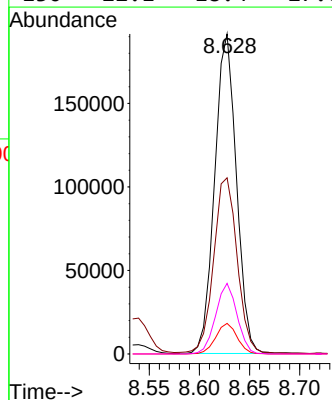
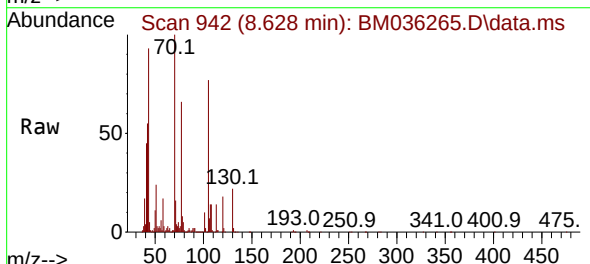
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BNA_M
ClientSampleId :

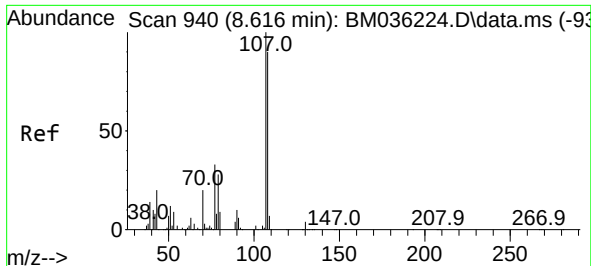
Tgt Ion:105 Resp: 596716
Ion Ratio Lower Upper
105 100
77 78.8 59.8 89.6
51 26.2 22.1 33.1



#17
N-Nitroso-di-n-propylamine
Concen: 28.015 ng/ul
RT: 8.628 min Scan# 942
Delta R.T. -0.006 min
Lab File: BM036265.D
Acq: 13 Aug 2022 13:22

Tgt Ion: 70 Resp: 288292
Ion Ratio Lower Upper
70 100
42 55.0 49.6 74.4
101 9.5 8.1 12.1
130 22.1 18.4 27.6

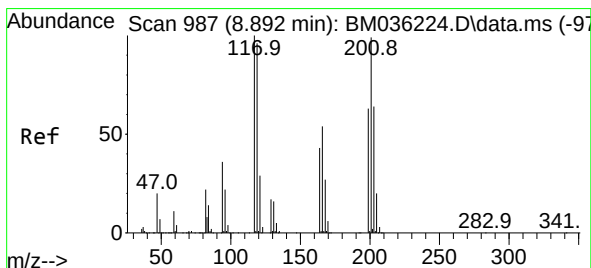
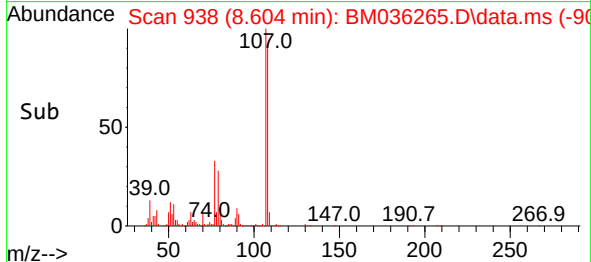
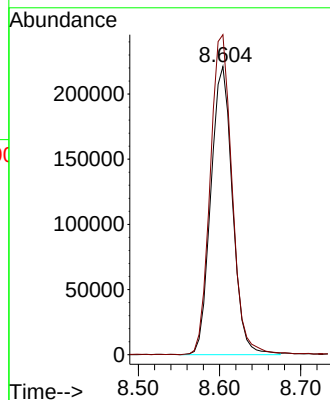
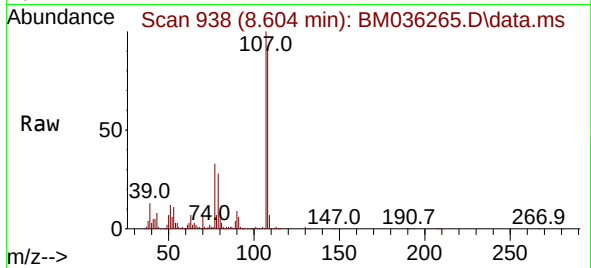




#18
4-Methylphenol
Concen: 29.457 ng/ul
RT: 8.604 min Scan# 911
Delta R.T. -0.012 min
Lab File: BM036265.D
Acq: 13 Aug 2022 13:22

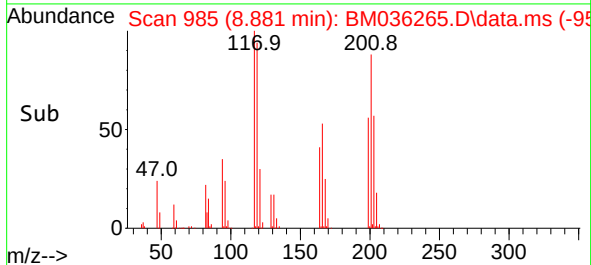
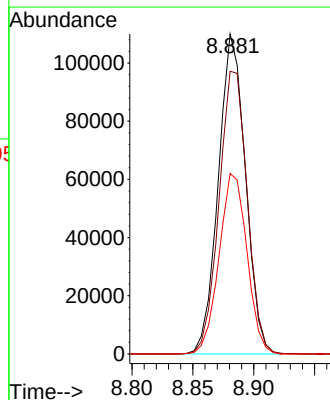
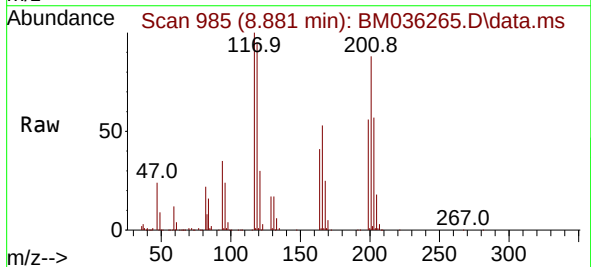
Instrument :
BNA_M
ClientSampleId :

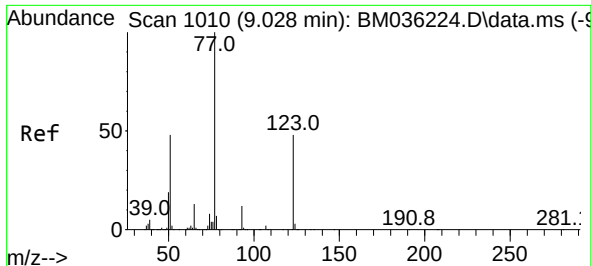
Tgt Ion:108 Resp: 409883
Ion Ratio Lower Upper
108 100
107 111.1 90.3 135.5



#19
Hexachloroethane
Concen: 30.582 ng/ul
RT: 8.881 min Scan# 985
Delta R.T. -0.012 min
Lab File: BM036265.D
Acq: 13 Aug 2022 13:22

Tgt Ion:117 Resp: 170459
Ion Ratio Lower Upper
117 100
201 88.3 81.8 122.6
199 56.4 51.6 77.4

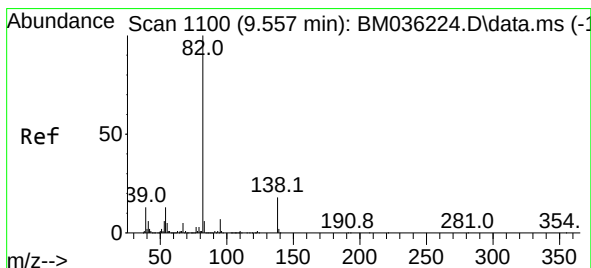
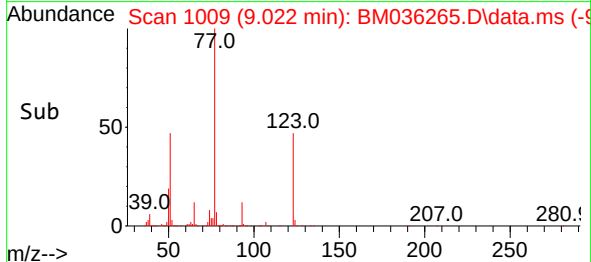
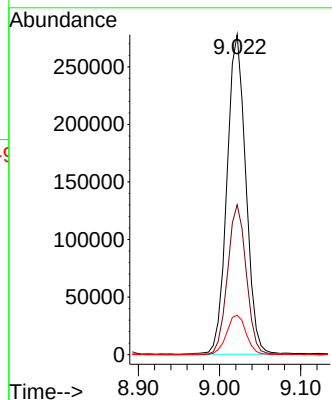
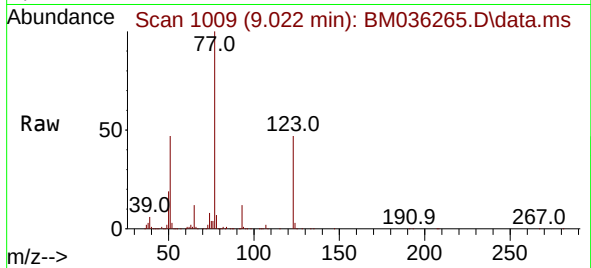




#22
Nitrobenzene
Concen: 31.499 ng/ul
RT: 9.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BM036265.D
Acq: 13 Aug 2022 13:22

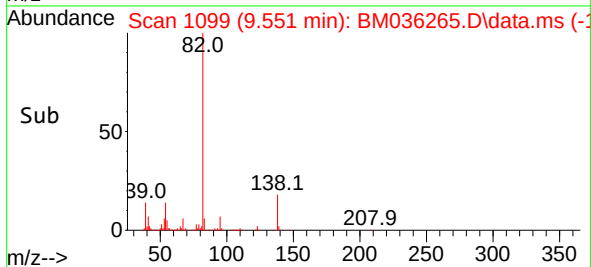
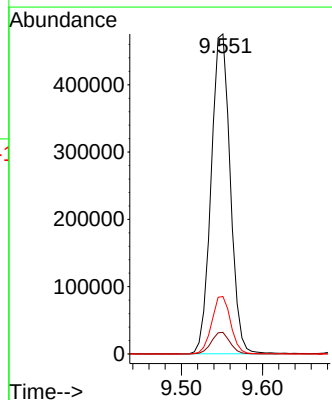
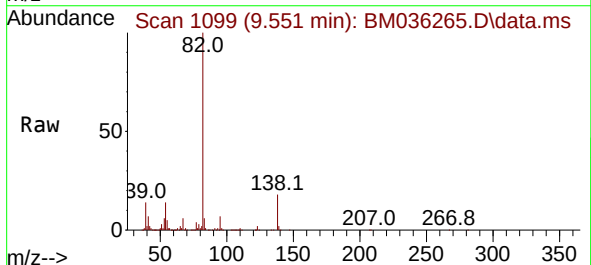
Instrument :
BNA_M
ClientSampleId :

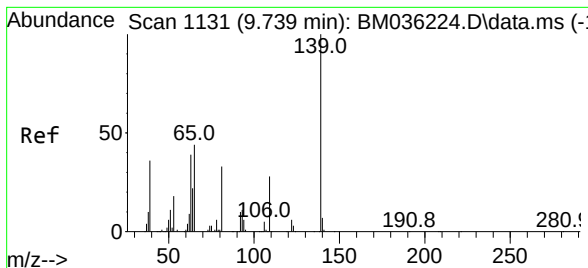
Tgt Ion: 77 Resp: 447953
Ion Ratio Lower Upper
77 100
123 46.9 37.4 56.0
65 12.4 10.8 16.2



#23
Isophorone
Concen: 28.940 ng/ul
RT: 9.551 min Scan# 1099
Delta R.T. -0.006 min
Lab File: BM036265.D
Acq: 13 Aug 2022 13:22

Tgt Ion: 82 Resp: 776898
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 17.9 15.3 22.9





#25

2-Nitrophenol

Concen: 32.861 ng/ul

RT: 9.733 min Scan# 1131

Delta R.T. -0.006 min

Lab File: BM036265.D

Acq: 13 Aug 2022 13:22

Instrument :

BNA_M

ClientSampleId :

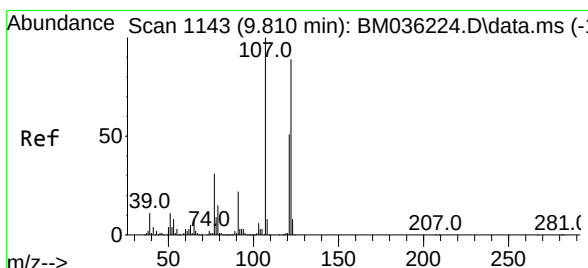
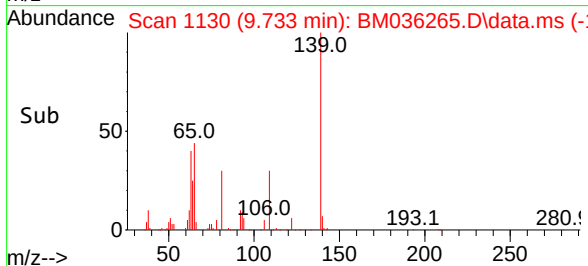
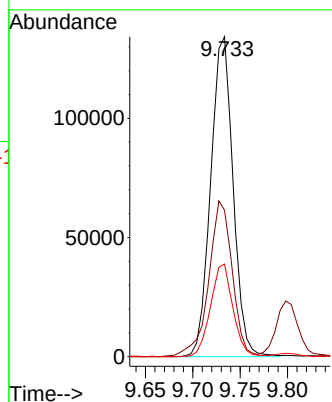
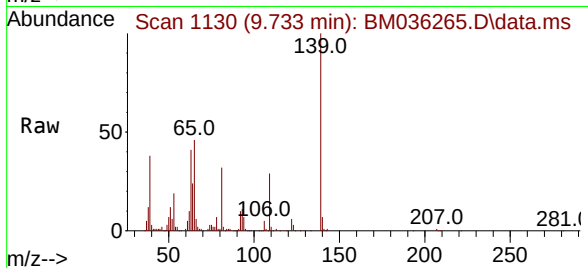
Tgt Ion:139 Resp: 220731

Ion Ratio Lower Upper

139 100

65 45.8 39.8 59.6

109 29.0 22.2 33.4



#26

2,4-Dimethylphenol

Concen: 30.360 ng/ul

RT: 9.798 min Scan# 1141

Delta R.T. -0.012 min

Lab File: BM036265.D

Acq: 13 Aug 2022 13:22

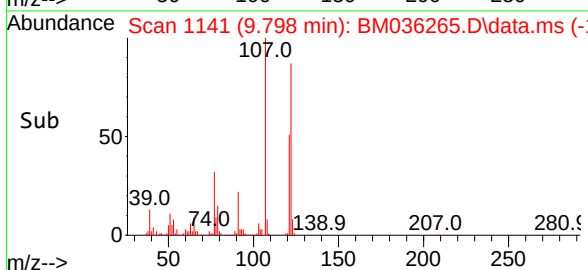
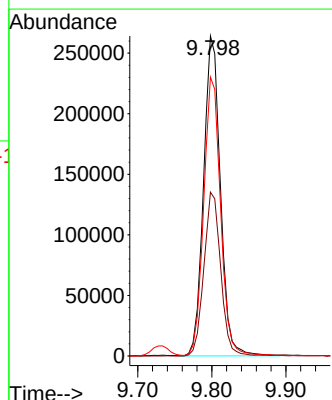
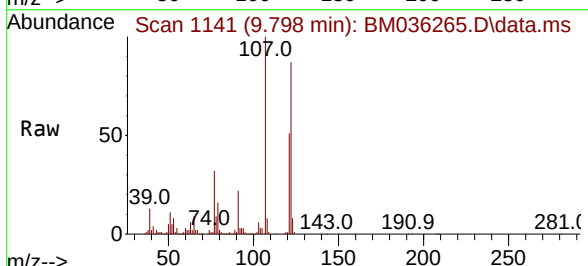
Tgt Ion:107 Resp: 416711

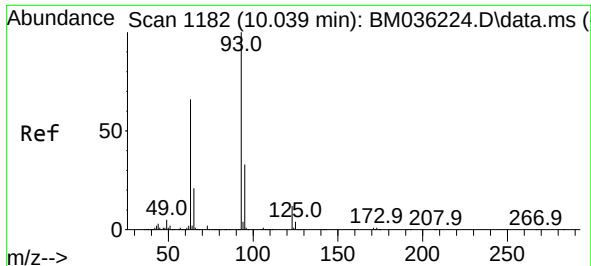
Ion Ratio Lower Upper

107 100

121 51.2 42.7 64.1

122 87.2 71.5 107.3





#27

Bis(2-Chloroethoxy)methane

Concen: 29.275 ng/ul

RT: 10.033 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BM036265.D

Acq: 13 Aug 2022 13:22

Instrument :

BNA_M

ClientSampleId :

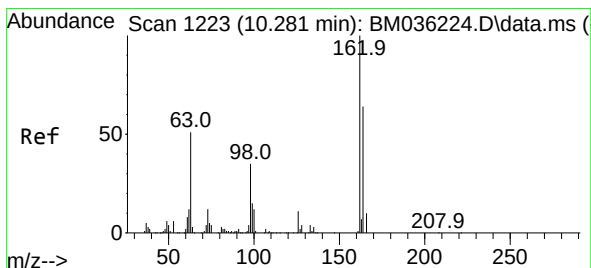
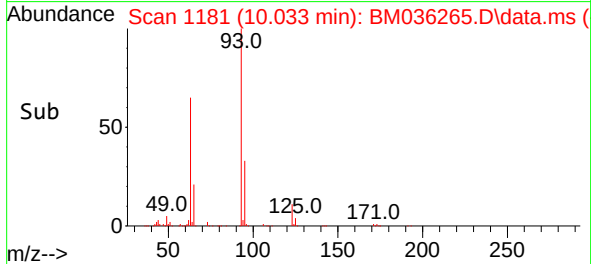
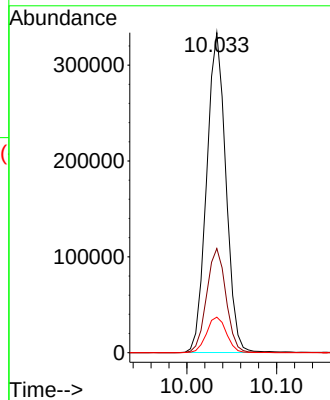
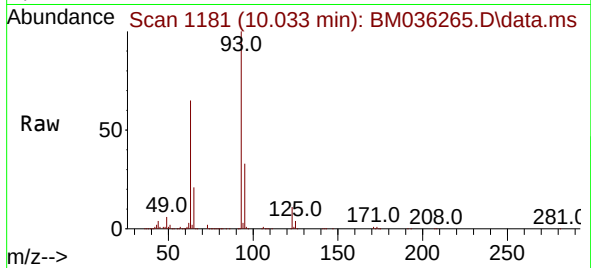
Tgt Ion: 93 Resp: 495650

