

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072922\
 Data File : BM035993.D
 Acq On : 29 Jul 2022 15:26
 Operator : CG/JU
 Sample : PB146474BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 30 00:23:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 30 00:20:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	302906	20.000	ng/u1	0.00
20) Naphthalene-d8	10.686	136	1257304	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.515	164	707704	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.256	188	1324520	20.000	ng/u1	0.00
79) Chrysene-d12	21.433	240	1158099	20.000	ng/u1	0.00
88) Perylene-d12	23.803	264	1160922	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	51810	6.436	ng/uL	0.00
4) Pyridine-d5	3.693	84	701601	31.815	ng/u1	0.00
7) Phenol-d5	7.045	99	850685	33.490	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	542715	32.049	ng/u1	0.00
11) 2-Chlorophenol-d4	7.410	132	738857	35.043	ng/u1	0.00
15) 4-Methylphenol-d8	8.598	113	666176	32.373	ng/u1	0.00
21) Nitrobenzene-d5	9.045	128	353455	35.477	ng/u1	0.00
24) 2-Nitrophenol-d4	9.769	143	366353	37.742	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.304	165	643303	36.643	ng/u1	0.00
31) 4-Chloroaniline-d4	10.827	131	902644	30.372	ng/u1	0.00
46) Dimethylphthalate-d6	13.933	166	1708236	35.435	ng/u1	0.00
49) Acenaphthylene-d8	14.210	160	2225959	36.190	ng/u1	0.00
54) 4-Nitrophenol-d4	14.715	143	306049	30.916	ng/u1	0.00
60) Fluorene-d10	15.504	176	1484846	34.086	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.627	200	234110	32.882	ng/u1	0.00
73) Anthracene-d10	17.351	188	2108153	35.205	ng/u1	0.00
81) Pyrene-d10	19.645	212	2287775	35.644	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.650	264	2119849	35.967	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.304	88	105275	12.620	ng/uL	97
5) Pyridine	3.710	79	742377	32.079	ng/u1	89
6) Benzaldehyde	7.016	77	567584	53.238	ng/u1	94
8) Phenol	7.075	94	894228	32.169	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.304	93	719215	32.182	ng/u1	96
12) 2-Chlorophenol	7.439	128	733152	33.896	ng/u1	99
13) 2-Methylphenol	8.328	108	663164	31.934	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.416	45	940163	31.871	ng/u1	97
16) Acetophenone	8.710	105	1034674	31.317	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.698	70	525165	31.874	ng/u1	94
18) 4-Methylphenol	8.657	108	704102	31.605	ng/u1	99
19) Hexachloroethane	8.957	117	304554	34.127	ng/u1	93
22) Nitrobenzene	9.086	77	767107	33.647	ng/u1	99
23) Isophorone	9.616	82	1428756	33.198	ng/u1	97
25) 2-Nitrophenol	9.798	139	383405	35.603	ng/u1	97
26) 2,4-Dimethylphenol	9.863	107	705054	32.041	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.104	93	905555	33.362	ng/u1	100
29) 2,4-Dichlorophenol	10.333	162	636940	34.956	ng/u1	98
30) Naphthalene	10.733	128	2246278	33.848	ng/u1	99
32) 4-Chloroaniline	10.851	127	892193	30.220	ng/u1	98
33) Hexachlorobutadiene	11.016	225	403254	35.848	ng/u1	98
34) Caprolactam	11.633	113	181904	30.206	ng/u1	87
35) 4-Chloro-3-methylphenol	11.974	107	633929	33.458	ng/u1	94
36) 2-Methylnaphthalene	12.345	142	1448328	33.357	ng/u1	99

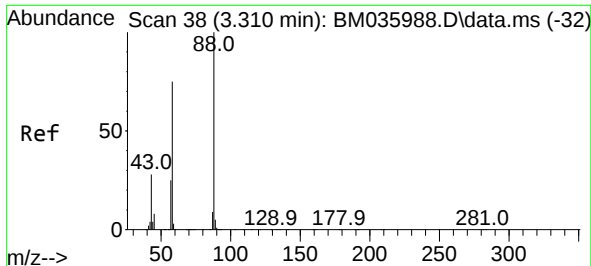
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.563	142	1459165	33.341	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.710	216	714834	35.484	ng/ul	99
40) Hexachlorocyclopentadiene	12.686	237	378752	28.229	ng/ul	97
41) 2,4,6-Trichlorophenol	12.951	196	466677	36.199	ng/ul	99
42) 2,4,5-Trichlorophenol	13.021	196	492499	35.803	ng/ul	99
43) 1,1'-Biphenyl	13.357	154	1867141	34.277	ng/ul	100
44) 2-Chloronaphthalene	13.392	162	1438626	34.413	ng/ul	99
45) 2-Nitroaniline	13.604	65	387299	33.605	ng/ul	97
47) Dimethylphthalate	13.980	163	1670212	34.444	ng/ul	100
48) 2,6-Dinitrotoluene	14.098	165	338348	35.145	ng/ul	95
50) Acenaphthylene	14.239	152	2314346	34.014	ng/ul	100
51) 3-Nitroaniline	14.427	138	374760	35.223	ng/ul	95
52) Acenaphthene	14.580	153	1485887	33.662	ng/ul	99
53) 2,4-Dinitrophenol	14.633	184	155931	28.527	ng/ul	96
55) 4-Nitrophenol	14.733	109	222876	29.437	ng/ul	88
56) Dibenzofuran	14.915	168	2062417	33.768	ng/ul	100
57) 2,4-Dinitrotoluene	14.880	165	462664	34.093	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.139	232	380749	35.229	ng/ul	98
59) Diethylphthalate	15.339	149	1674098	34.132	ng/ul	99
61) Fluorene	15.562	166	1654021	33.152	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.557	204	801871	33.545	ng/ul	97
63) 4-Nitroaniline	15.586	138	374981	38.283	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.639	198	227518	31.936	ng/ul	93
67) N-Nitrosodiphenylamine	15.768	169	1354981	34.797	ng/ul	99
68) 4-Bromophenyl-phenylether	16.451	248	470990	36.272	ng/ul	98
69) Hexachlorobenzene	16.557	284	556558	35.178	ng/ul	97
70) Atrazine	16.721	200	462361	34.234	ng/ul	99
71) Pentachlorophenol	16.904	266	322042	33.319	ng/ul	98
72) Phenanthrene	17.298	178	2429061	34.217	ng/ul	98
74) Anthracene	17.386	178	2421645	33.995	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.316	216	707052	34.327	ng/ul	98
76) Pentachlorobenzene	14.827	250	684745	36.674	ng/ul	99
77) Carbazole	17.662	167	2198986	33.423	ng/ul	99
78) Di-n-butylphthalate	18.227	149	2795397	37.658	ng/ul	100
80) Fluoranthene	19.309	202	2684224	35.003	ng/ul	99
82) Pyrene	19.674	202	2739482	34.658	ng/ul	96
83) Butylbenzylphthalate	20.574	149	1114114	38.755	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.356	252	863794	40.419	ng/ul	98
85) Benzo(a)anthracene	21.421	228	2538365	34.823	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.350	149	1681234	40.474	ng/ul	99
87) Chrysene	21.474	228	2469368	34.720	ng/ul	100
89) Di-n-octyl phthalate	22.268	149	2712756	36.185	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	2602769	33.594	ng/ul	98
91) Benzo(k)fluoranthene	23.080	252	2602769	35.401	ng/ul	98
93) Benzo(a)pyrene	23.703	252	2560816	34.701	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.268	276	3000625	38.147	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.285	278	2564098	37.995	ng/ul	97
96) Benzo(g,h,i)perylene	27.026	276	2537552	38.929	ng/ul	96