Ion Ratio Lower Upper

93 100

95 32.6 26.1 39.1

123 11.1 9.4 14.0



#29

2,4-Dichlorophenol

Concen: 31.615 ng/ul

RT: 10.269 min Scan# 1221

Delta R.T. -0.012 min

Lab File: BM036265.D

Acq: 13 Aug 2022 13:22

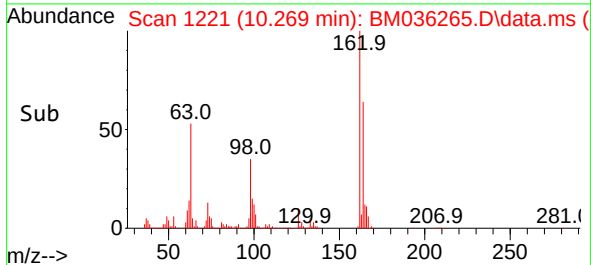
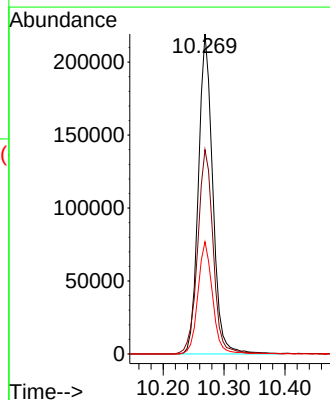
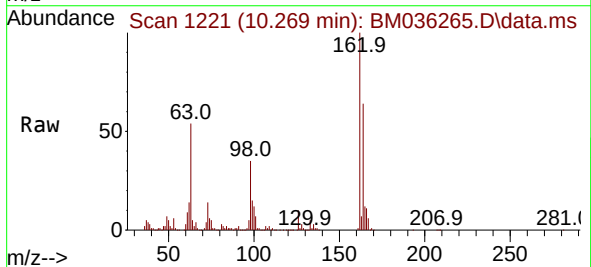
Tgt Ion:162 Resp: 359330

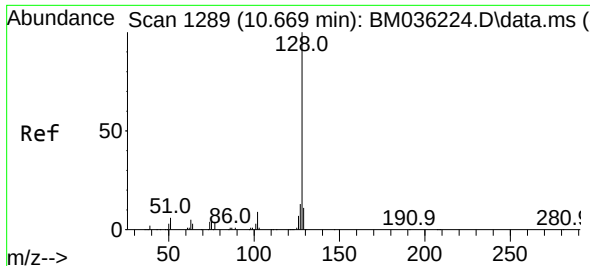
Ion Ratio Lower Upper

162 100

164 63.9 51.8 77.6

98 35.0 29.5 44.3

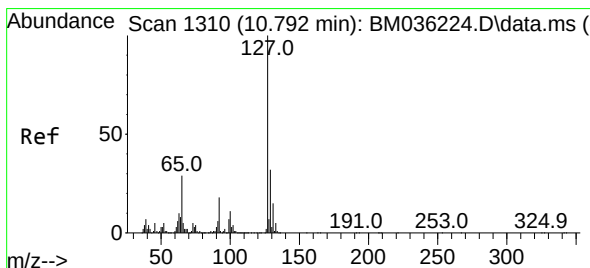
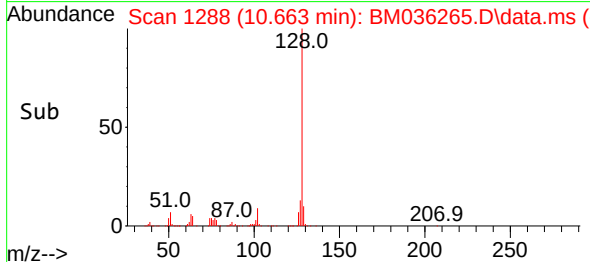
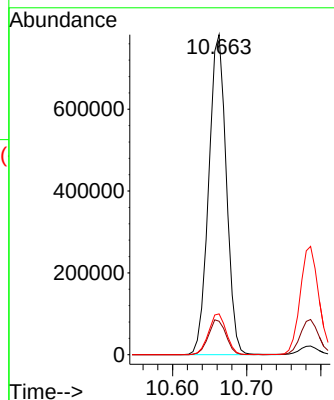
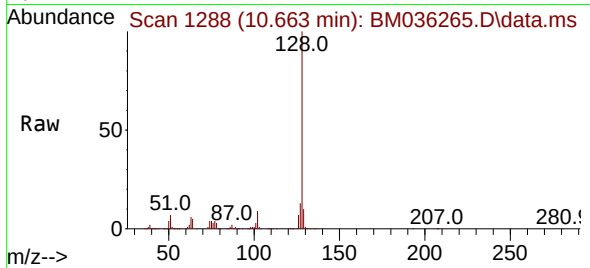




#30
Naphthalene
Concen: 31.106 ng/ul
RT: 10.663 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM036265.D
Acq: 13 Aug 2022 13:22

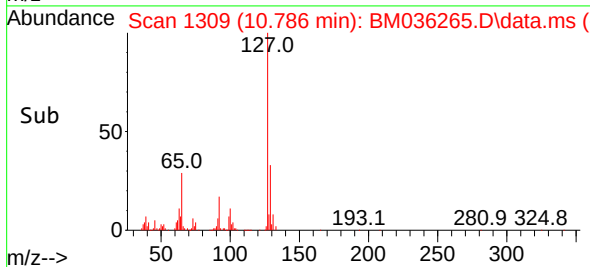
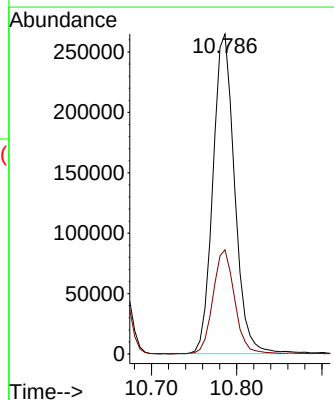
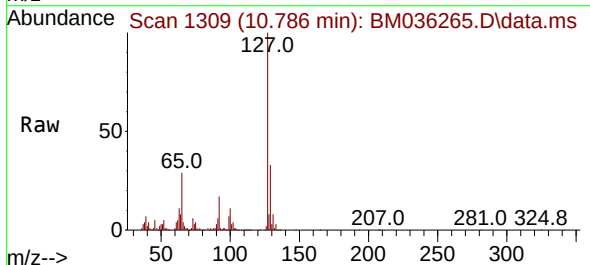
Instrument :
BNA_M
ClientSampleId :

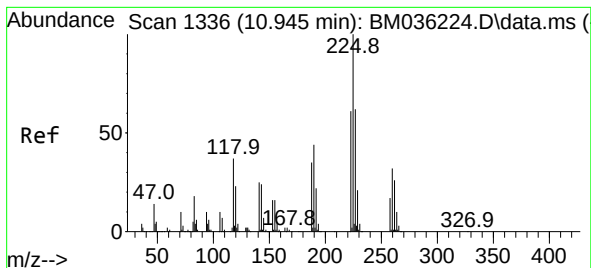
Tgt Ion:128 Resp: 1287651
Ion Ratio Lower Upper
128 100
129 10.5 8.8 13.2
127 12.7 10.6 16.0



#32
4-Chloroaniline
Concen: 25.353 ng/ul
RT: 10.786 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BM036265.D
Acq: 13 Aug 2022 13:22

Tgt Ion:127 Resp: 466881
Ion Ratio Lower Upper
127 100
129 32.5 25.3 37.9





#33

Hexachlorobutadiene

Concen: 30.476 ng/ul

RT: 10.939 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM036265.D

Acq: 13 Aug 2022 13:22

Instrument :

BNA_M

ClientSampleId :

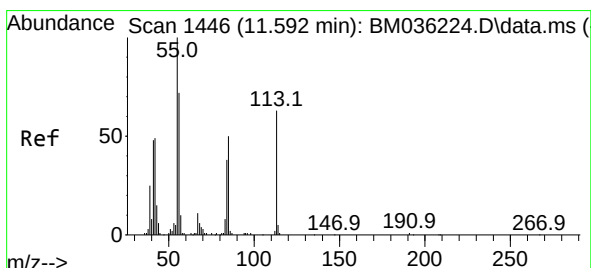
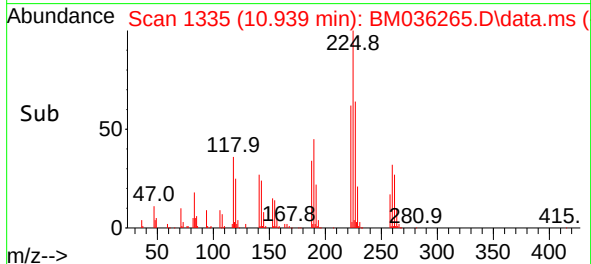
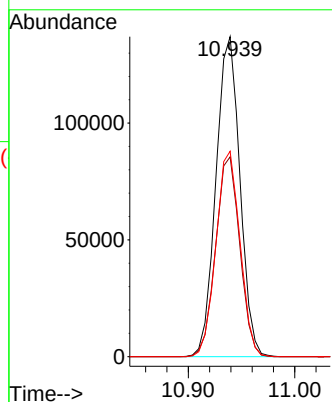
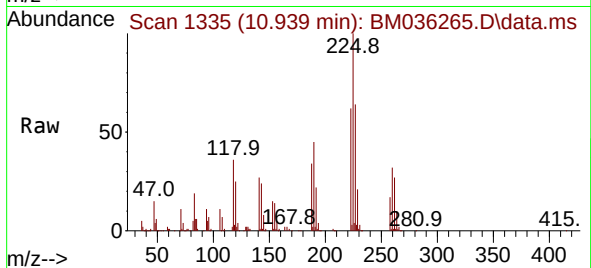
Tgt Ion:225 Resp: 213839

Ion Ratio Lower Upper

225 100

223 62.4 50.0 75.0

227 64.2 49.9 74.9



#34

Caprolactam

Concen: 29.273 ng/ul

RT: 11.574 min Scan# 1443

Delta R.T. -0.018 min

Lab File: BM036265.D

Acq: 13 Aug 2022 13:22

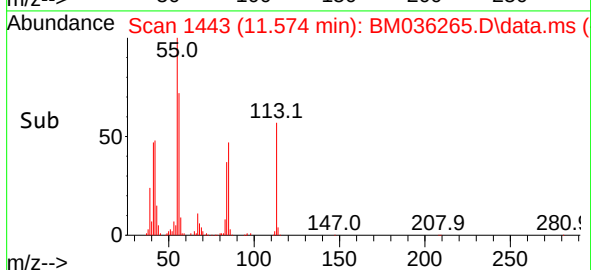
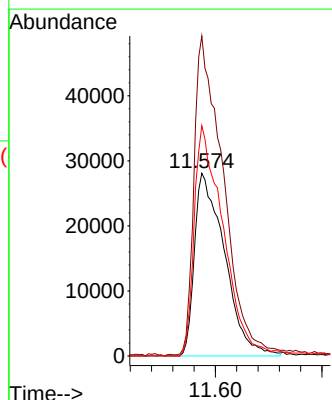
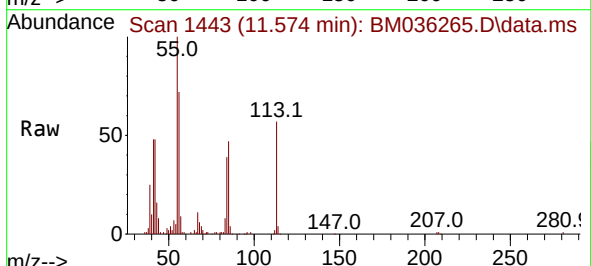
Tgt Ion:113 Resp: 109960

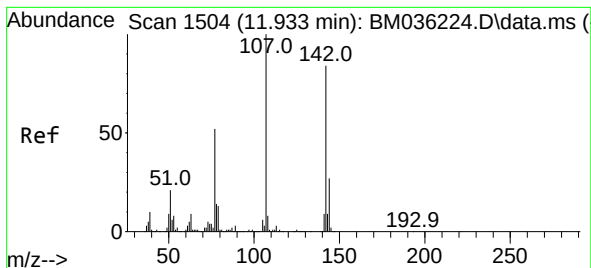
Ion Ratio Lower Upper

113 100

55 175.2 150.2 225.4

56 126.1 102.1 153.1

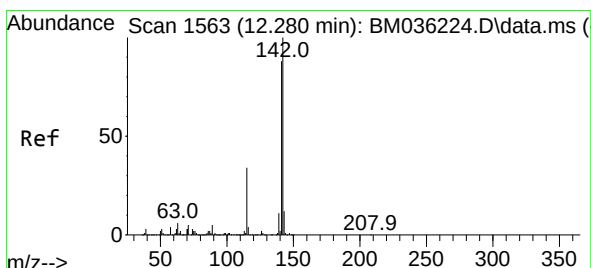
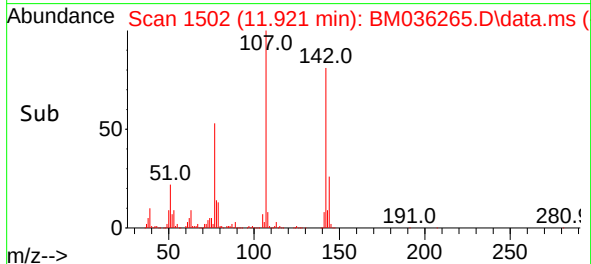
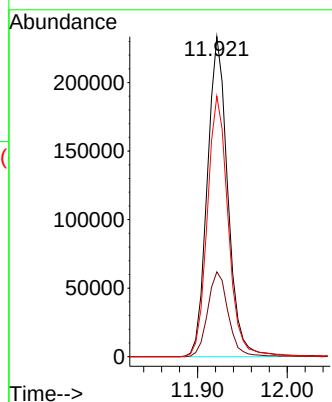
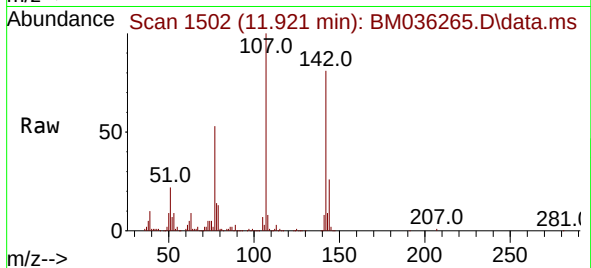




#35
 4-Chloro-3-methylphenol
 Concen: 31.304 ng/ul
 RT: 11.921 min Scan# 1502
 Delta R.T. -0.012 min
 Lab File: BM036265.D
 Acq: 13 Aug 2022 13:22

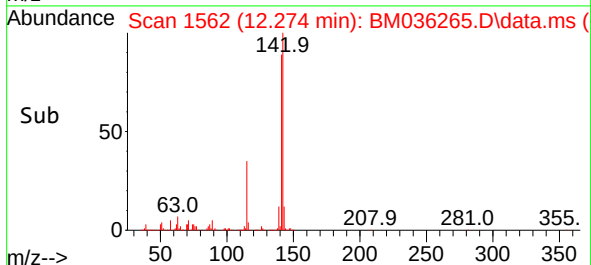
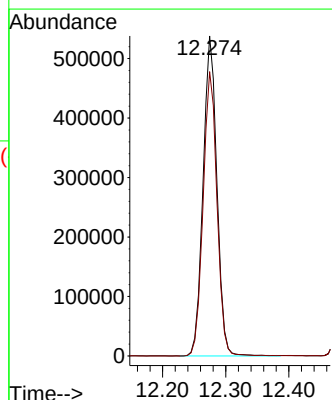
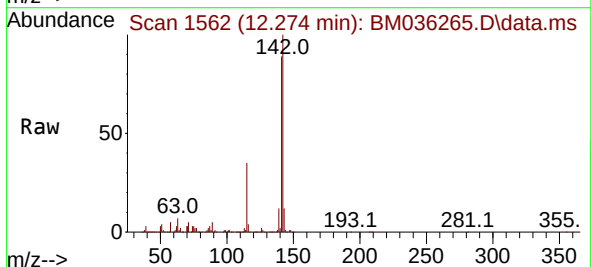
Instrument :
 BNA_M
 ClientSampleId :

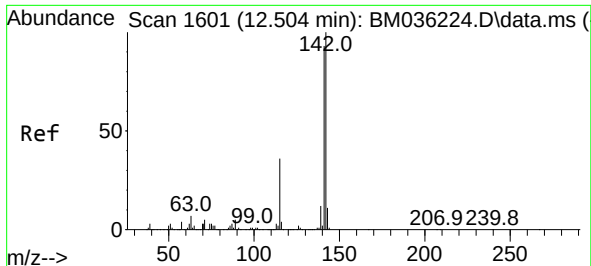
Tgt Ion:107 Resp: 369968
 Ion Ratio Lower Upper
 107 100
 144 26.5 20.3 30.5
 142 81.5 64.4 96.6



#36
 2-Methylnaphthalene
 Concen: 30.231 ng/ul
 RT: 12.274 min Scan# 1562
 Delta R.T. -0.006 min
 Lab File: BM036265.D
 Acq: 13 Aug 2022 13:22

Tgt Ion:142 Resp: 818739
 Ion Ratio Lower Upper
 142 100
 141 88.8 70.7 106.1





#37

1-Methylnaphthalene

Concen: 30.009 ng/ul

RT: 12.492 min Scan# 1599

Delta R.T. -0.012 min

Lab File: BM036265.D

Acq: 13 Aug 2022 13:22

Instrument :

BNA_M

ClientSampleId :

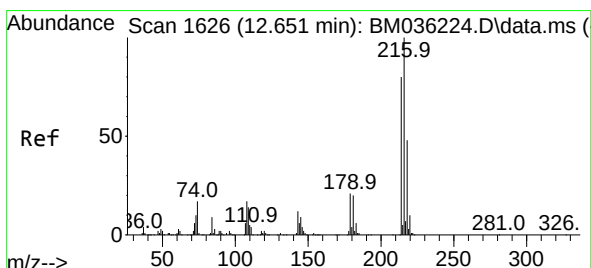
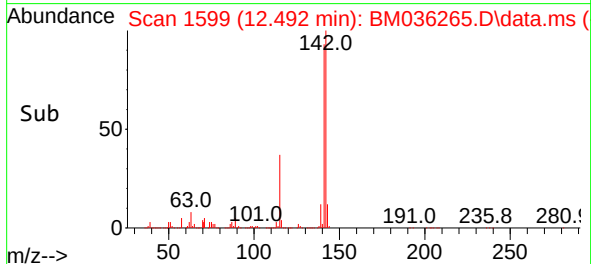
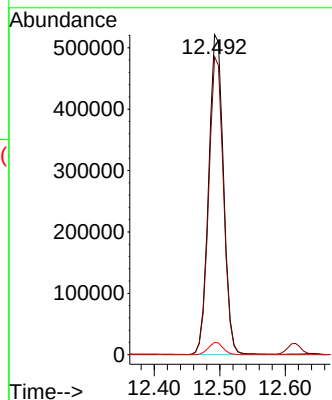
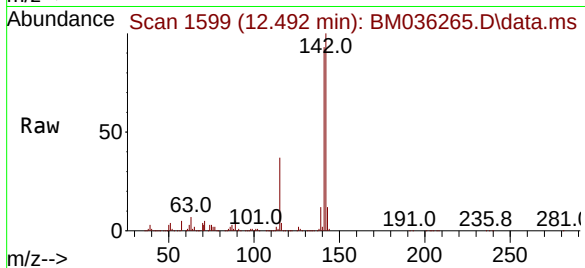
Tgt Ion:142 Resp: 819221