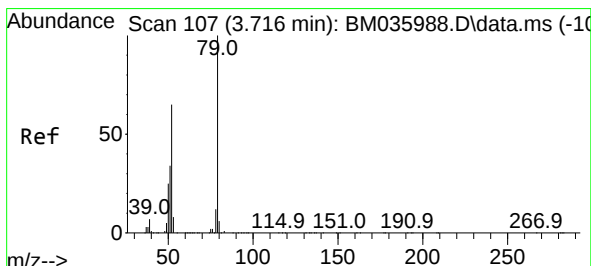
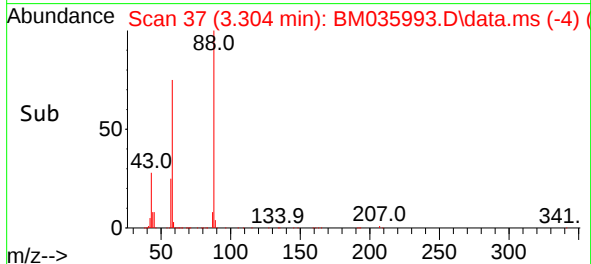
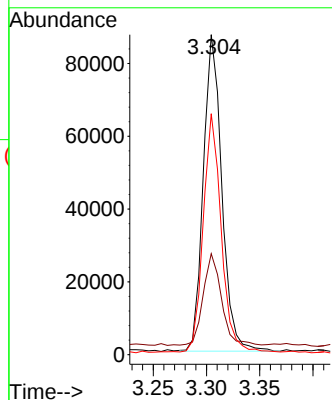
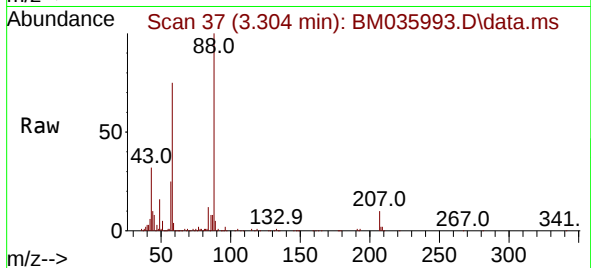
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#2
1,4-Dioxane
Concen: 12.620 ng/uL
RT: 3.304 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM035993.D
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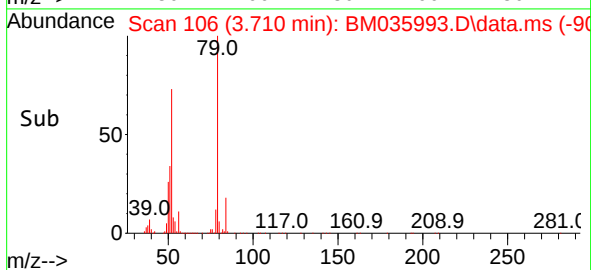
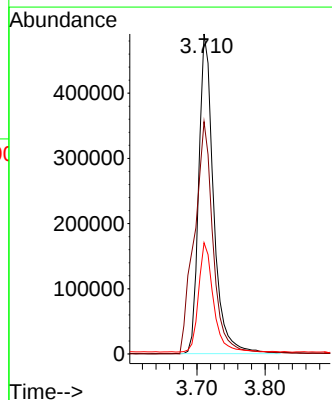
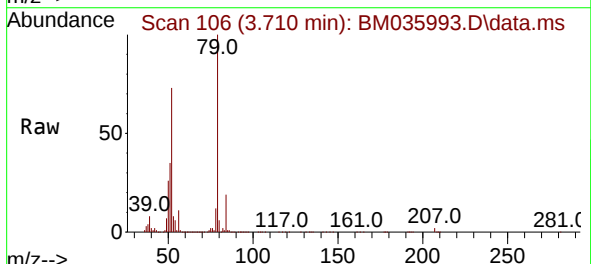
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ClientSampleId :

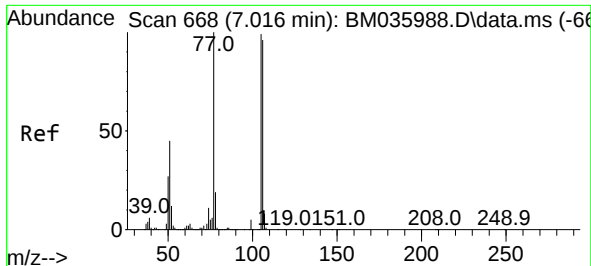
Tgt Ion: 88 Resp: 105275
Ion Ratio Lower Upper
88 100
43 31.6 27.8 41.8
58 75.3 61.8 92.8



#5
Pyridine
Concen: 32.079 ng/uL
RT: 3.710 min Scan# 106
Delta R.T. -0.006 min
Lab File: BM035993.D
Acq: 29 Jul 2022 15:26

Tgt Ion: 79 Resp: 742377
Ion Ratio Lower Upper
79 100
52 72.6 67.8 101.6
51 34.7 31.4 47.0

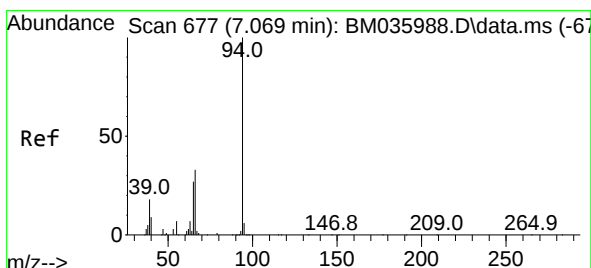
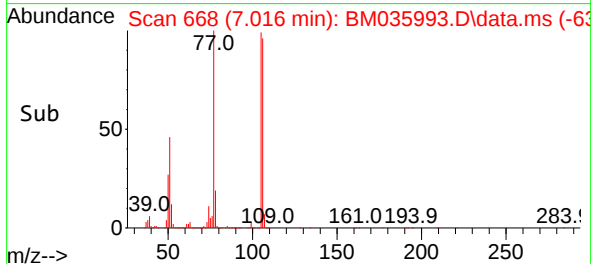
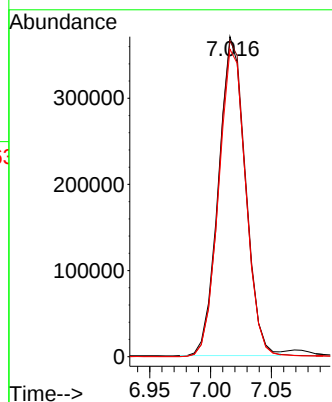
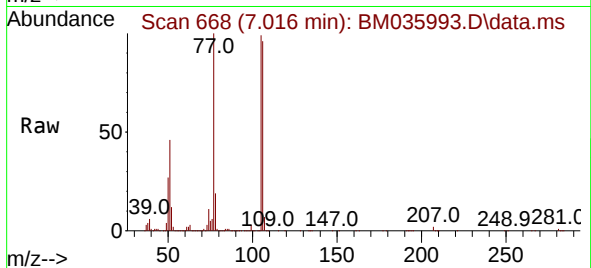




#6
Benzaldehyde
Concen: 53.238 ng/ul
RT: 7.016 min Scan# 668
Delta R.T. -0.000 min
Lab File: BM035993.D
Acq: 29 Jul 2022 15:26

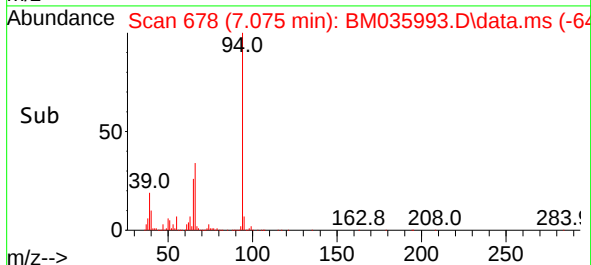
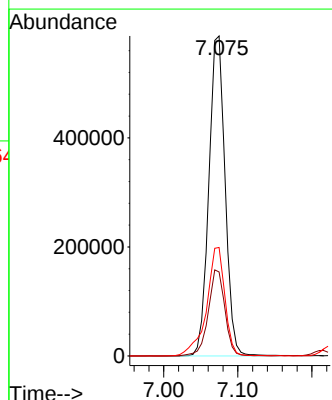
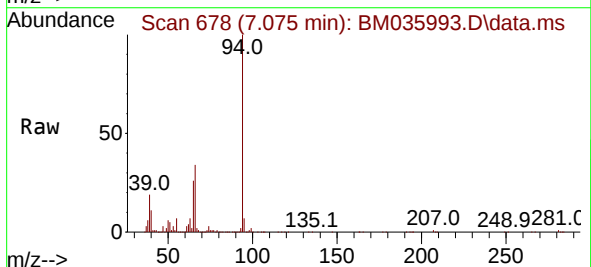
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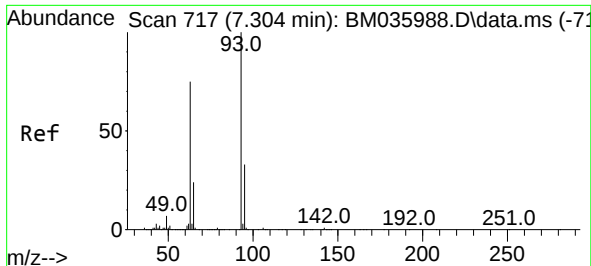
Tgt Ion: 77 Resp: 567584
Ion Ratio Lower Upper
77 100
105 98.7 84.6 127.0
106 96.1 80.3 120.5



#8
Phenol
Concen: 32.169 ng/ul
RT: 7.075 min Scan# 678
Delta R.T. 0.006 min
Lab File: BM035993.D
Acq: 29 Jul 2022 15:26

Tgt Ion: 94 Resp: 894228
Ion Ratio Lower Upper
94 100
65 26.3 21.3 31.9
66 33.9 27.4 41.0

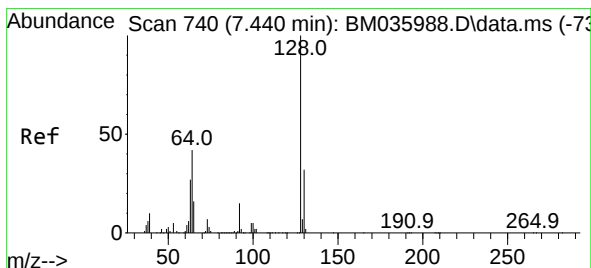
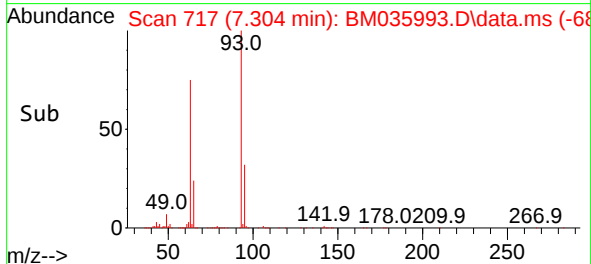
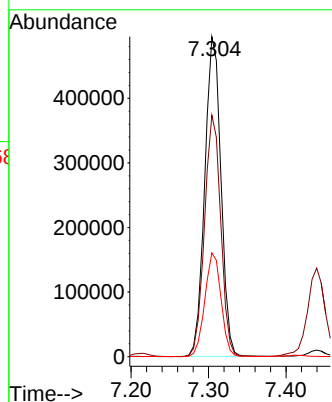
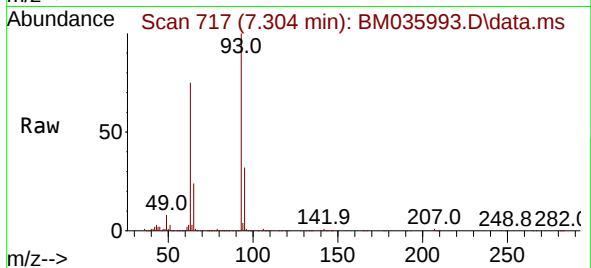




#10
Bis(2-Chloroethyl)ether
Concen: 32.182 ng/ul
RT: 7.304 min Scan# 717
Delta R.T. -0.000 min
Lab File: BM035993.D
Acq: 29 Jul 2022 15:26

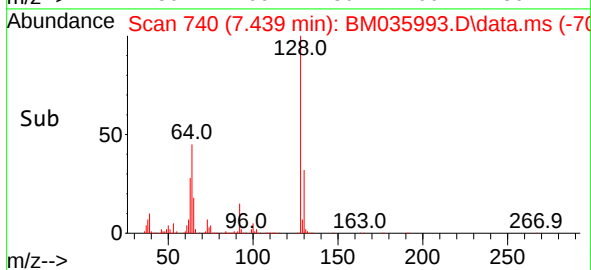
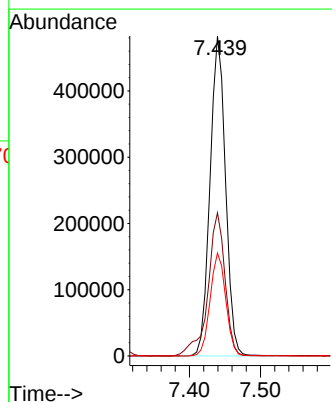
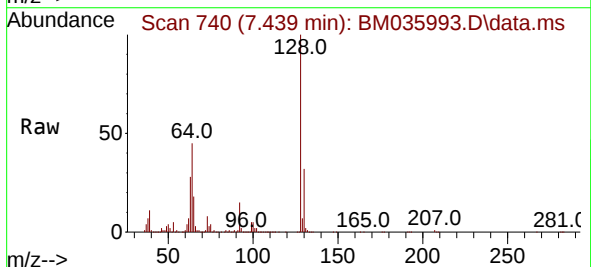
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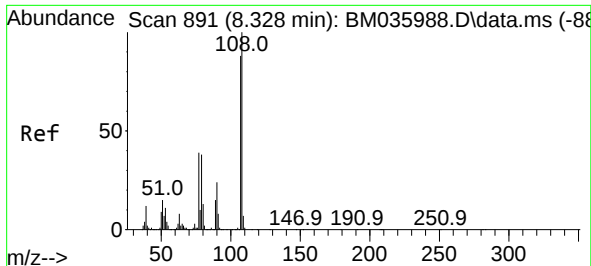
Tgt Ion: 93 Resp: 719215
Ion Ratio Lower Upper
93 100
63 75.5 64.0 96.0
95 32.4 25.8 38.6