Ion Ratio Lower Upper

142 100

141 93.1 75.2 112.8

116 3.9 2.6 3.8#



#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.185 ng/ul

RT: 12.645 min Scan# 1625

Delta R.T. -0.006 min

Lab File: BM036265.D

Acq: 13 Aug 2022 13:22

Tgt Ion:216 Resp: 394881

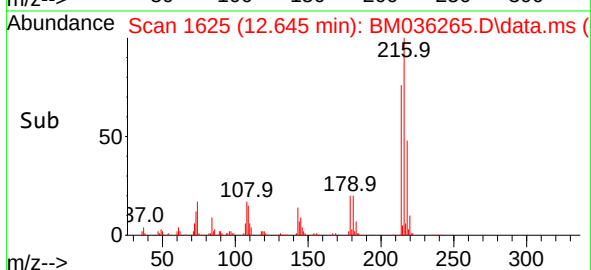
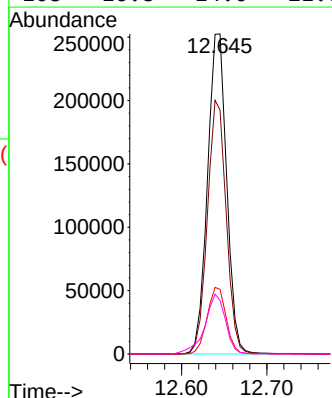
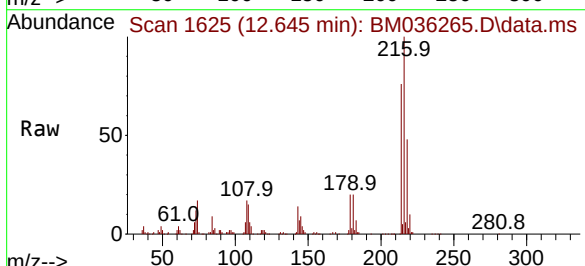
Ion Ratio Lower Upper

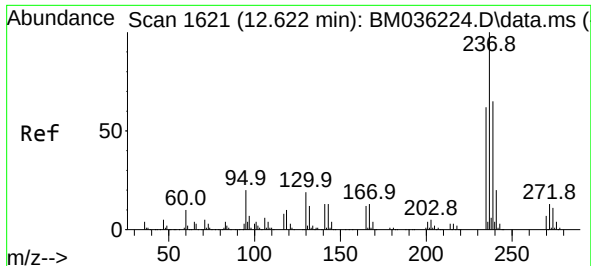
216 100

214 76.3 62.4 93.6

179 20.2 17.3 25.9

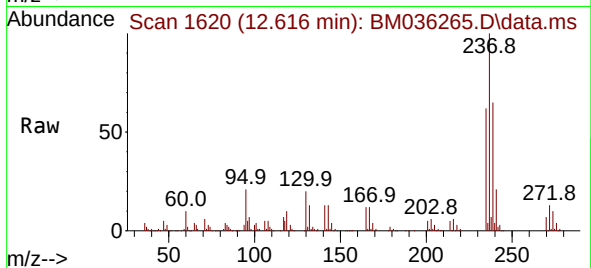
108 16.8 14.0 21.0



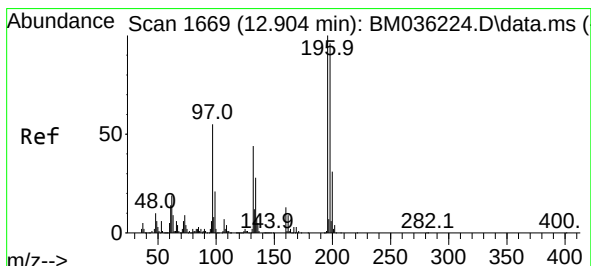
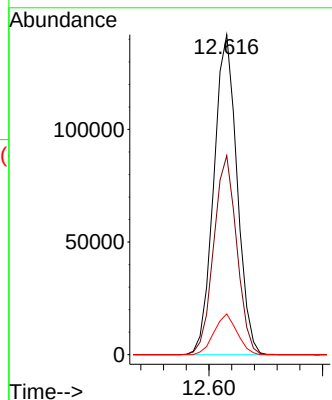
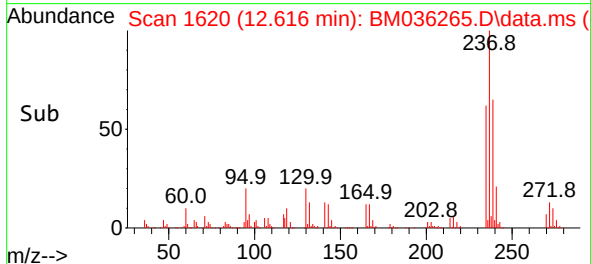


#40
Hexachlorocyclopentadiene
Concen: 23.961 ng/ul
RT: 12.616 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM036265.D
Acq: 13 Aug 2022 13:22

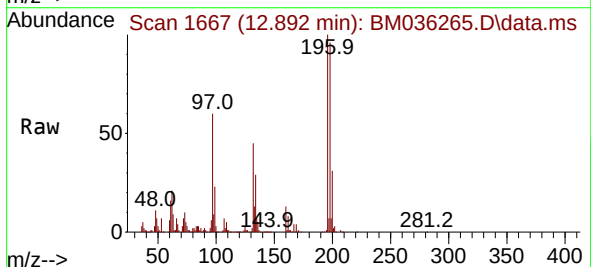
Instrument :
BNA_M
ClientSampleId :



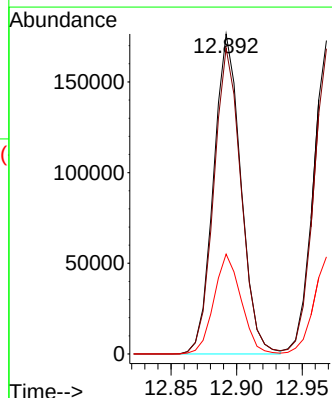
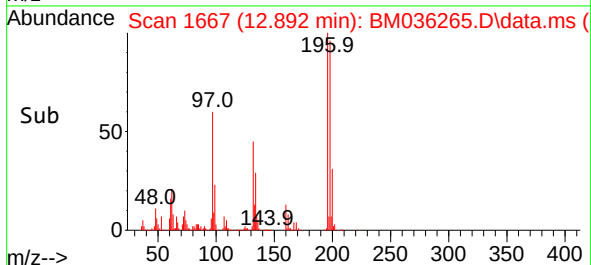
Tgt Ion:237 Resp: 202073
Ion Ratio Lower Upper
237 100
235 62.2 48.4 72.6
272 13.4 11.6 17.4

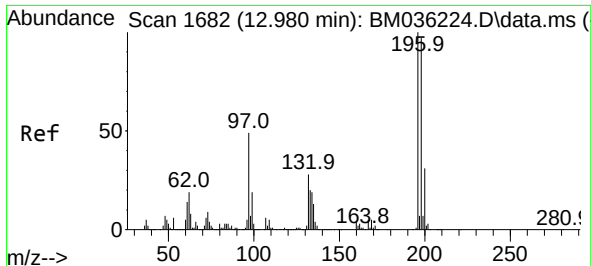


#41
2,4,6-Trichlorophenol
Concen: 31.560 ng/ul
RT: 12.892 min Scan# 1667
Delta R.T. -0.012 min
Lab File: BM036265.D
Acq: 13 Aug 2022 13:22



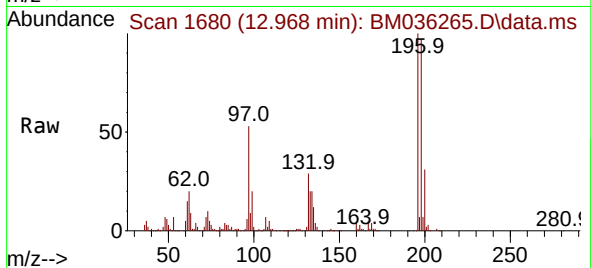
Tgt Ion:196 Resp: 255745
Ion Ratio Lower Upper
196 100
198 95.6 77.8 116.6
200 31.2 25.0 37.6



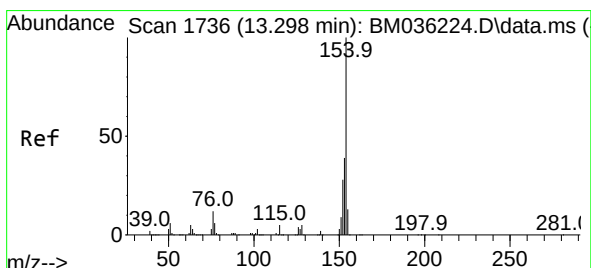
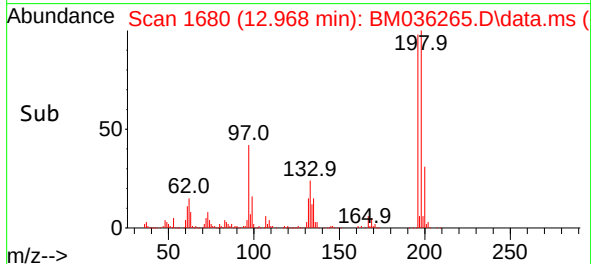
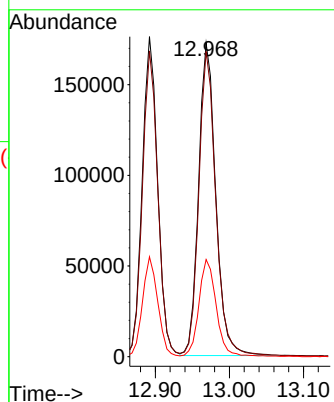


#42
2,4,5-Trichlorophenol
Concen: 32.118 ng/ul
RT: 12.968 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM036265.D
Acq: 13 Aug 2022 13:22

Instrument :
BNA_M
ClientSampleId :

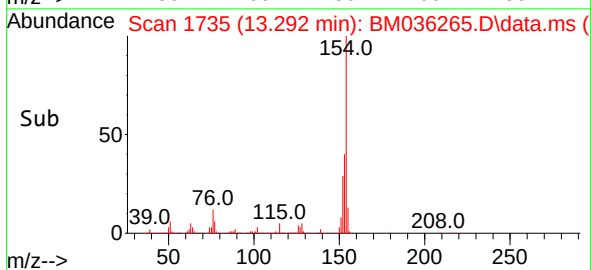
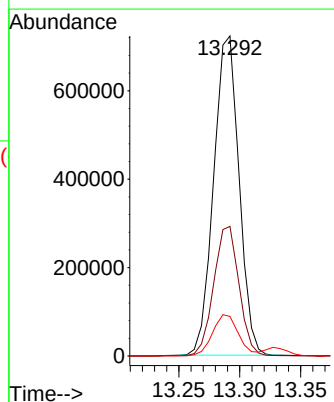
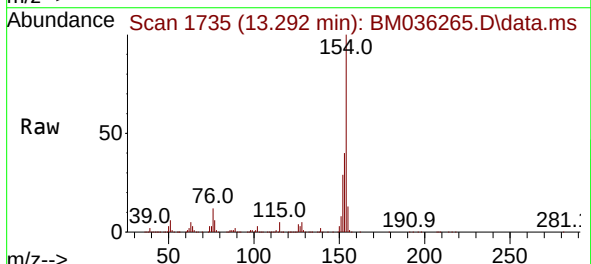


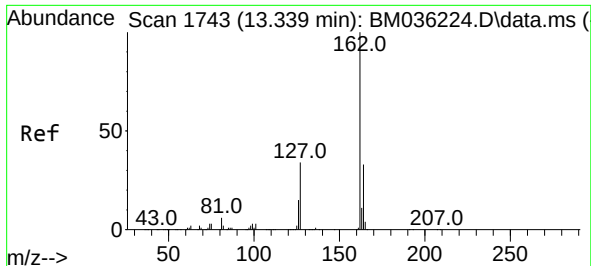
Tgt Ion:196 Resp: 277707
Ion Ratio Lower Upper
196 100
198 97.4 76.8 115.2
200 31.0 24.9 37.3



#43
1,1'-Biphenyl
Concen: 30.589 ng/ul
RT: 13.292 min Scan# 1735
Delta R.T. -0.006 min
Lab File: BM036265.D
Acq: 13 Aug 2022 13:22

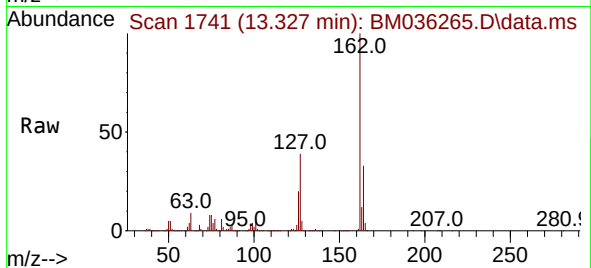
Tgt Ion:154 Resp: 1047323
Ion Ratio Lower Upper
154 100
153 40.5 32.4 48.6
76 12.4 10.1 15.1



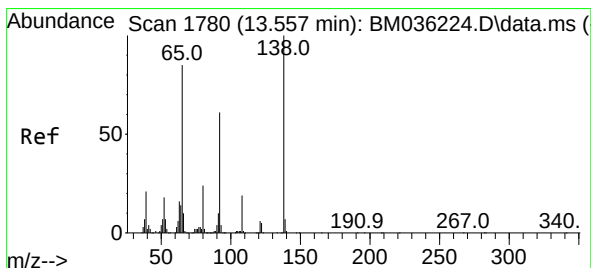
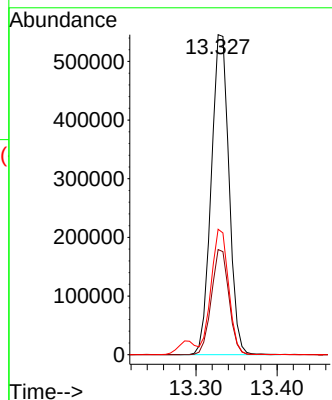
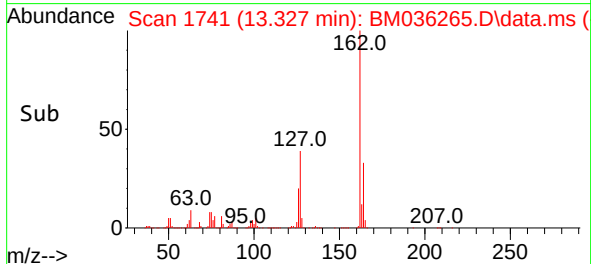


#44
2-Chloronaphthalene
Concen: 31.549 ng/ul
RT: 13.327 min Scan# 1741
Delta R.T. -0.012 min
Lab File: BM036265.D
Acq: 13 Aug 2022 13:22

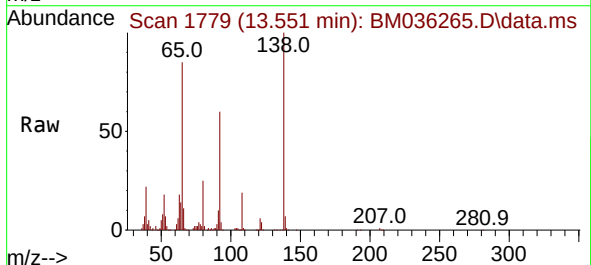
Instrument :
BNA_M
ClientSampleId :



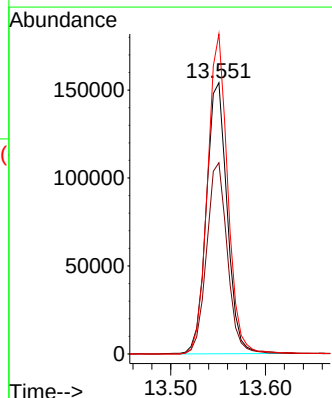
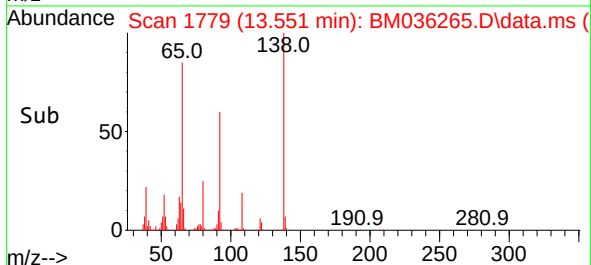
Tgt Ion:162 Resp: 829006
Ion Ratio Lower Upper
162 100
164 32.9 25.4 38.0
127 39.2 31.6 47.4

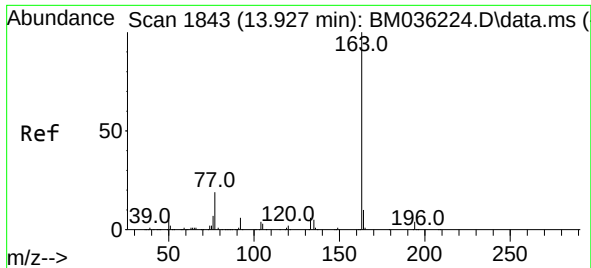


#45
2-Nitroaniline
Concen: 32.474 ng/ul
RT: 13.551 min Scan# 1779
Delta R.T. -0.006 min
Lab File: BM036265.D
Acq: 13 Aug 2022 13:22



Tgt Ion: 65 Resp: 235249
Ion Ratio Lower Upper
65 100
92 70.5 54.5 81.7
138 118.0 91.2 136.8