#12
2-Chlorophenol
Concen: 33.896 ng/ul
RT: 7.439 min Scan# 740
Delta R.T. -0.000 min
Lab File: BM035993.D
Acq: 29 Jul 2022 15:26

Tgt Ion:128 Resp: 733152
Ion Ratio Lower Upper
128 100
64 44.8 36.9 55.3
130 32.2 25.6 38.4

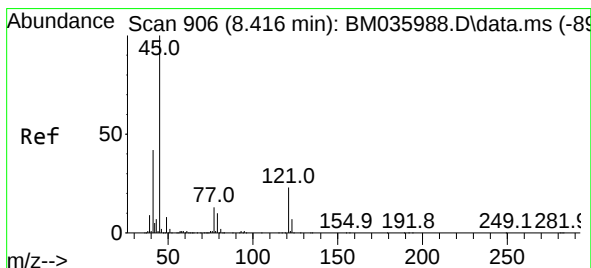
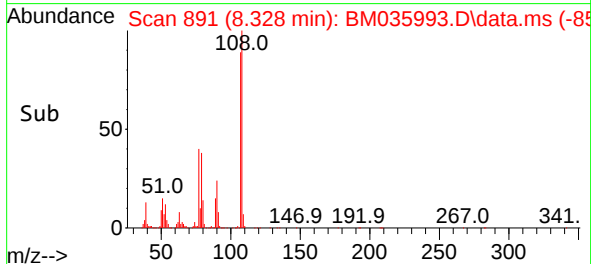
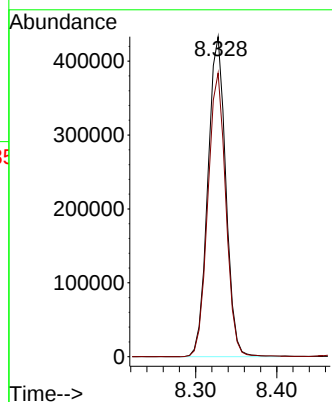
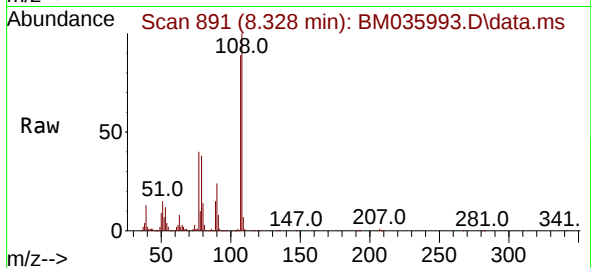




#13
2-Methylphenol
Concen: 31.934 ng/ul
RT: 8.328 min Scan# 891
Delta R.T. -0.000 min
Lab File: BM035993.D
Acq: 29 Jul 2022 15:26

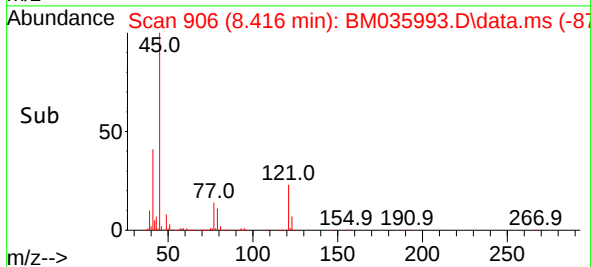
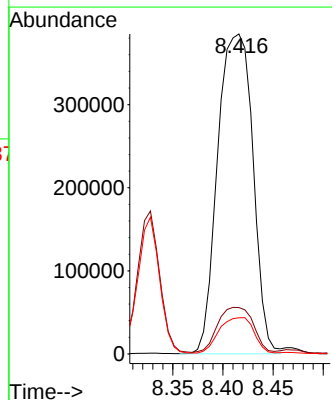
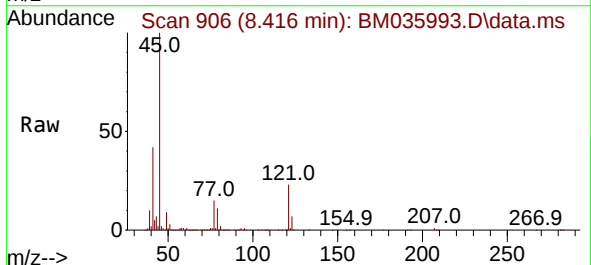
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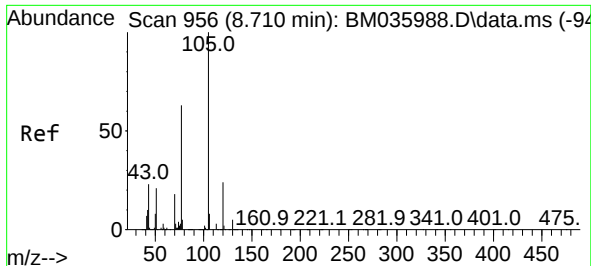
Tgt Ion:108 Resp: 663164
Ion Ratio Lower Upper
108 100
107 88.6 75.0 112.4



#14
2,2'-oxybis(1-Chloropropane)
Concen: 31.871 ng/ul
RT: 8.416 min Scan# 906
Delta R.T. -0.000 min
Lab File: BM035993.D
Acq: 29 Jul 2022 15:26

Tgt Ion: 45 Resp: 940163
Ion Ratio Lower Upper
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77 14.5 10.6 15.8
79 11.3 8.3 12.5

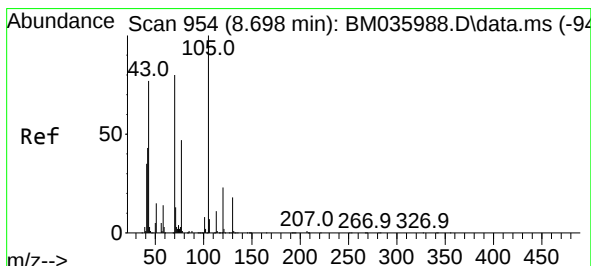
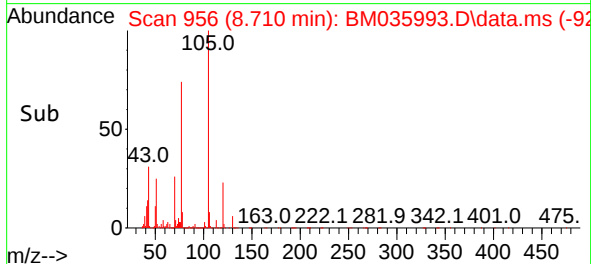
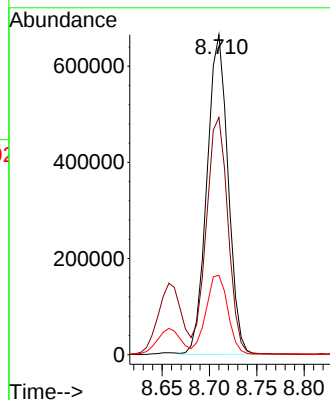
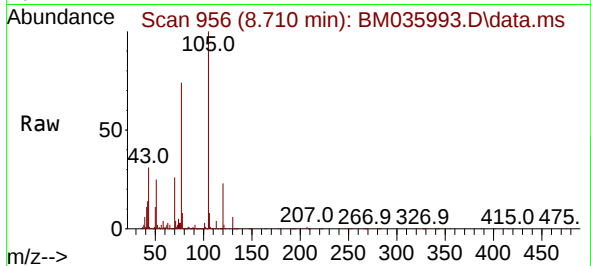