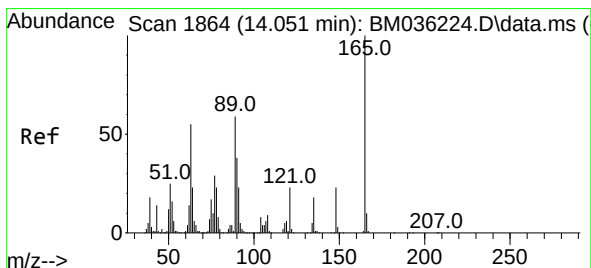
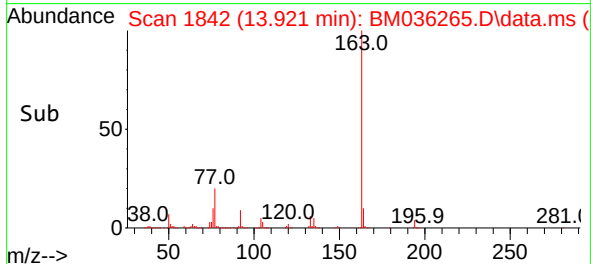
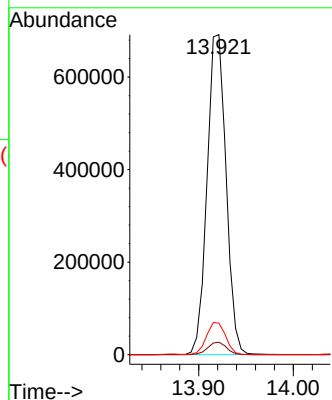
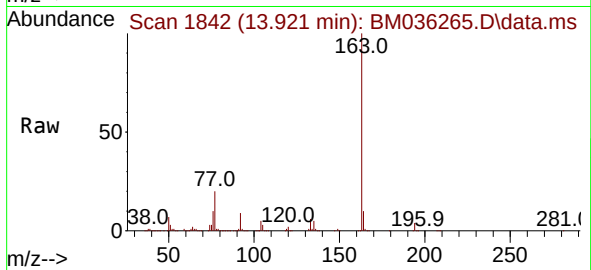




#47
Dimethylphthalate
Concen: 31.631 ng/ul
RT: 13.921 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BM036265.D
Acq: 13 Aug 2022 13:22

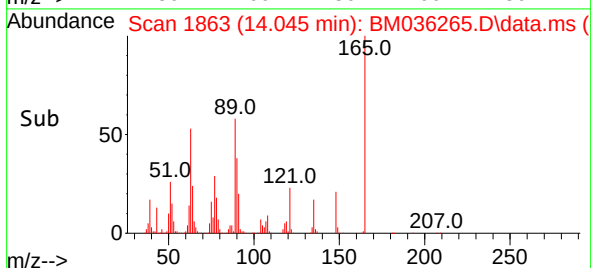
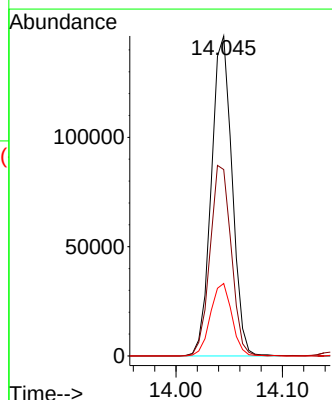
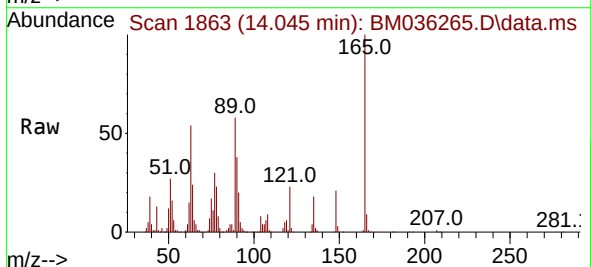
Instrument :
BNA_M
ClientSampleId :

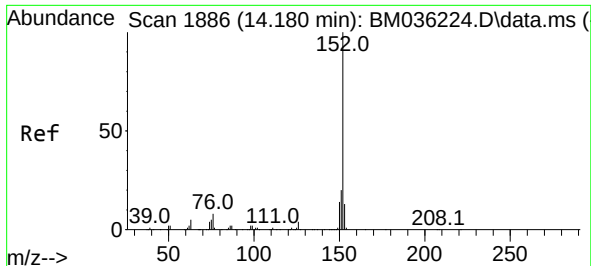
Tgt Ion:163 Resp: 964095
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 9.8 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 32.752 ng/ul
RT: 14.045 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BM036265.D
Acq: 13 Aug 2022 13:22

Tgt Ion:165 Resp: 198189
Ion Ratio Lower Upper
165 100
89 58.2 42.5 63.7
121 22.7 17.2 25.8

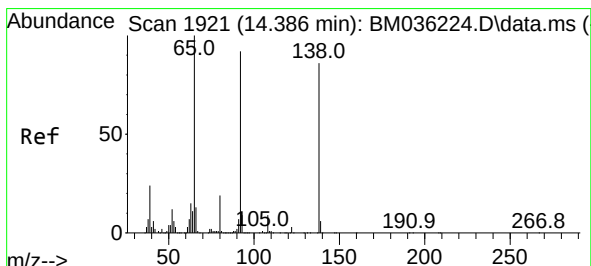
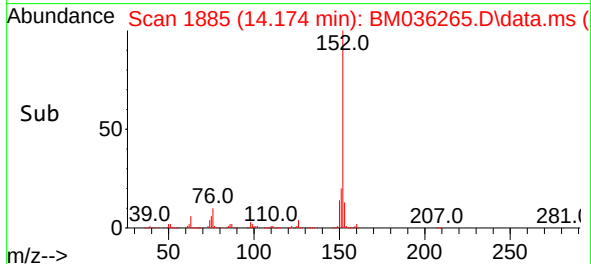
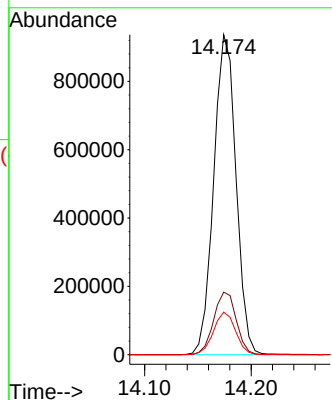
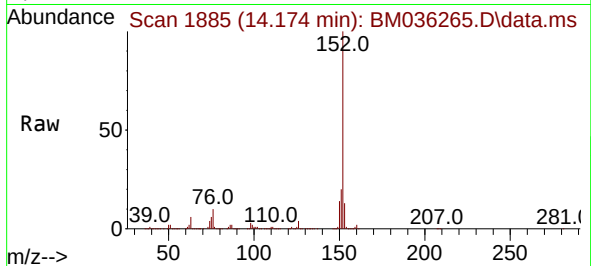




#50
Acenaphthylene
Concen: 31.741 ng/ul
RT: 14.174 min Scan# 1885
Delta R.T. -0.006 min
Lab File: BM036265.D
Acq: 13 Aug 2022 13:22

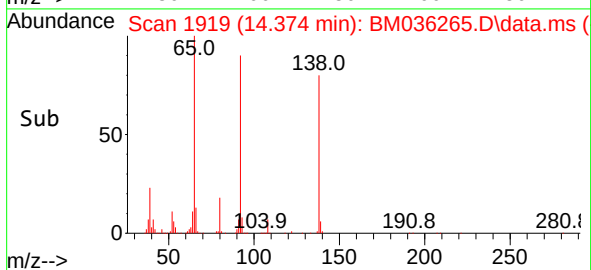
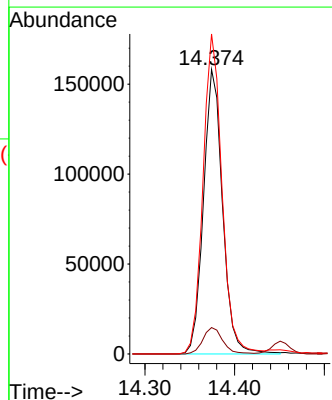
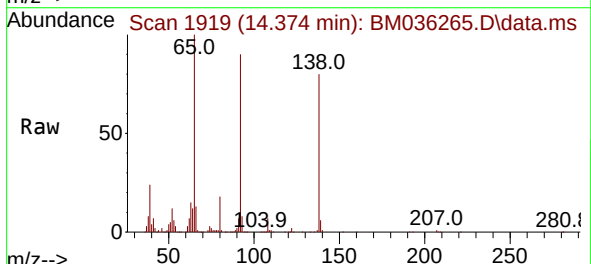
Instrument :
BNA_M
ClientSampleId :

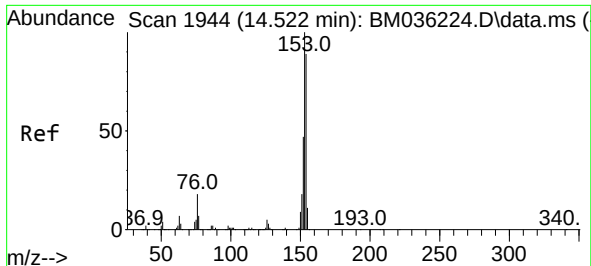
Tgt Ion:152 Resp: 1357503
Ion Ratio Lower Upper
152 100
151 19.6 16.1 24.1
153 13.3 10.6 15.8



#51
3-Nitroaniline
Concen: 34.976 ng/ul
RT: 14.374 min Scan# 1919
Delta R.T. -0.012 min
Lab File: BM036265.D
Acq: 13 Aug 2022 13:22

Tgt Ion:138 Resp: 233910
Ion Ratio Lower Upper
138 100
108 9.3 8.1 12.1
92 112.5 90.4 135.6

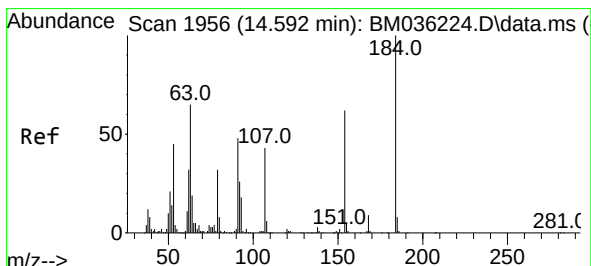
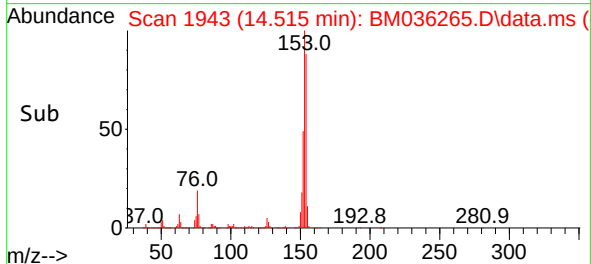
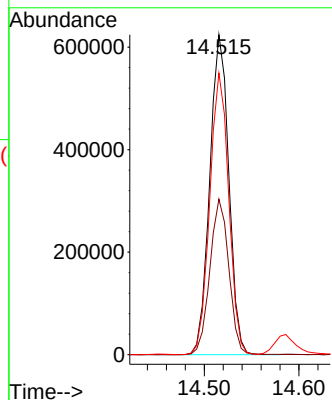
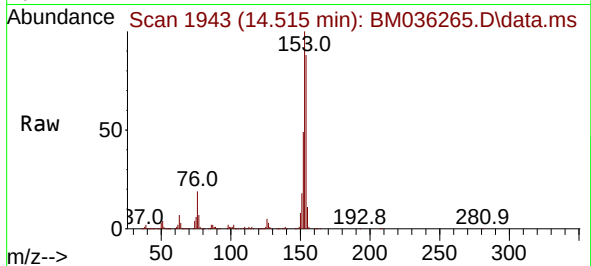




#52
Acenaphthene
Concen: 31.463 ng/ul
RT: 14.515 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM036265.D
Acq: 13 Aug 2022 13:22

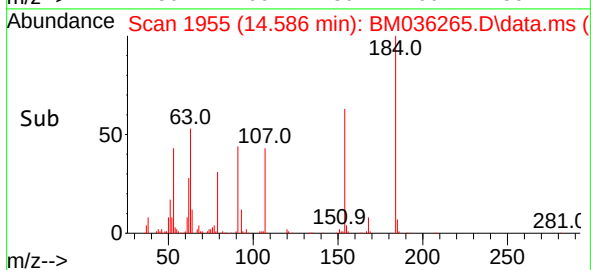
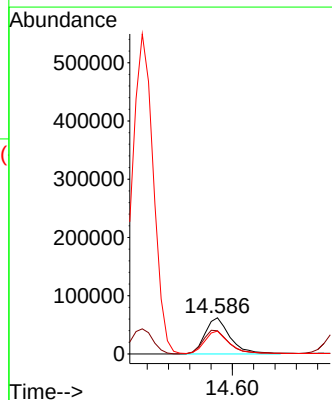
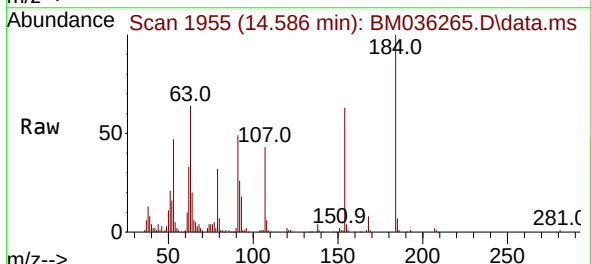
Instrument :
BNA_M
ClientSampleId :

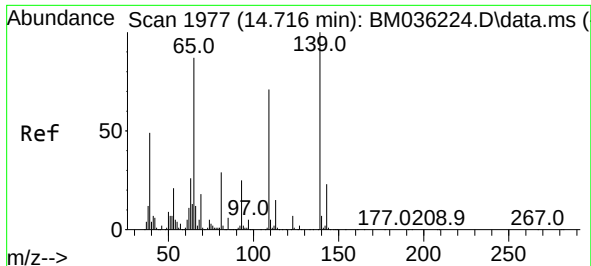
Tgt Ion:153 Resp: 872959
Ion Ratio Lower Upper
153 100
152 48.6 37.1 55.7
154 88.0 71.3 106.9



#53
2,4-Dinitrophenol
Concen: 29.480 ng/ul
RT: 14.586 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BM036265.D
Acq: 13 Aug 2022 13:22

Tgt Ion:184 Resp: 101288
Ion Ratio Lower Upper
184 100
63 64.1 54.2 81.4
154 63.3 49.3 73.9

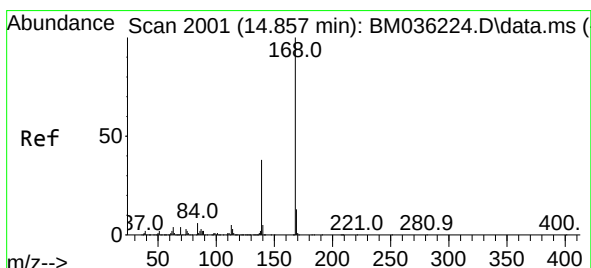
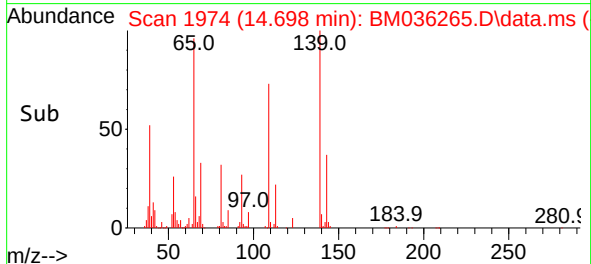
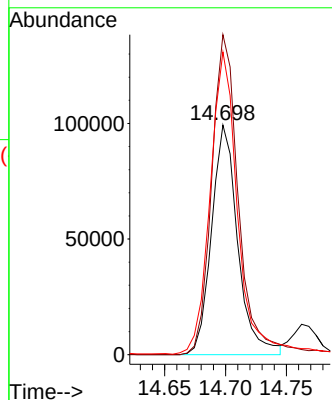
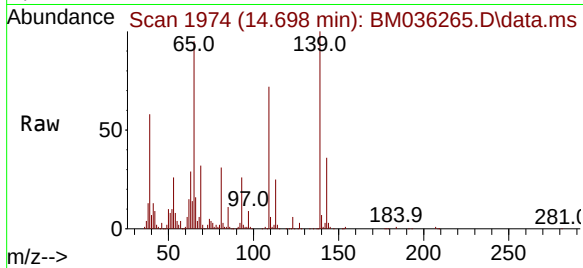




#55
4-Nitrophenol
Concen: 31.201 ng/ul
RT: 14.698 min Scan# 1977
Delta R.T. -0.018 min
Lab File: BM036265.D
Acq: 13 Aug 2022 13:22

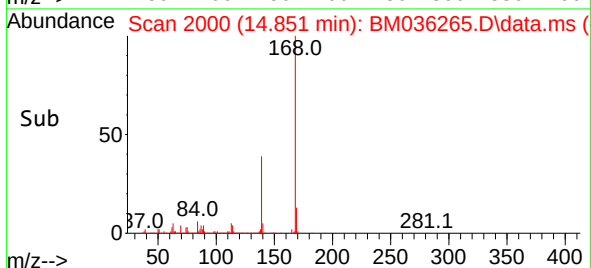
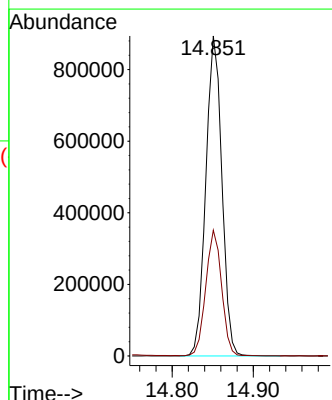
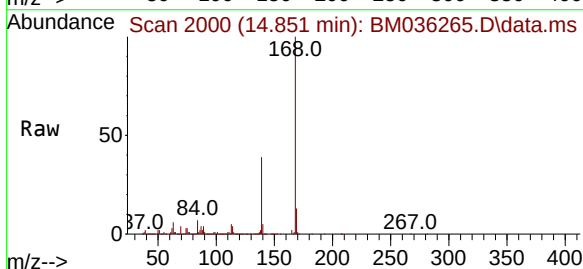
Instrument :
BNA_M
ClientSampleId :

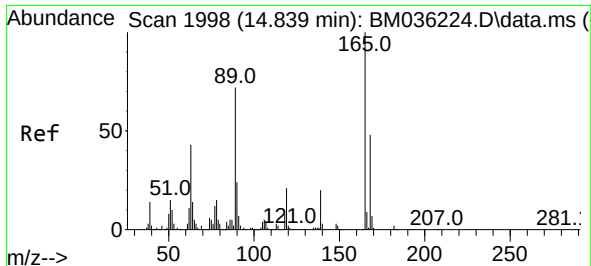
Tgt Ion:109 Resp: 148488
Ion Ratio Lower Upper
109 100
139 139.4 124.9 187.3
65 131.8 122.2 183.4



#56
Dibenzofuran
Concen: 31.880 ng/ul
RT: 14.851 min Scan# 2000
Delta R.T. -0.006 min
Lab File: BM036265.D
Acq: 13 Aug 2022 13:22

Tgt Ion:168 Resp: 1223897
Ion Ratio Lower Upper
168 100
139 39.3 30.1 45.1





#57

2,4-Dinitrotoluene

Concen: 34.201 ng/ul

RT: 14.827 min Scan# 1998

Delta R.T. -0.012 min

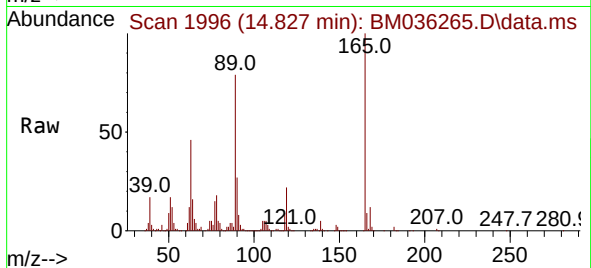
Lab File: BM036265.D

Acq: 13 Aug 2022 13:22

Instrument :

BNA_M

ClientSampleId :



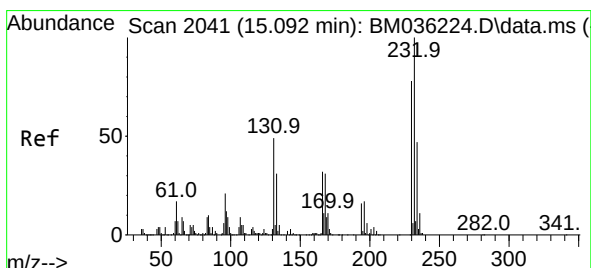
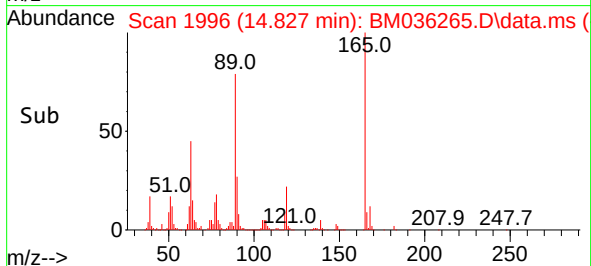
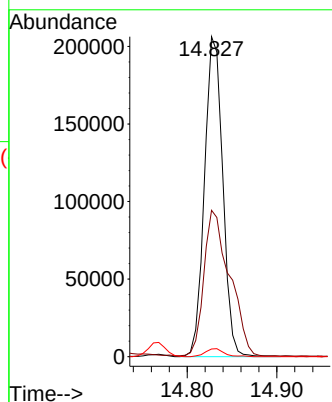
Tgt Ion:165 Resp: 291729

Ion Ratio Lower Upper

165 100

63 45.8 35.9 53.9

182 2.4 2.5 3.7#



#58

2,3,4,6-Tetrachlorophenol

Concen: 31.169 ng/ul

RT: 15.080 min Scan# 2039

Delta R.T. -0.012 min

Lab File: BM036265.D

Acq: 13 Aug 2022 13:22

Tgt Ion:232 Resp: 211749

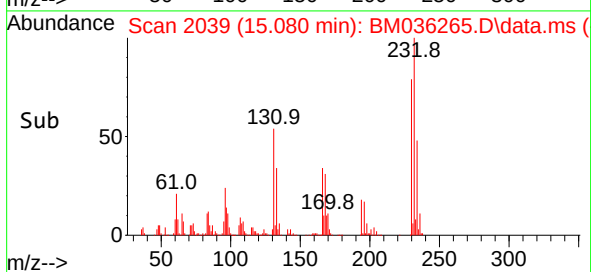
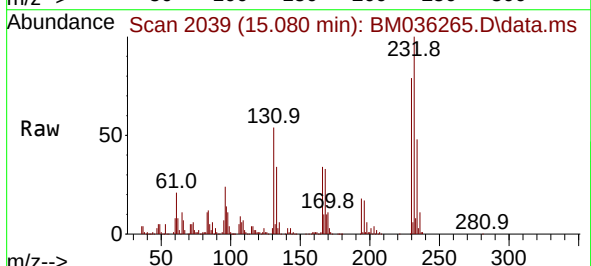
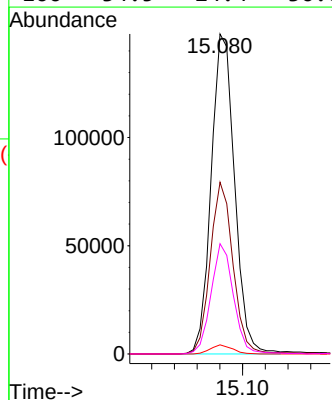
Ion Ratio Lower Upper

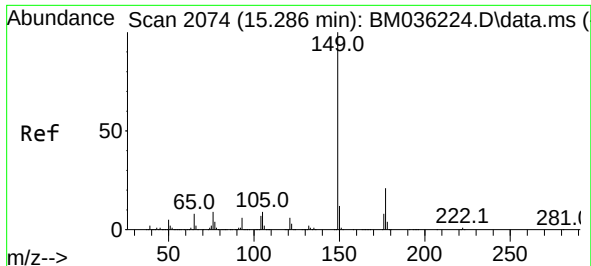
232 100

131 53.7 36.7 55.1

130 2.8 1.7 2.5#

166 34.5 24.4 36.6





#59

Diethylphthalate

Concen: 31.655 ng/ul

RT: 15.280 min Scan# 2074

Delta R.T. -0.006 min

Lab File: BM036265.D

Acq: 13 Aug 2022 13:22

Instrument :

BNA_M

ClientSampleId :

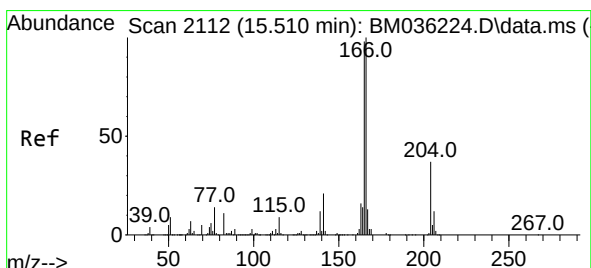
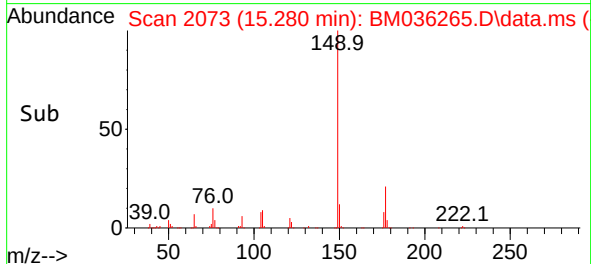
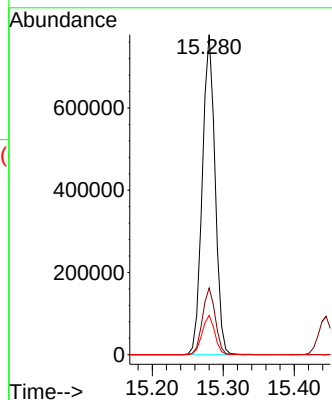
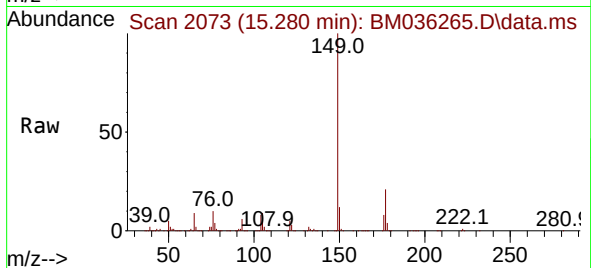
Tgt Ion:149 Resp: 975913

Ion Ratio Lower Upper

149 100

177 20.9 16.8 25.2

150 12.3 10.2 15.4



#61

Fluorene

Concen: 31.685 ng/ul

RT: 15.498 min Scan# 2110

Delta R.T. -0.012 min

Lab File: BM036265.D

Acq: 13 Aug 2022 13:22

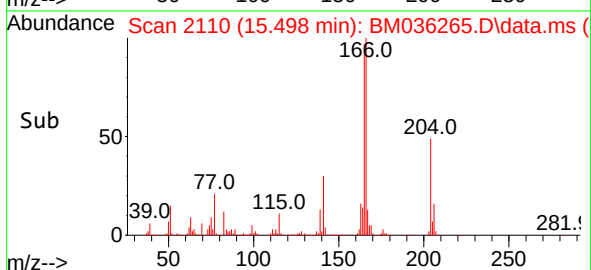
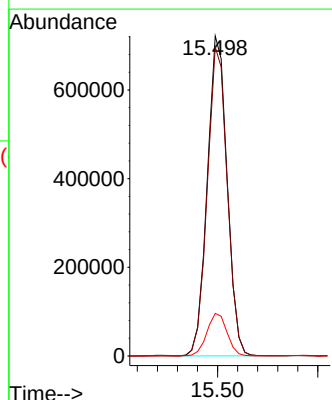
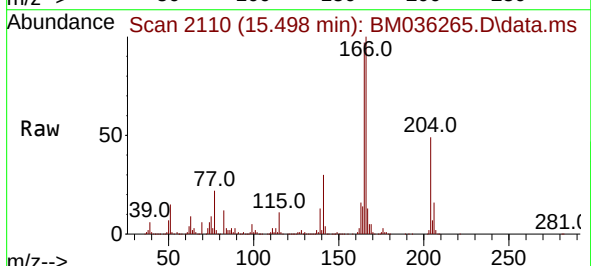
Tgt Ion:166 Resp: 993657

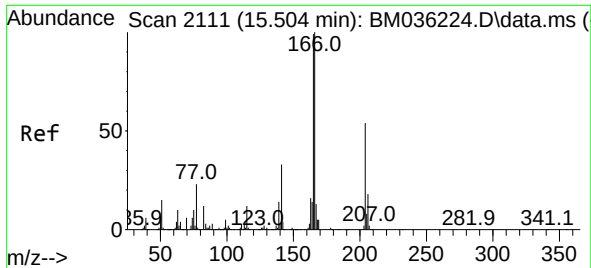
Ion Ratio Lower Upper

166 100

165 96.5 77.2 115.8

167 13.3 11.0 16.4

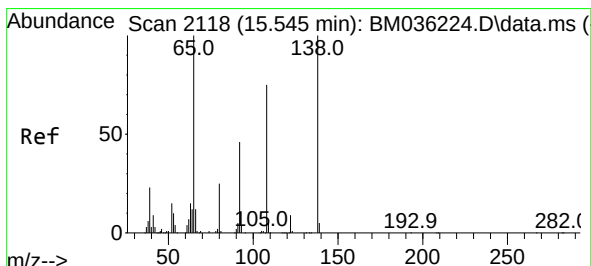
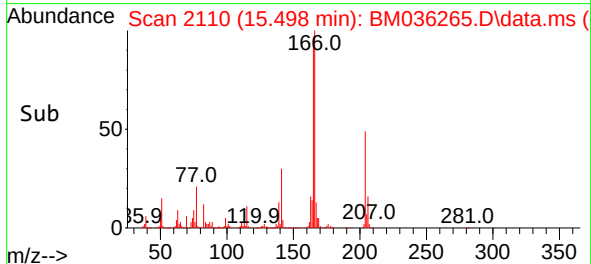
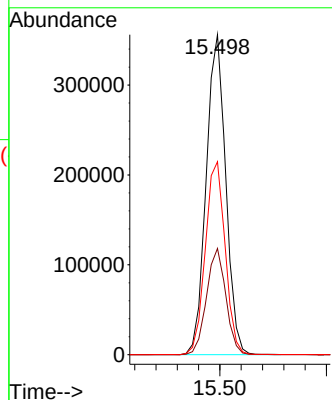
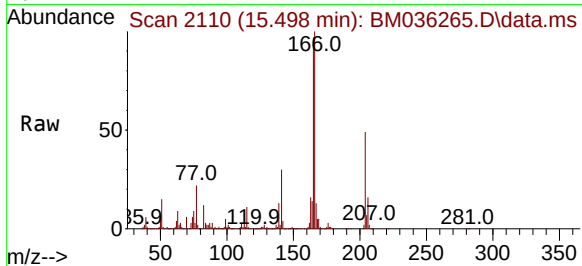




#62
4-Chlorophenyl-phenylether
Concen: 30.300 ng/ul
RT: 15.498 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BM036265.D
Acq: 13 Aug 2022 13:22

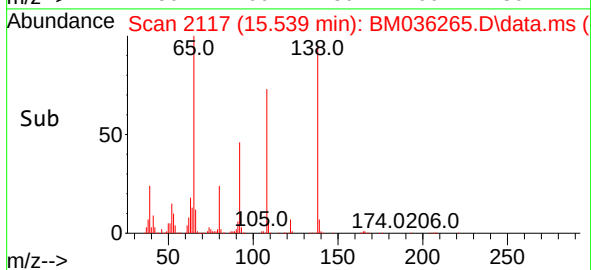
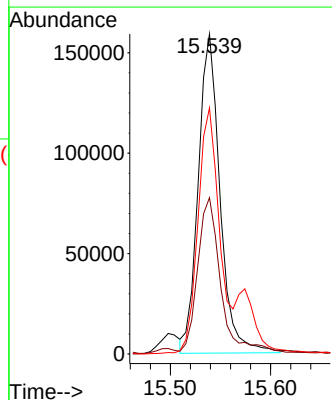
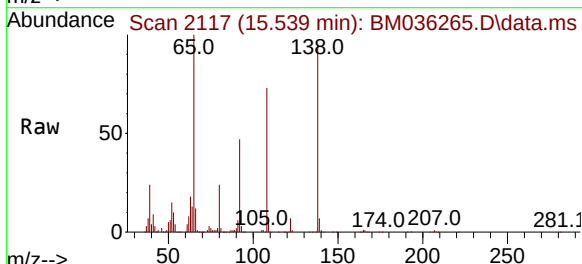
Instrument :
BNA_M
ClientSampleId :

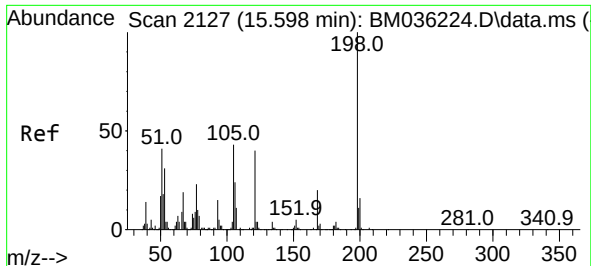
Tgt Ion:204 Resp: 455275
Ion Ratio Lower Upper
204 100
206 33.2 25.9 38.9
141 60.3 50.6 75.8



#63
4-Nitroaniline
Concen: 39.072 ng/ul
RT: 15.539 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BM036265.D
Acq: 13 Aug 2022 13:22

Tgt Ion:138 Resp: 240556
Ion Ratio Lower Upper
138 100
92 48.8 39.2 58.8
108 76.9 51.6 77.4

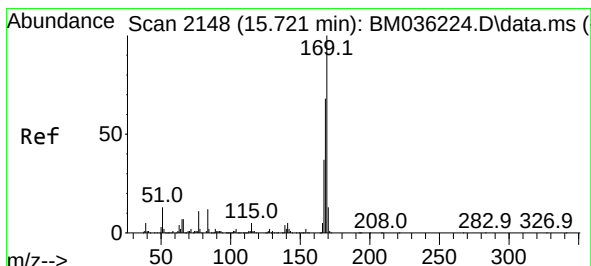
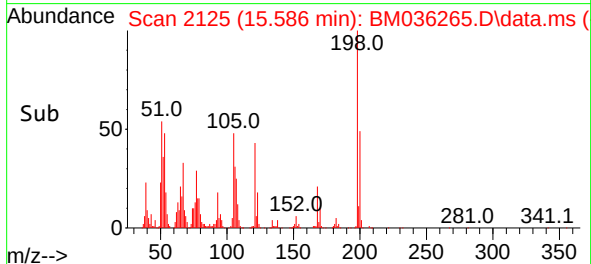
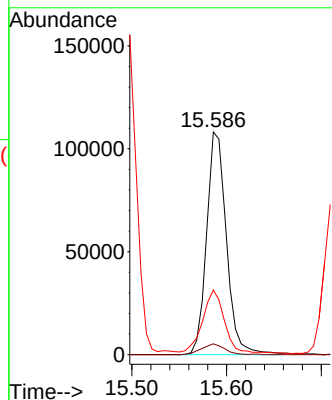
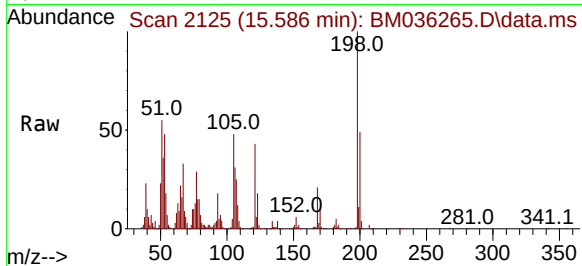




#66
 4,6-Dinitro-2-methylphenol
 Concen: 32.491 ng/ul
 RT: 15.586 min Scan# 2127
 Delta R.T. -0.012 min
 Lab File: BM036265.D
 Acq: 13 Aug 2022 13:22

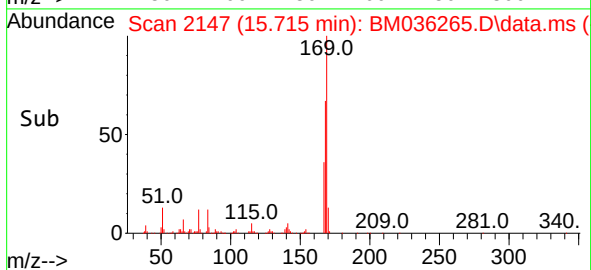
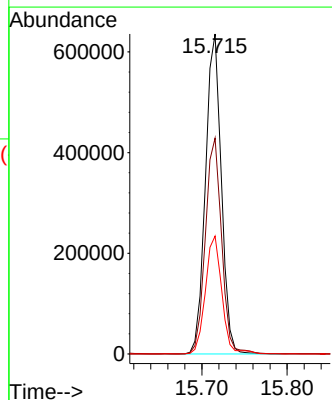
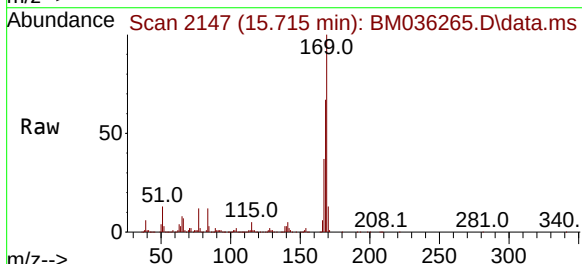
Instrument :
 BNA_M
 ClientSampleId :

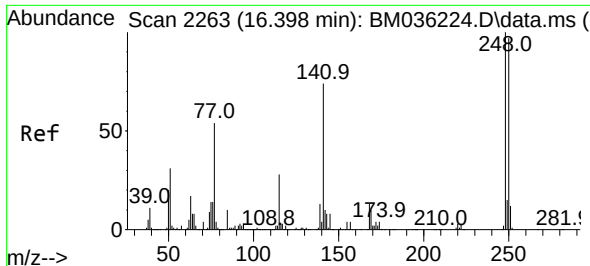
Tgt Ion:198 Resp: 157441
 Ion Ratio Lower Upper
 198 100
 182 4.9 4.2 6.4
 77 29.0 19.9 29.9