#16
Acetophenone
Concen: 31.317 ng/ul
RT: 8.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM035993.D
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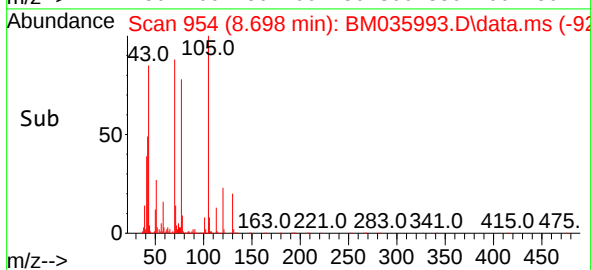
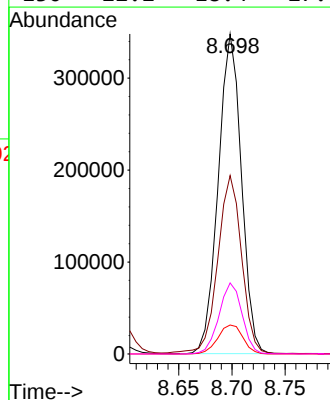
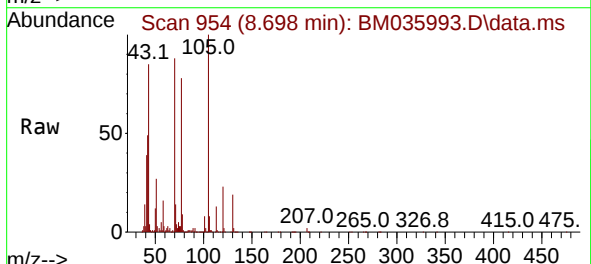
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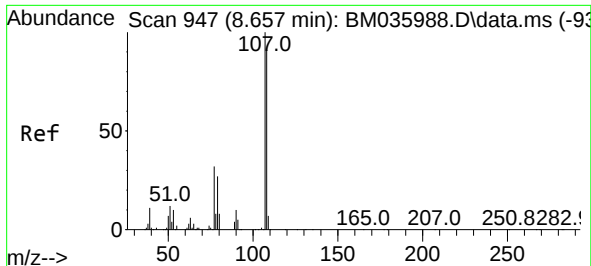
Tgt Ion:105 Resp: 1034674
Ion Ratio Lower Upper
105 100
77 74.1 59.8 89.6
51 24.8 22.1 33.1



#17
N-Nitroso-di-n-propylamine
Concen: 31.874 ng/ul
RT: 8.698 min Scan# 954
Delta R.T. -0.000 min
Lab File: BM035993.D
Acq: 29 Jul 2022 15:26

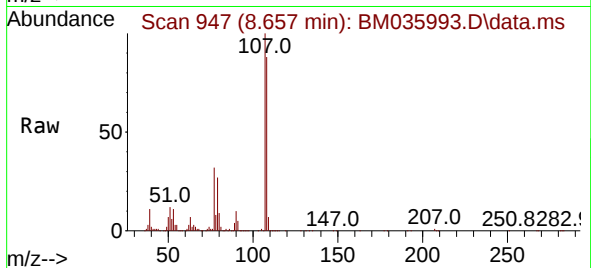
Tgt Ion: 70 Resp: 525165
Ion Ratio Lower Upper
70 100
42 55.7 49.6 74.4
101 9.0 8.1 12.1
130 22.2 18.4 27.6



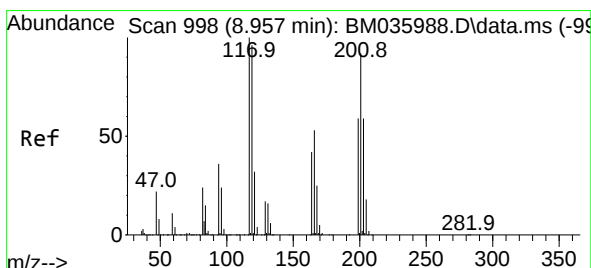
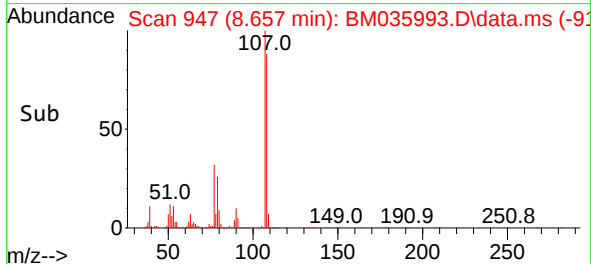
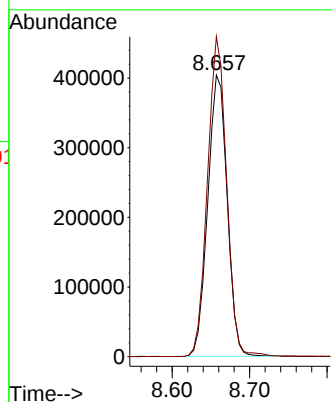


#18
4-Methylphenol
Concen: 31.605 ng/ul
RT: 8.657 min Scan# 947
Delta R.T. -0.000 min
Lab File: BM035993.D
Acq: 29 Jul 2022 15:26

Instrument :
BNA_M
ClientSampleId :

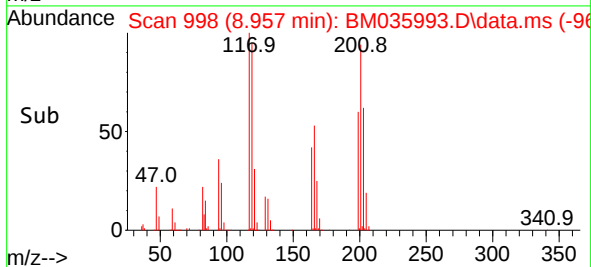
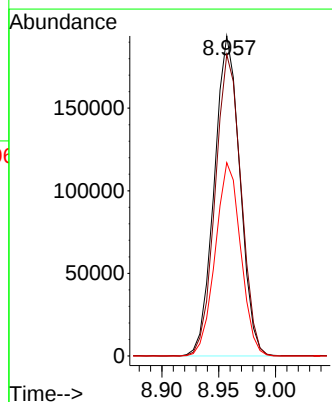
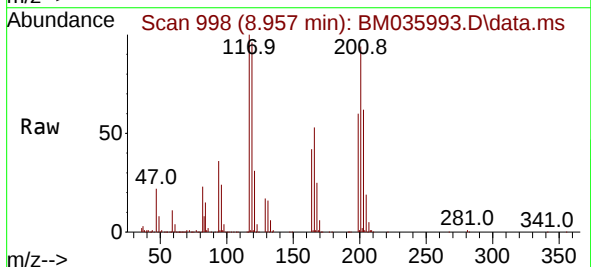


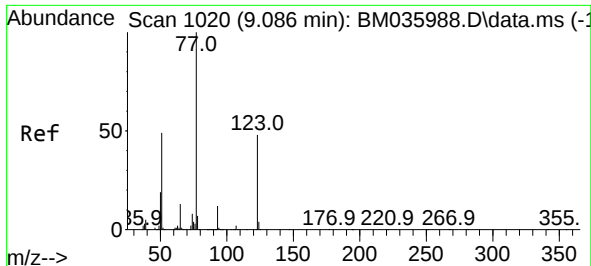
Tgt Ion:108 Resp: 704102
Ion Ratio Lower Upper
108 100
107 113.6 90.3 135.5



#19
Hexachloroethane
Concen: 34.127 ng/ul
RT: 8.957 min Scan# 998
Delta R.T. -0.000 min
Lab File: BM035993.D
Acq: 29 Jul 2022 15:26

Tgt Ion:117 Resp: 304554
Ion Ratio Lower Upper
117 100
201 94.2 81.8 122.6
199 60.4 51.6 77.4

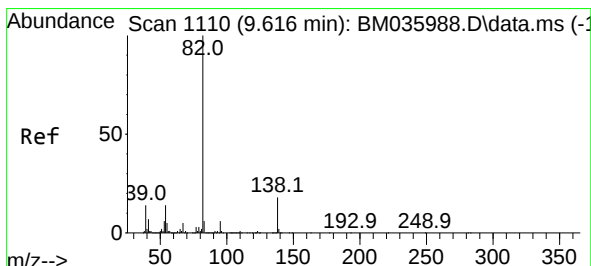
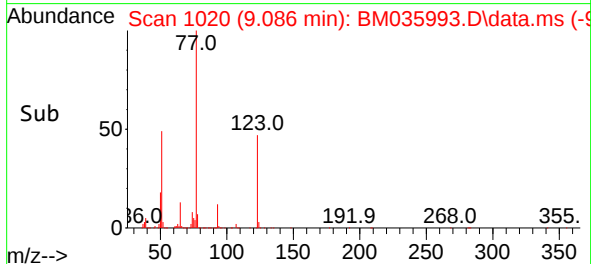
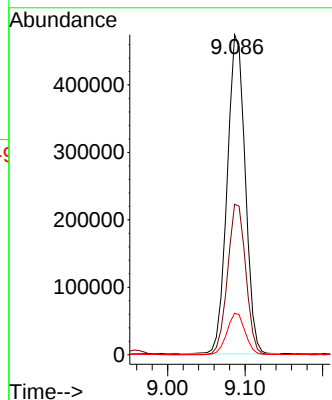
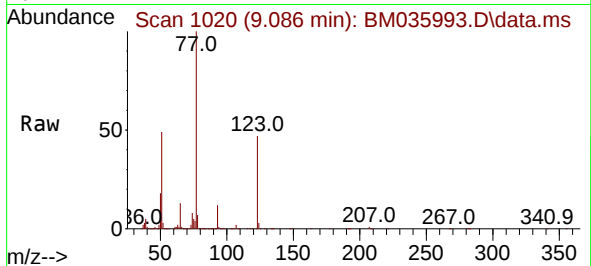




#22
Nitrobenzene
Concen: 33.647 ng/ul
RT: 9.086 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BM035993.D
Acq: 29 Jul 2022 15:26

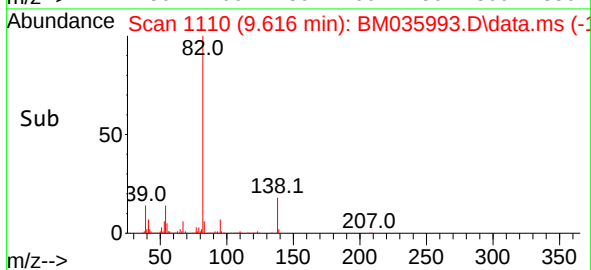
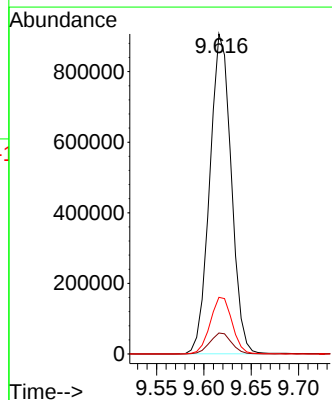
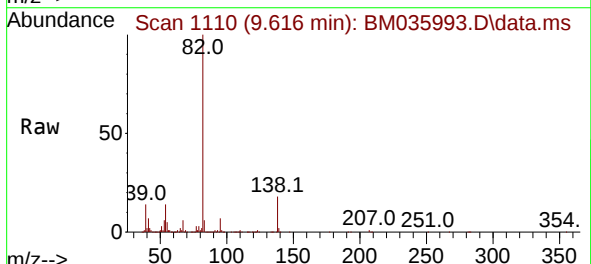
Instrument :
BNA_M
ClientSampleId :

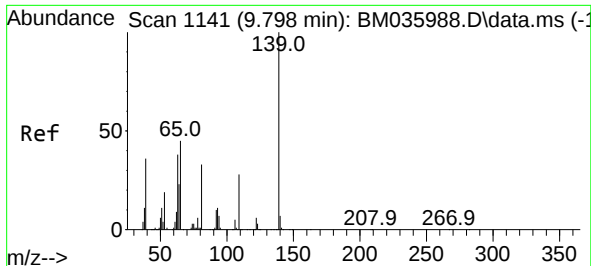
Tgt Ion: 77 Resp: 767107
Ion Ratio Lower Upper
77 100
123 47.0 37.4 56.0
65 12.9 10.8 16.2



#23
Isophorone
Concen: 33.198 ng/ul
RT: 9.616 min Scan# 1110
Delta R.T. -0.000 min
Lab File: BM035993.D
Acq: 29 Jul 2022 15:26

Tgt Ion: 82 Resp: 1428756
Ion Ratio Lower Upper
82 100
95 6.5 5.5 8.3
138 17.7 15.3 22.9

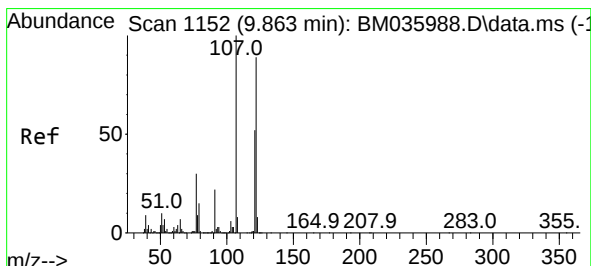
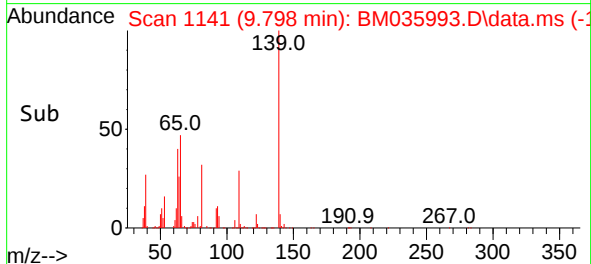
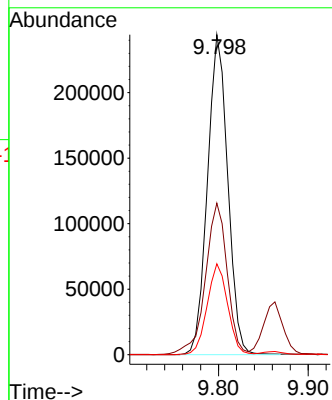
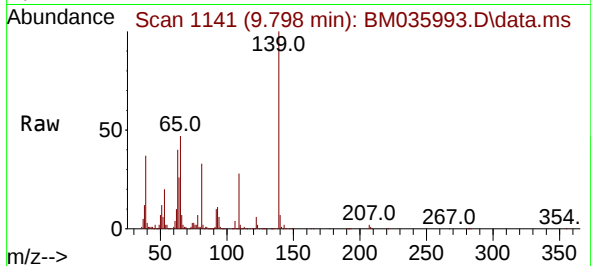