#67
 N-Nitrosodiphenylamine
 Concen: 31.072 ng/ul
 RT: 15.715 min Scan# 2147
 Delta R.T. -0.006 min
 Lab File: BM036265.D
 Acq: 13 Aug 2022 13:22

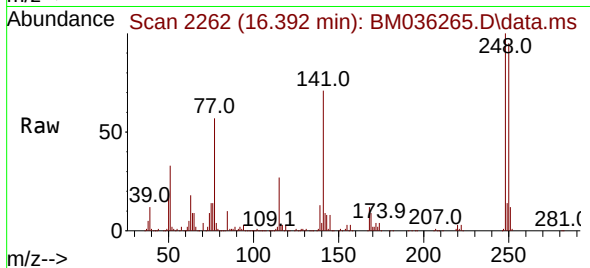
Tgt Ion:169 Resp: 822941
 Ion Ratio Lower Upper
 169 100
 168 67.4 53.8 80.6
 167 36.9 28.7 43.1



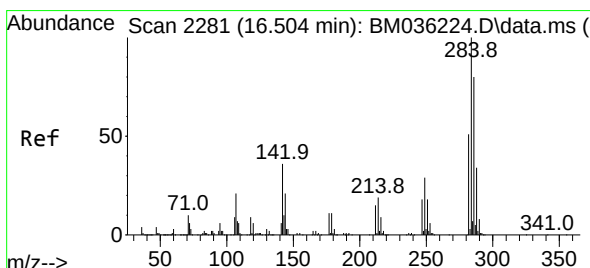
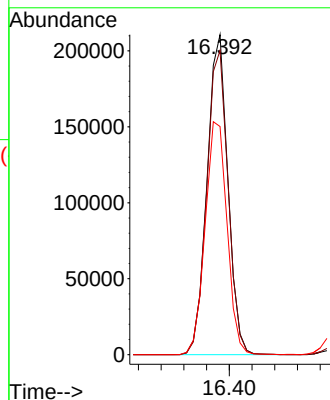
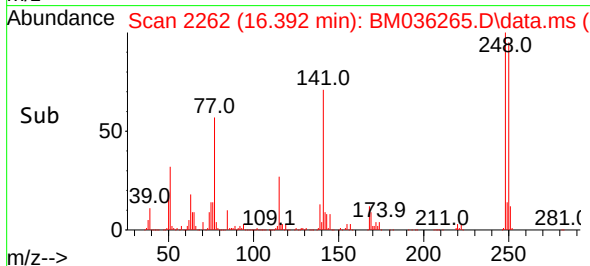


#68
4-Bromophenyl-phenylether
Concen: 30.337 ng/ul
RT: 16.392 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM036265.D
Acq: 13 Aug 2022 13:22

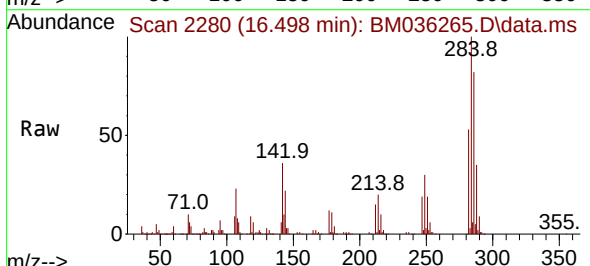
Instrument :
BNA_M
ClientSampleId :



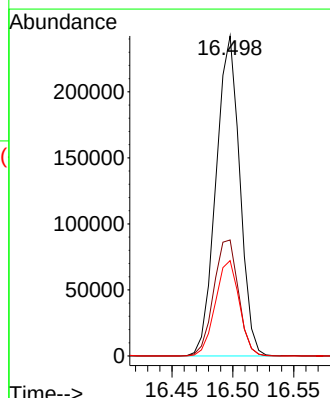
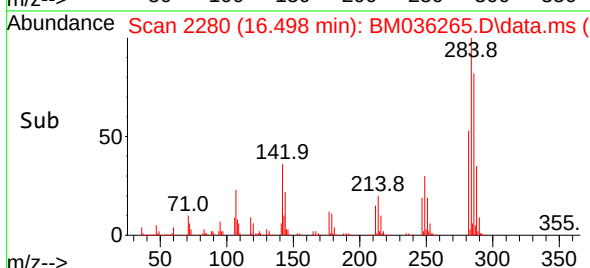
Tgt Ion:248 Resp: 267929
Ion Ratio Lower Upper
248 100
250 95.1 77.3 115.9
141 71.3 59.8 89.8

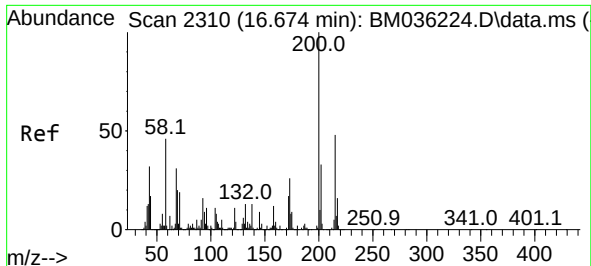


#69
Hexachlorobenzene
Concen: 30.578 ng/ul
RT: 16.498 min Scan# 2280
Delta R.T. -0.006 min
Lab File: BM036265.D
Acq: 13 Aug 2022 13:22



Tgt Ion:284 Resp: 329050
Ion Ratio Lower Upper
284 100
142 36.2 28.6 42.8
249 29.8 24.6 37.0

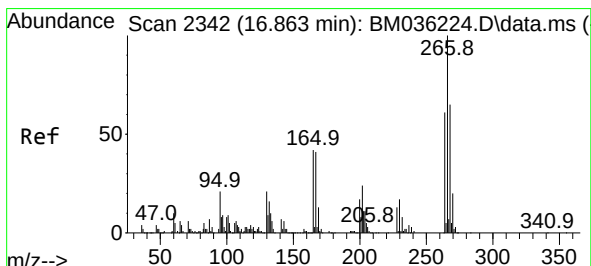
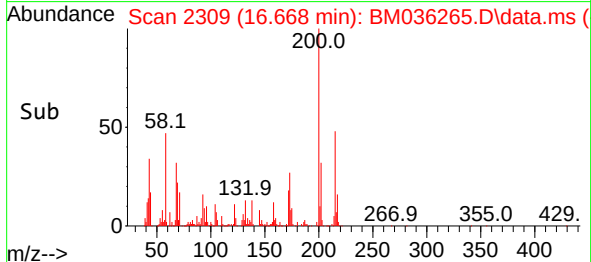
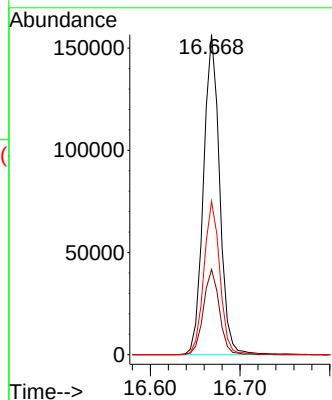
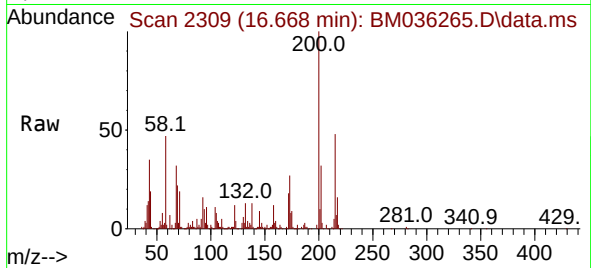




#70
Atrazine
Concen: 21.296 ng/ul
RT: 16.668 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM036265.D
Acq: 13 Aug 2022 13:22

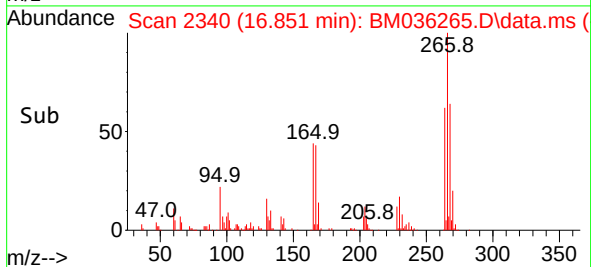
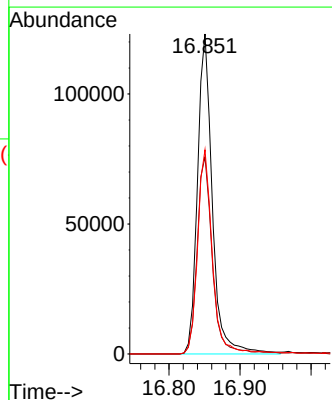
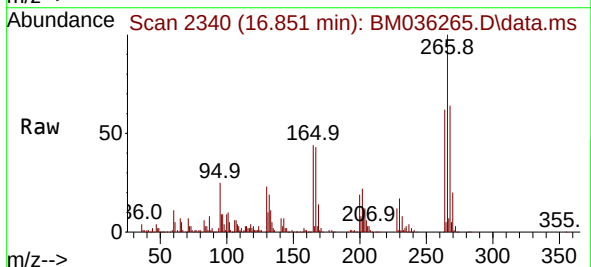
Instrument :
BNA_M
ClientSampleId :

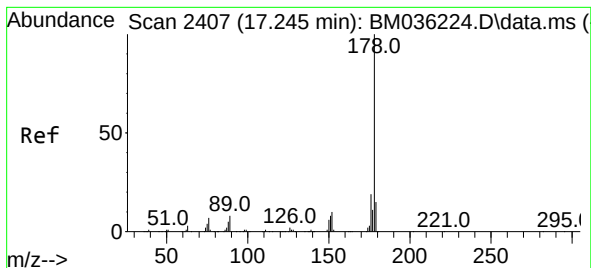
Tgt Ion:200 Resp: 195629
Ion Ratio Lower Upper
200 100
173 26.7 21.3 31.9
215 47.9 39.0 58.6



#71
Pentachlorophenol
Concen: 27.278 ng/ul
RT: 16.851 min Scan# 2340
Delta R.T. -0.012 min
Lab File: BM036265.D
Acq: 13 Aug 2022 13:22

Tgt Ion:266 Resp: 179326
Ion Ratio Lower Upper
266 100
264 61.6 49.5 74.3
268 63.8 51.0 76.4





#72

Phenanthrene

Concen: 32.589 ng/ul

RT: 17.239 min Scan# 2406

Delta R.T. -0.006 min

Lab File: BM036265.D

Acq: 13 Aug 2022 13:22

Instrument :

BNA_M

ClientSampleId :

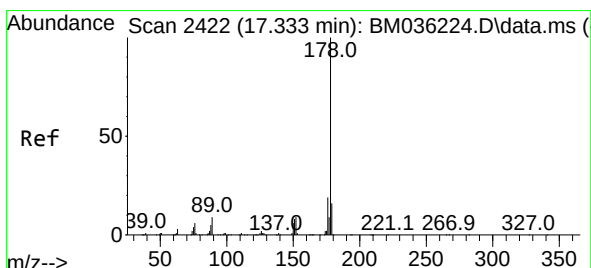
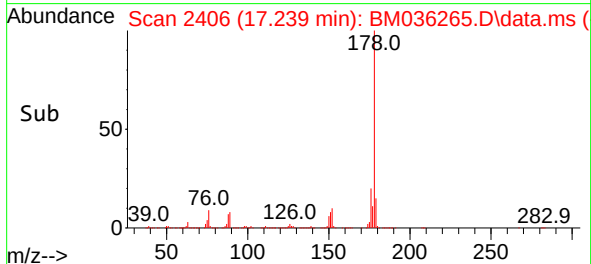
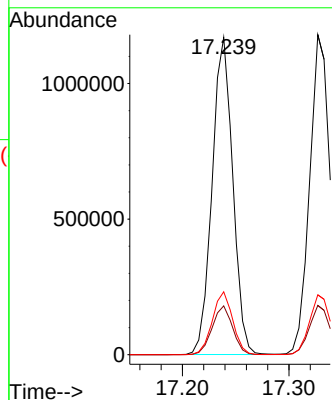
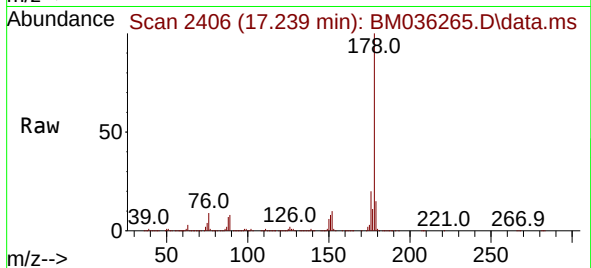
Tgt Ion:178 Resp: 1573537

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.2

176 19.8 14.9 22.3



#74

Anthracene

Concen: 32.745 ng/ul

RT: 17.327 min Scan# 2421

Delta R.T. -0.006 min

Lab File: BM036265.D

Acq: 13 Aug 2022 13:22

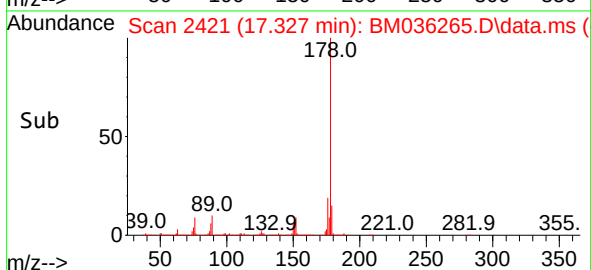
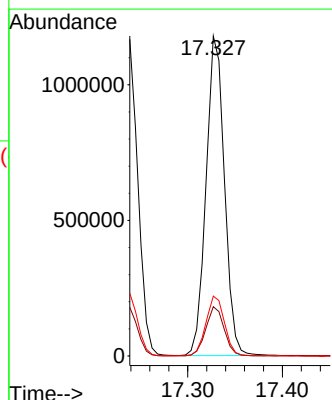
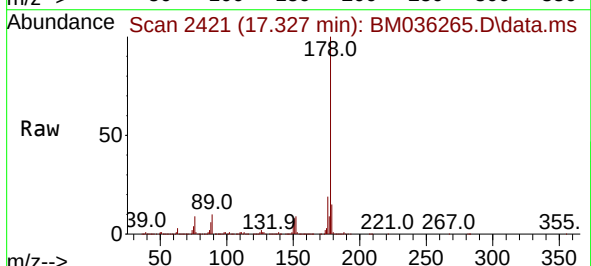
Tgt Ion:178 Resp: 1586534

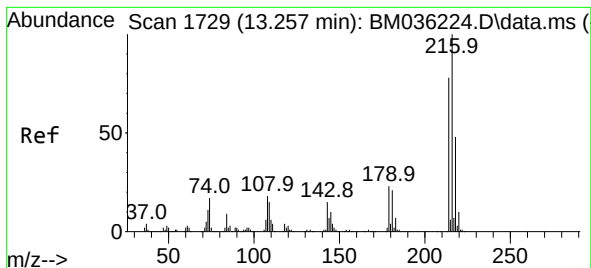
Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.2

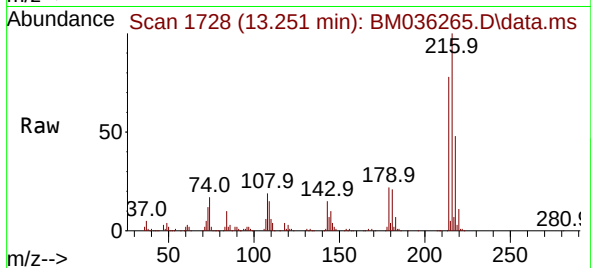
176 18.7 14.4 21.6



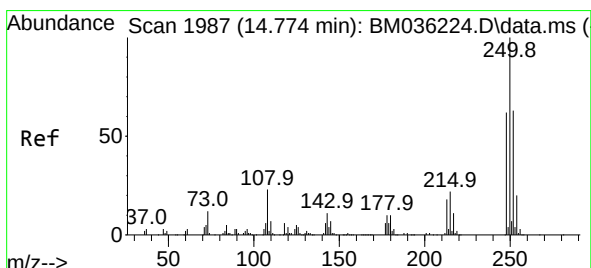
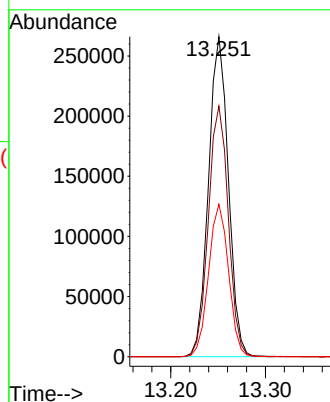
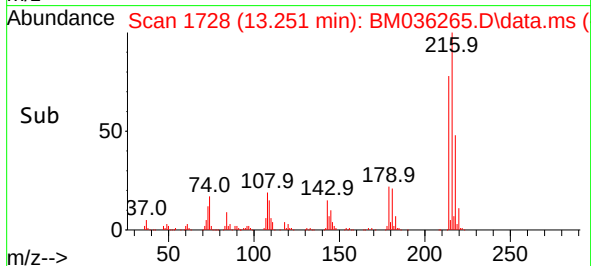


#75
1,2,3,4-Tetrachlorobenzene
Concen: 27.680 ng/uL
RT: 13.251 min Scan# 1728
Delta R.T. -0.006 min
Lab File: BM036265.D
Acq: 13 Aug 2022 13:22

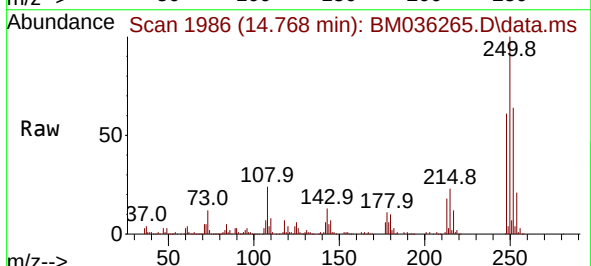
Instrument :
BNA_M
ClientSampleId :



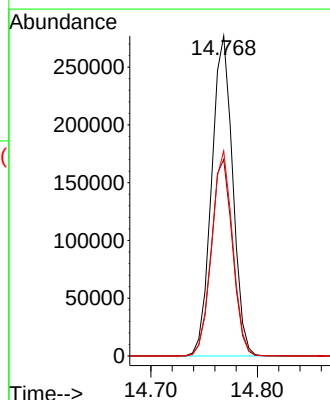
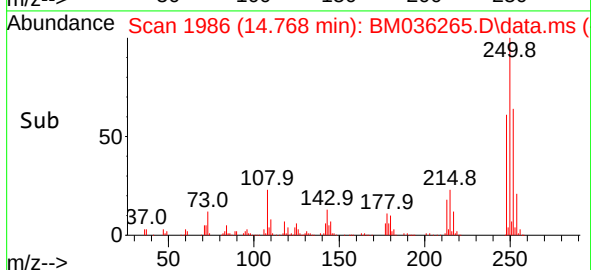
Tgt Ion:216 Resp: 387786
Ion Ratio Lower Upper
216 100
214 78.3 60.9 91.3
218 47.7 37.5 56.3