#25
2-Nitrophenol
Concen: 35.603 ng/ul
RT: 9.798 min Scan# 1141
Delta R.T. -0.000 min
Lab File: BM035993.D
Acq: 29 Jul 2022 15:26

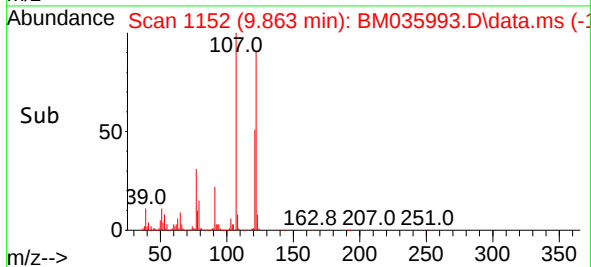
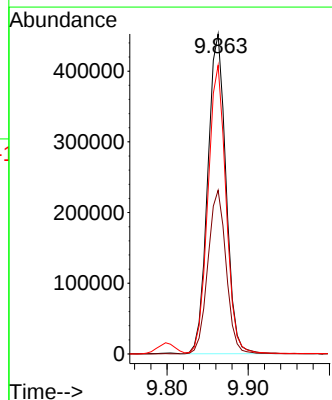
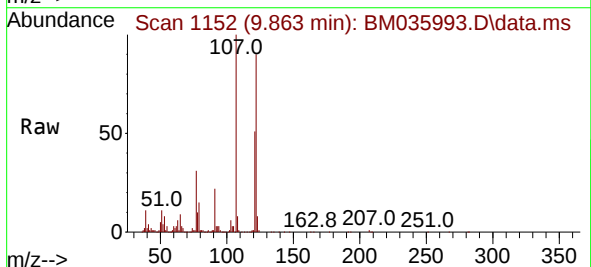
Instrument :
BNA_M
ClientSampleId :

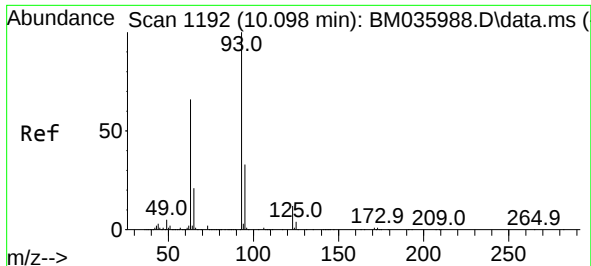
Tgt Ion:139 Resp: 383405
Ion Ratio Lower Upper
139 100
65 47.4 39.8 59.6
109 28.4 22.2 33.4



#26
2,4-Dimethylphenol
Concen: 32.041 ng/ul
RT: 9.863 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BM035993.D
Acq: 29 Jul 2022 15:26

Tgt Ion:107 Resp: 705054
Ion Ratio Lower Upper
107 100
121 51.2 42.7 64.1
122 90.2 71.5 107.3





#27

Bis(2-Chloroethoxy)methane

Concen: 33.362 ng/ul

RT: 10.104 min Scan# 1193

Delta R.T. 0.006 min

Lab File: BM035993.D

Acq: 29 Jul 2022 15:26

Instrument :

BNA_M

ClientSampleId :

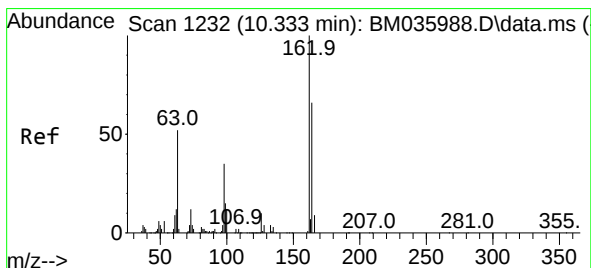
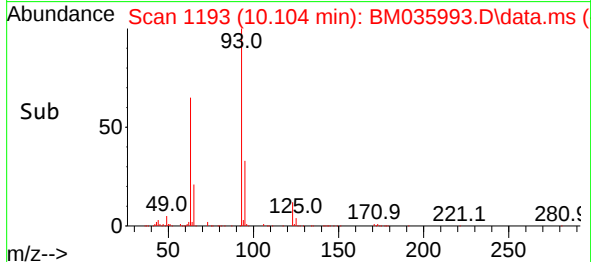
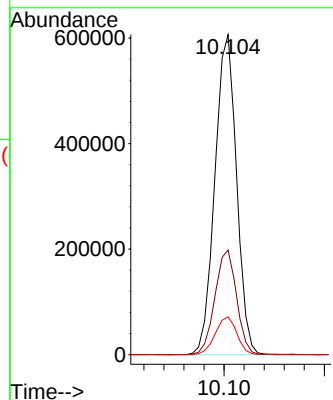
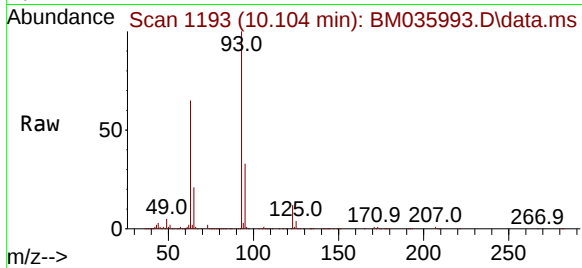
Tgt Ion: 93 Resp: 905555

Ion Ratio Lower Upper

93 100

95 32.7 26.1 39.1

123 11.9 9.4 14.0



#29

2,4-Dichlorophenol

Concen: 34.956 ng/ul

RT: 10.333 min Scan# 1232

Delta R.T. -0.000 min

Lab File: BM035993.D

Acq: 29 Jul 2022 15:26

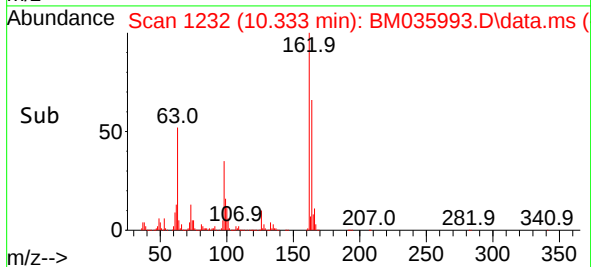
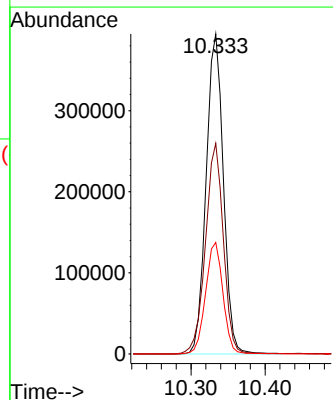
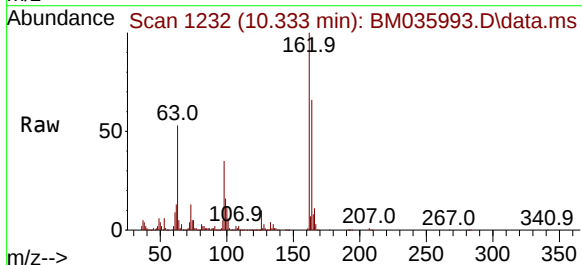
Tgt Ion:162 Resp: 636940