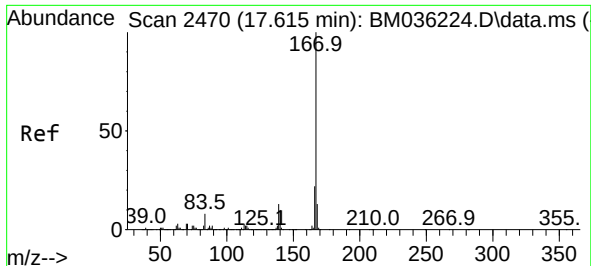


#76
Pentachlorobenzene
Concen: 29.893 ng/uL
RT: 14.768 min Scan# 1986
Delta R.T. -0.006 min
Lab File: BM036265.D
Acq: 13 Aug 2022 13:22



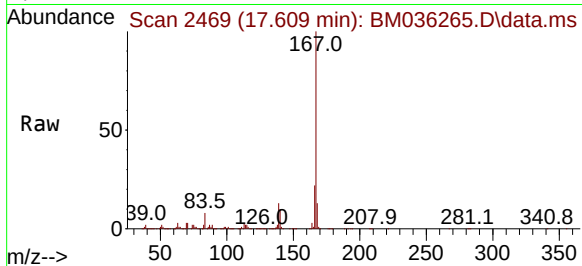
Tgt Ion:250 Resp: 379625
Ion Ratio Lower Upper
250 100
248 61.4 50.4 75.6
252 64.1 51.1 76.7



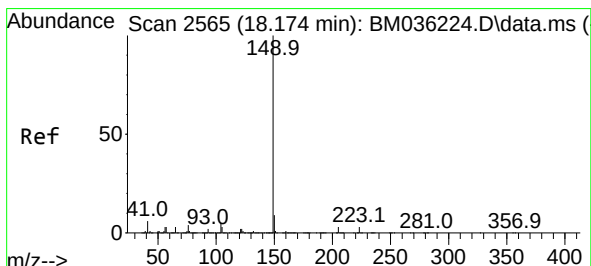
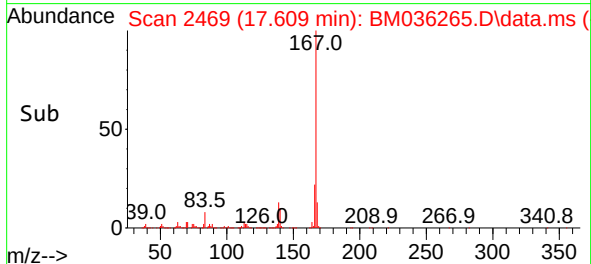
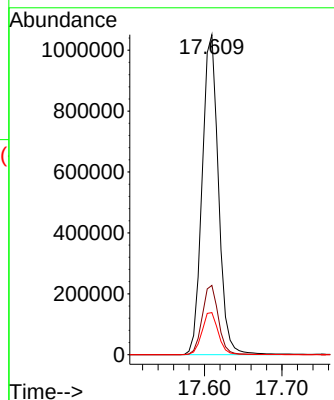


#77
 Carbazole
 Concen: 34.228 ng/ul
 RT: 17.609 min Scan# 2470
 Delta R.T. -0.006 min
 Lab File: BM036265.D
 Acq: 13 Aug 2022 13:22

Instrument :
 BNA_M
 ClientSampleId :

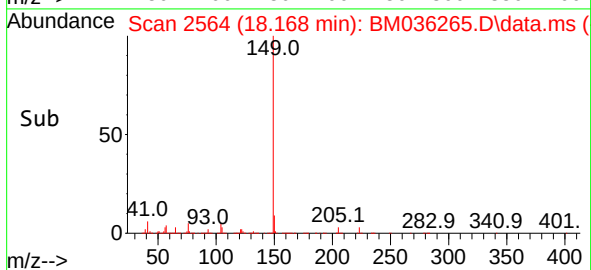
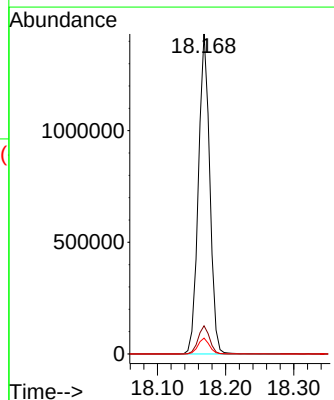
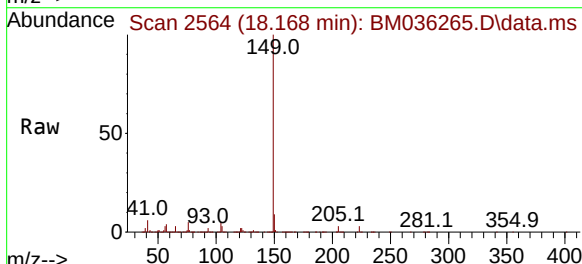


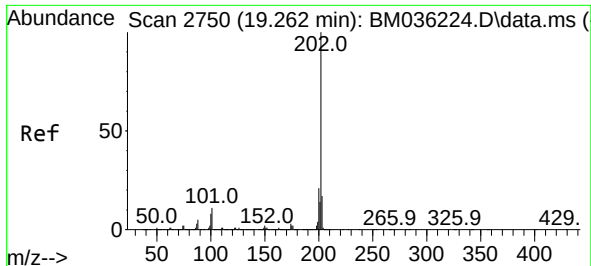
Tgt Ion:167 Resp: 1531667
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.0
 139 13.1 10.1 15.1



#78
 Di-n-butylphthalate
 Concen: 32.748 ng/ul
 RT: 18.168 min Scan# 2564
 Delta R.T. -0.006 min
 Lab File: BM036265.D
 Acq: 13 Aug 2022 13:22

Tgt Ion:149 Resp: 1653430
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.3 10.9
 104 5.0 3.7 5.5

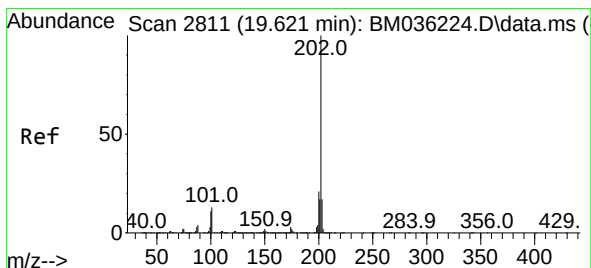
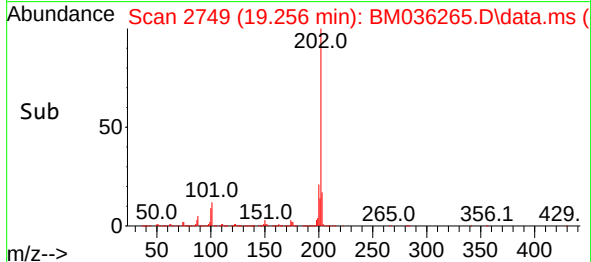
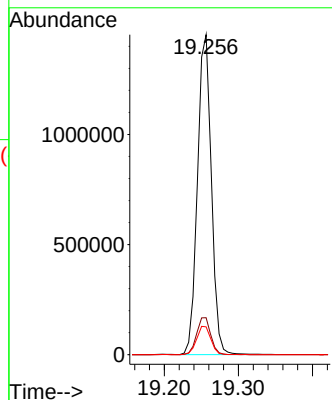
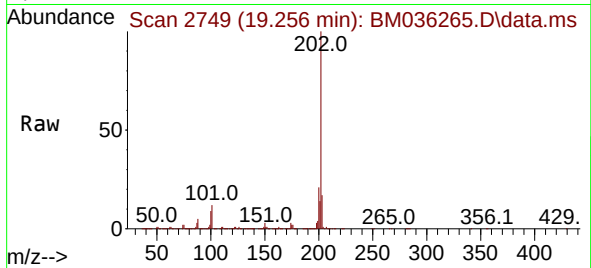




#80
Fluoranthene
Concen: 29.219 ng/u1
RT: 19.256 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM036265.D
Acq: 13 Aug 2022 13:22

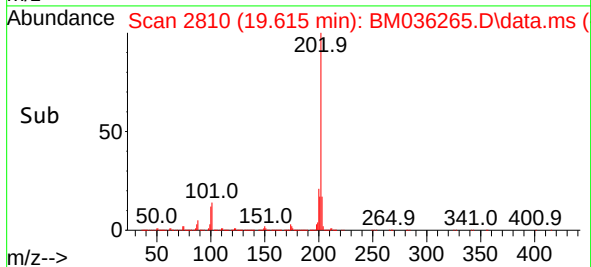
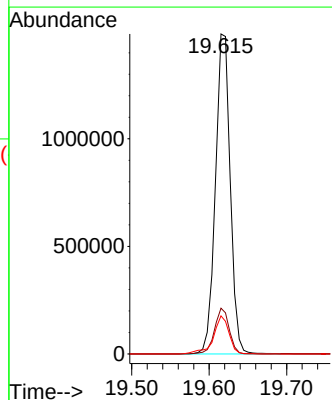
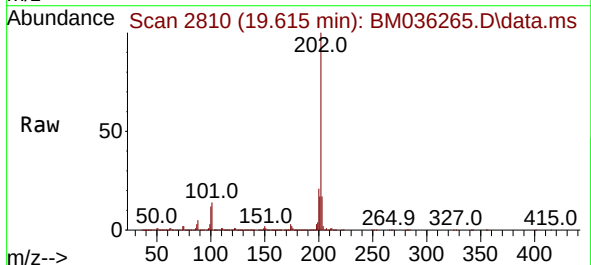
Instrument :
BNA_M
ClientSampleId :

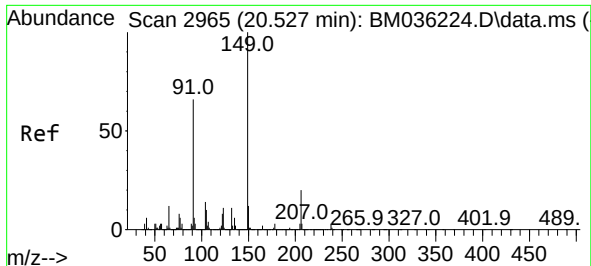
Tgt Ion:202 Resp: 1888326
Ion Ratio Lower Upper
202 100
101 11.6 10.1 15.1
100 8.7 7.8 11.6



#82
Pyrene
Concen: 29.588 ng/u1
RT: 19.615 min Scan# 2810
Delta R.T. -0.006 min
Lab File: BM036265.D
Acq: 13 Aug 2022 13:22

Tgt Ion:202 Resp: 1970906
Ion Ratio Lower Upper
202 100
101 14.3 11.9 17.9
100 11.9 10.2 15.4

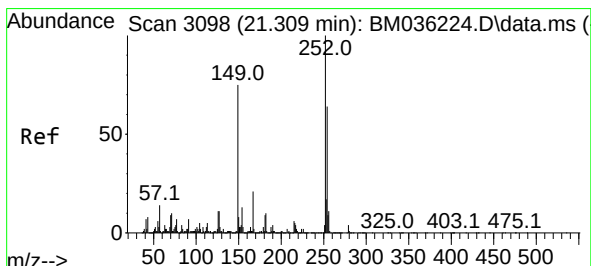
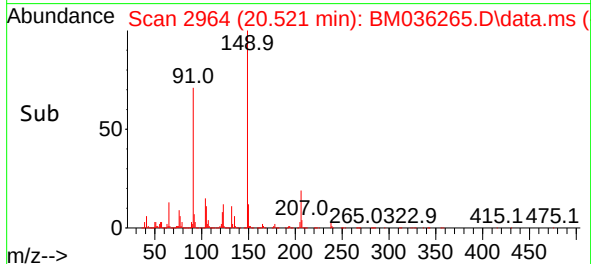
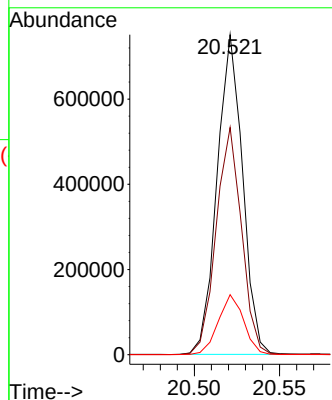
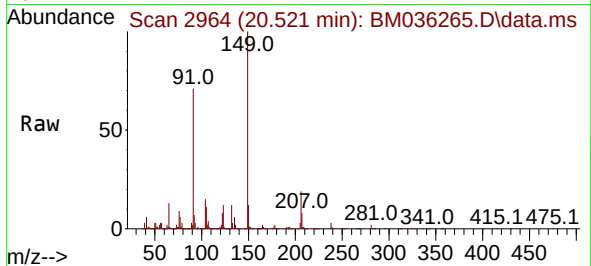




#83
 Butylbenzylphthalate
 Concen: 32.232 ng/ul
 RT: 20.521 min Scan# 2964
 Delta R.T. -0.006 min
 Lab File: BM036265.D
 Acq: 13 Aug 2022 13:22

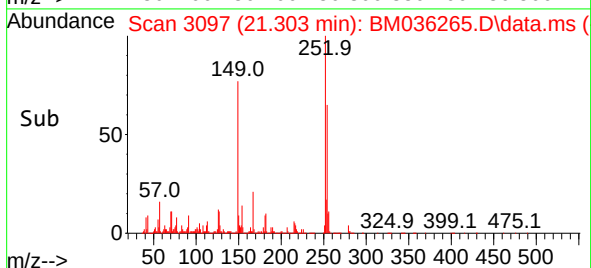
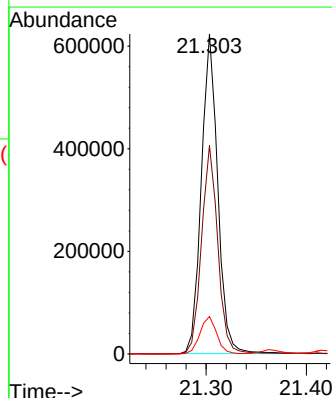
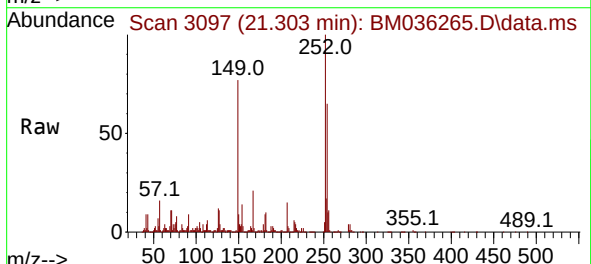
Instrument :
 BNA_M
 ClientSampleId :

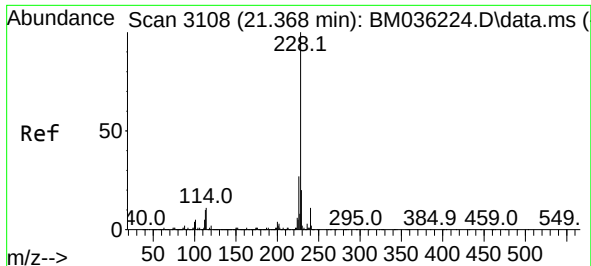
Tgt Ion:149 Resp: 780893
 Ion Ratio Lower Upper
 149 100
 91 71.0 53.2 79.8
 206 18.7 16.0 24.0



#84
 3,3'-Dichlorobenzidine
 Concen: 39.392 ng/ul
 RT: 21.303 min Scan# 3097
 Delta R.T. -0.006 min
 Lab File: BM036265.D
 Acq: 13 Aug 2022 13:22

Tgt Ion:252 Resp: 709462
 Ion Ratio Lower Upper
 252 100
 254 65.2 52.4 78.6
 126 11.7 10.8 16.2

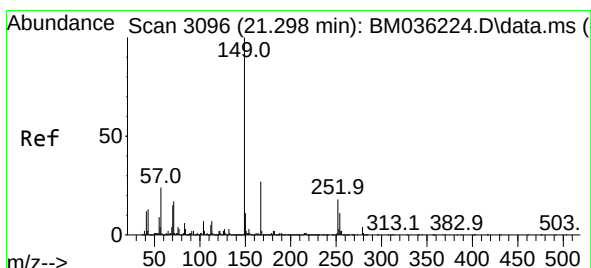
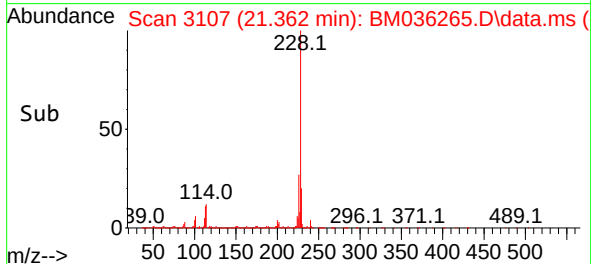
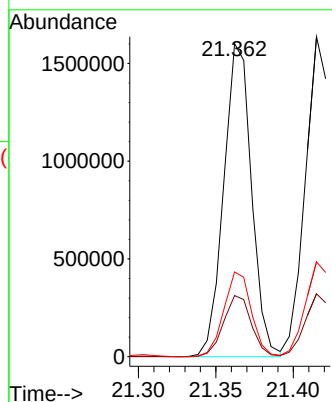
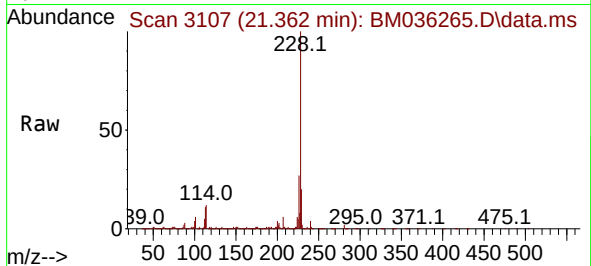




#85
Benzo(a)anthracene
Concen: 32.500 ng/ul
RT: 21.362 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BM036265.D
Acq: 13 Aug 2022 13:22

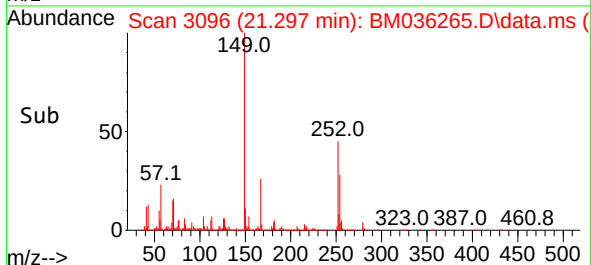
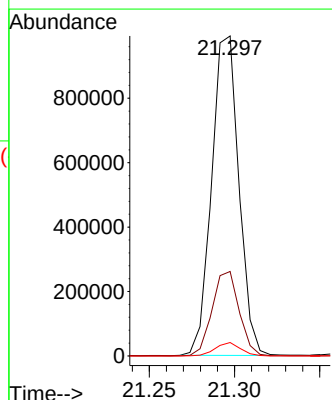
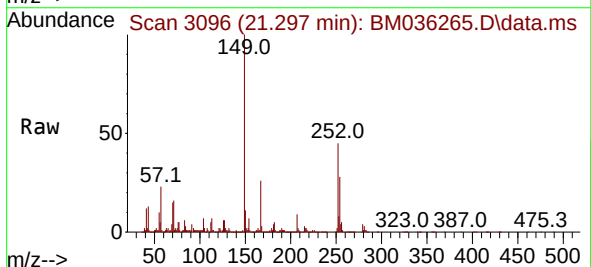
Instrument :
BNA_M
ClientSampleId :

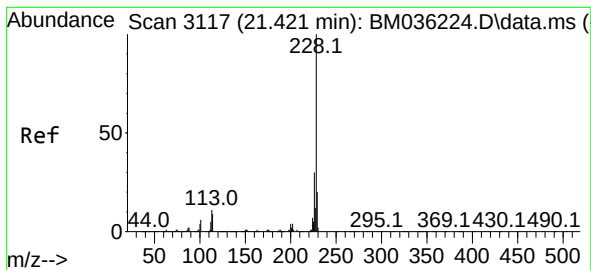
Tgt Ion:228 Resp: 1996449
Ion Ratio Lower Upper
228 100
229 19.6 15.6 23.4
226 27.1 21.7 32.5



#86
Bis(2-ethylhexyl)phthalate
Concen: 31.492 ng/ul
RT: 21.297 min Scan# 3096
Delta R.T. -0.000 min
Lab File: BM036265.D
Acq: 13 Aug 2022 13:22

Tgt Ion:149 Resp: 1102441
Ion Ratio Lower Upper
149 100
167 26.4 21.5 32.3
279 4.2 3.4 5.2





#87

Chrysene

Concen: 32.945 ng/ul

RT: 21.415 min Scan# 3117

Delta R.T. -0.006 min

Lab File: BM036265.D

Acq: 13 Aug 2022 13:22

Instrument :

BNA_M

ClientSampleId :

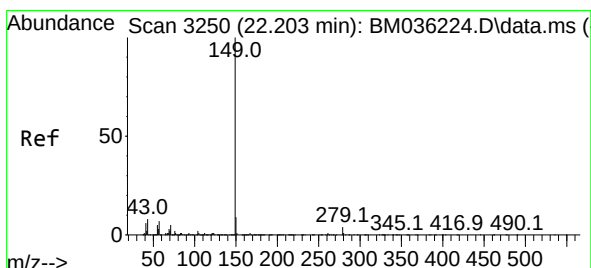
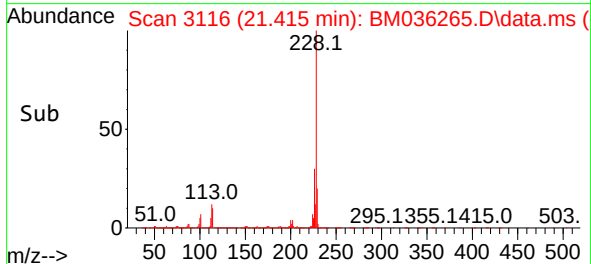
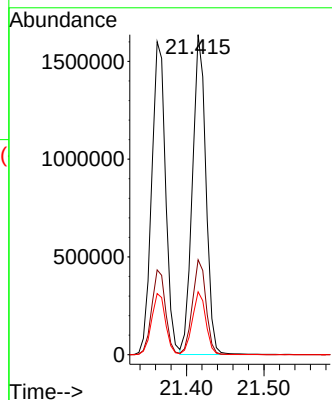
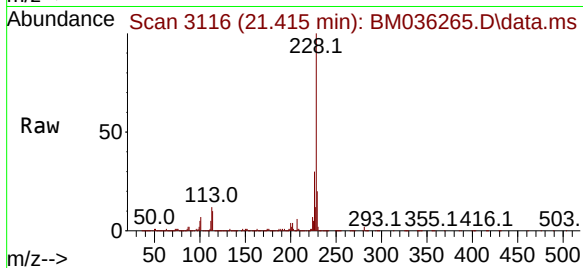
Tgt Ion:228 Resp: 1974636

Ion Ratio Lower Upper

228 100

226 29.6 23.7 35.5

229 19.7 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 28.654 ng/ul

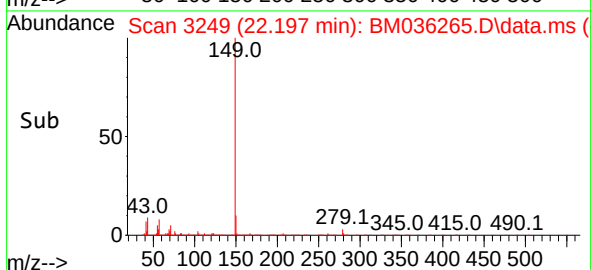
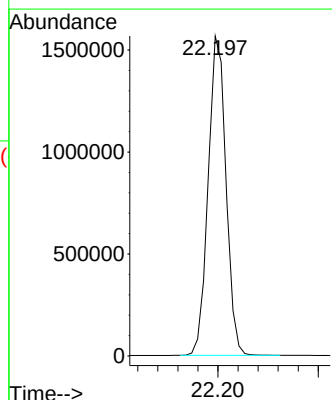
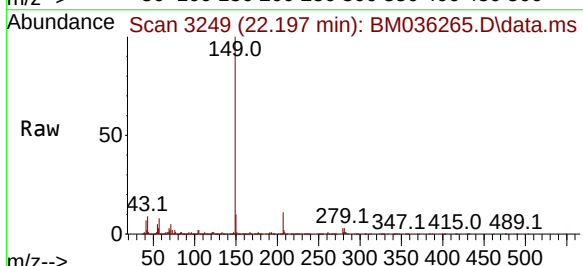
RT: 22.197 min Scan# 3249

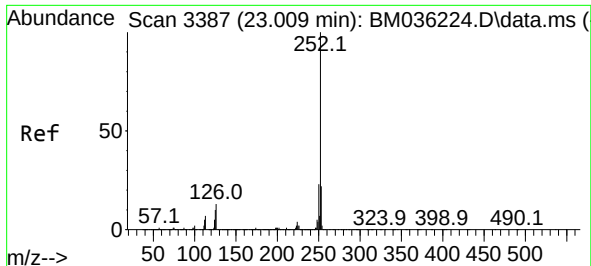
Delta R.T. -0.006 min

Lab File: BM036265.D

Acq: 13 Aug 2022 13:22

Tgt Ion:149 Resp: 1935342

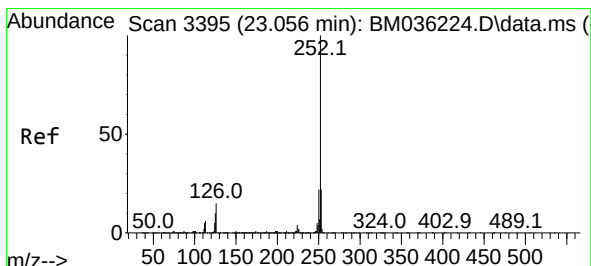
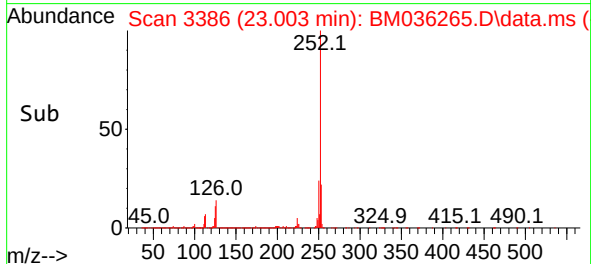
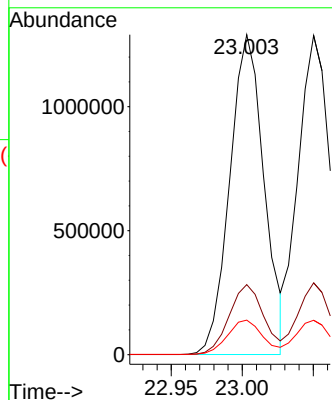
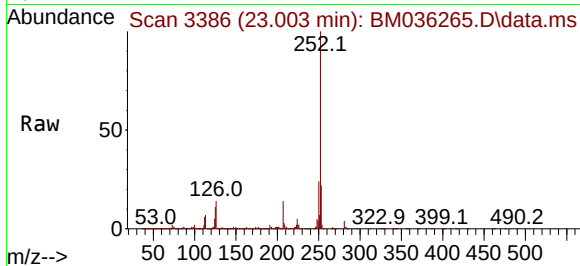




#90
Benzo(b)fluoranthene
Concen: 31.086 ng/ul
RT: 23.003 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM036265.D
Acq: 13 Aug 2022 13:22

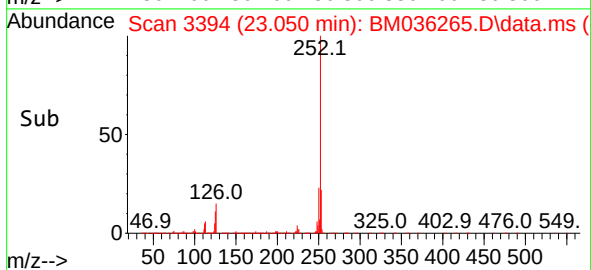
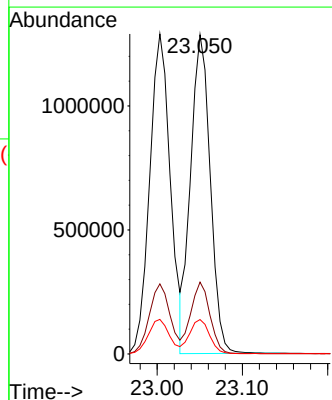
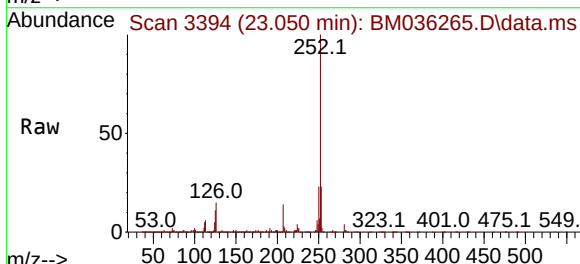
Instrument :
BNA_M
ClientSampleId :

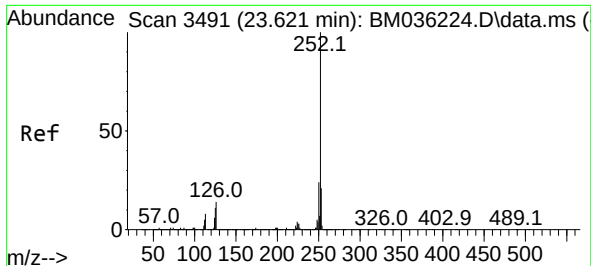
Tgt Ion:252 Resp: 2169892
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 10.8 10.7 16.1



#91
Benzo(k)fluoranthene
Concen: 31.077 ng/ul
RT: 23.050 min Scan# 3394
Delta R.T. -0.006 min
Lab File: BM036265.D
Acq: 13 Aug 2022 13:22

Tgt Ion:252 Resp: 2058480
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.0
125 10.8 10.6 15.8

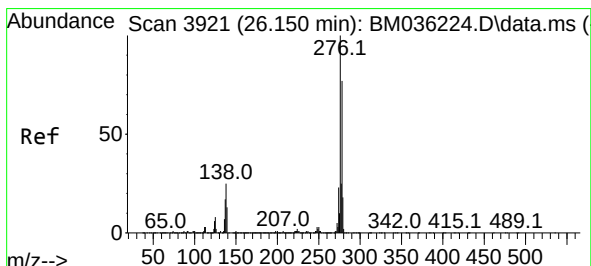
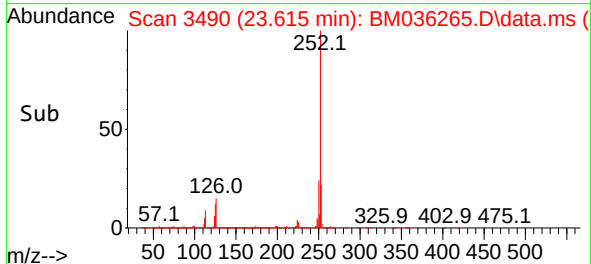
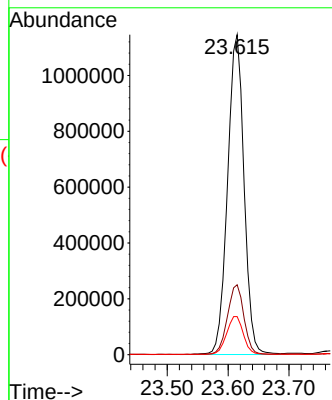
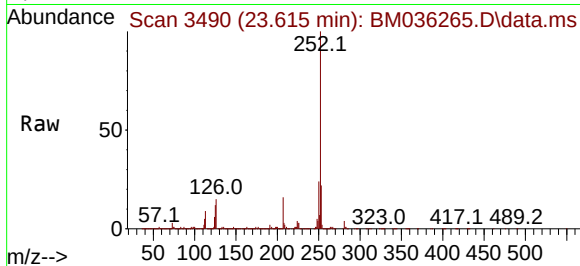




#93
Benzo(a)pyrene
Concen: 32.354 ng/ul
RT: 23.615 min Scan# 3491
Delta R.T. -0.006 min
Lab File: BM036265.D
Acq: 13 Aug 2022 13:22

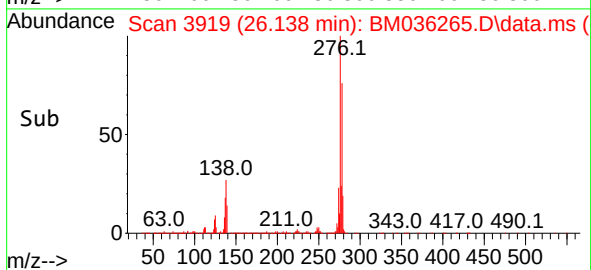
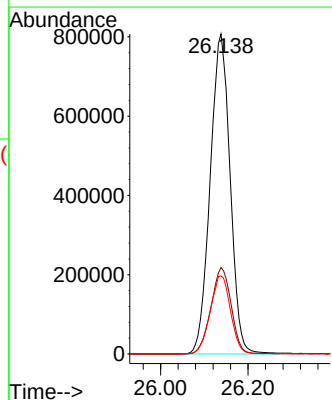
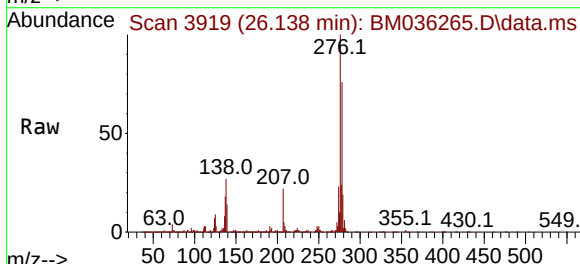
Instrument :
BNA_M
ClientSampleId :

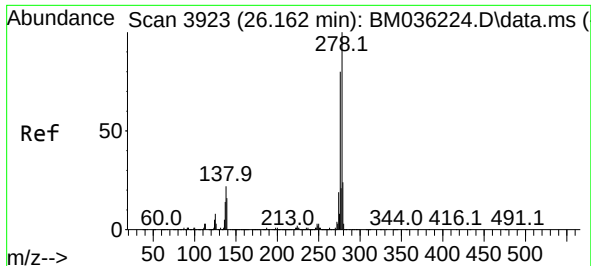
Tgt Ion:252 Resp: 2151096
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 11.9 11.8 17.8



#94
Indeno(1,2,3-cd)pyrene
Concen: 36.063 ng/ul
RT: 26.138 min Scan# 3919
Delta R.T. -0.012 min
Lab File: BM036265.D
Acq: 13 Aug 2022 13:22

Tgt Ion:276 Resp: 2555727
Ion Ratio Lower Upper
276 100
138 27.0 25.6 38.4
277 24.4 20.1 30.1

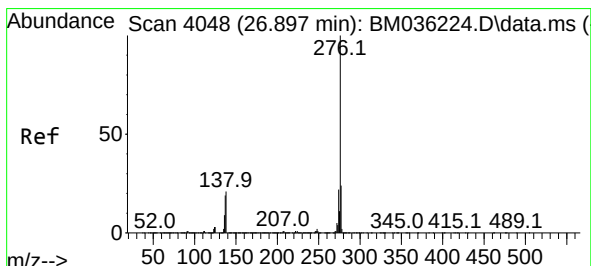
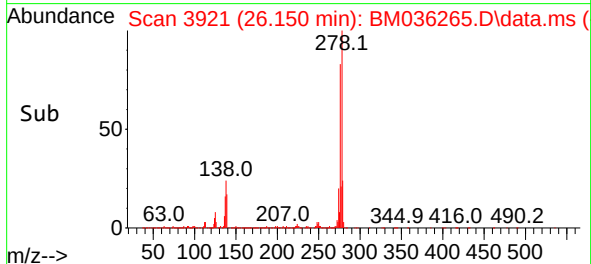
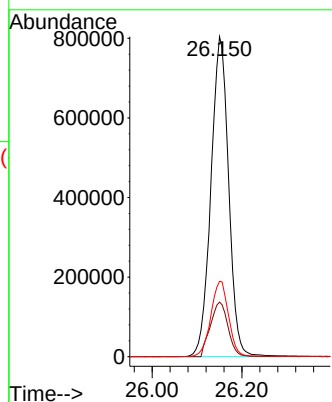
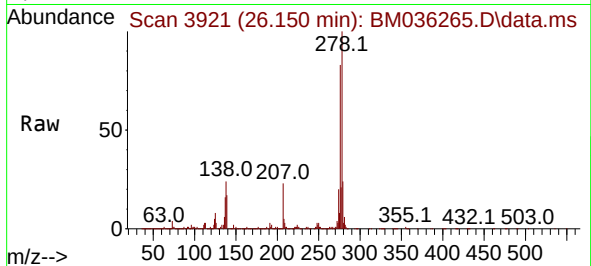




#95
 Dibenzo(a,h)anthracene
 Concen: 36.256 ng/ul
 RT: 26.150 min Scan# 3923
 Delta R.T. -0.012 min
 Lab File: BM036265.D
 Acq: 13 Aug 2022 13:22

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:278 Resp: 2204344
 Ion Ratio Lower Upper
 278 100
 139 17.0 16.2 24.2
 279 23.6 18.7 28.1



#96
 Benzo(g,h,i)perylene
 Concen: 37.019 ng/ul
 RT: 26.879 min Scan# 4045
 Delta R.T. -0.018 min
 Lab File: BM036265.D
 Acq: 13 Aug 2022 13:22

Tgt Ion:276 Resp: 2174015
 Ion Ratio Lower Upper
 276 100
 138 23.4 21.3 31.9
 277 24.1 18.6 28.0