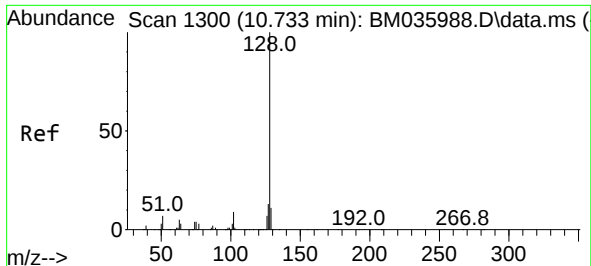
Ion Ratio Lower Upper

162 100

164 65.8 51.8 77.6

98 34.9 29.5 44.3

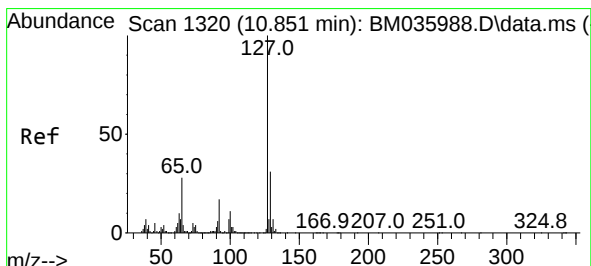
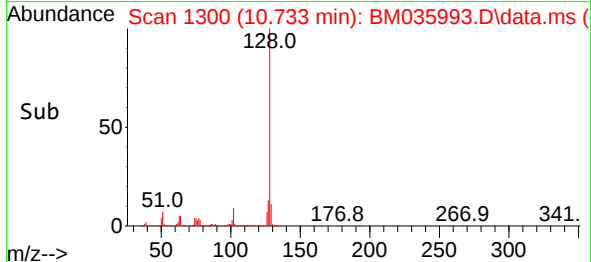
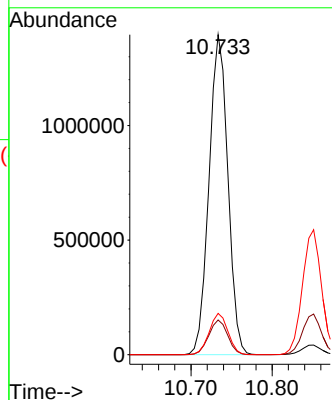
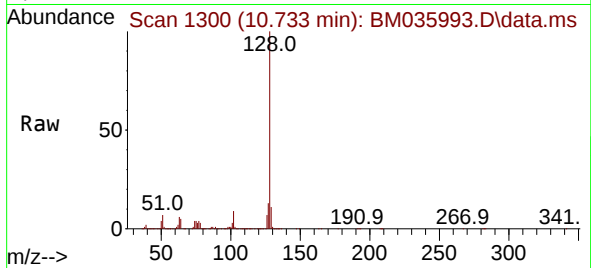




#30
Naphthalene
Concen: 33.848 ng/ul
RT: 10.733 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM035993.D
Acq: 29 Jul 2022 15:26

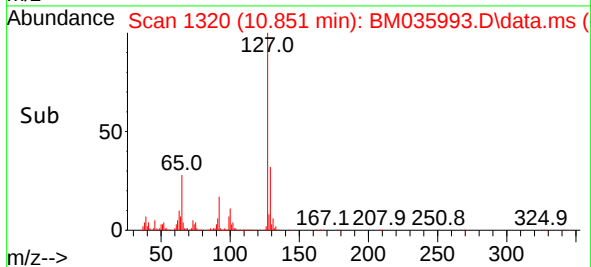
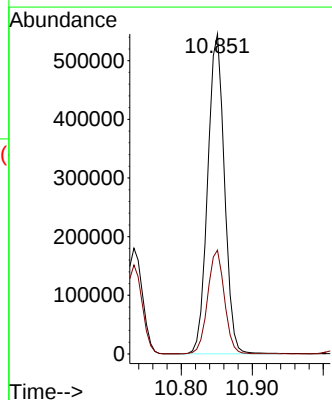
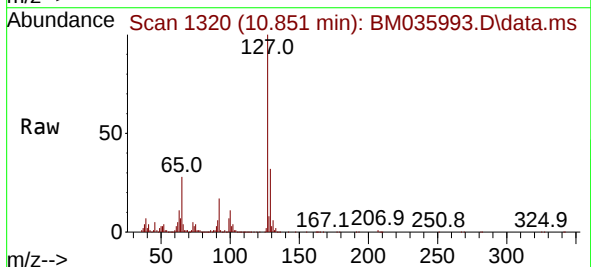
Instrument :
BNA_M
ClientSampleId :

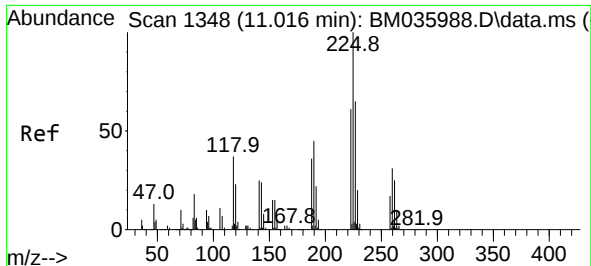
Tgt Ion:128 Resp: 2246278
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.9 10.6 16.0



#32
4-Chloroaniline
Concen: 30.220 ng/ul
RT: 10.851 min Scan# 1320
Delta R.T. -0.000 min
Lab File: BM035993.D
Acq: 29 Jul 2022 15:26

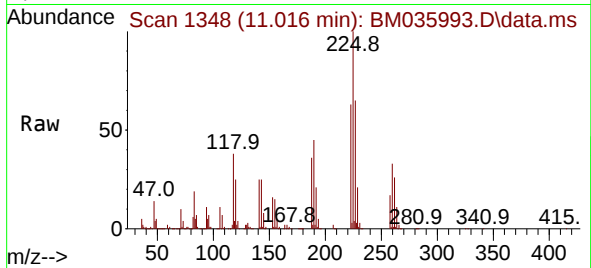
Tgt Ion:127 Resp: 892193
Ion Ratio Lower Upper
127 100
129 32.4 25.3 37.9



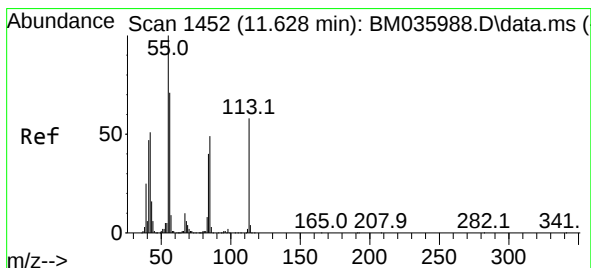
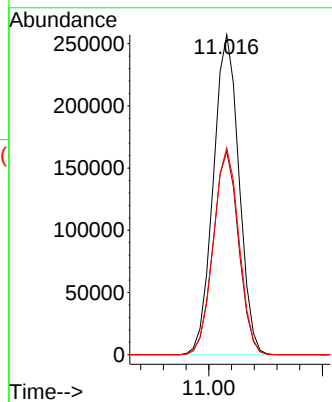
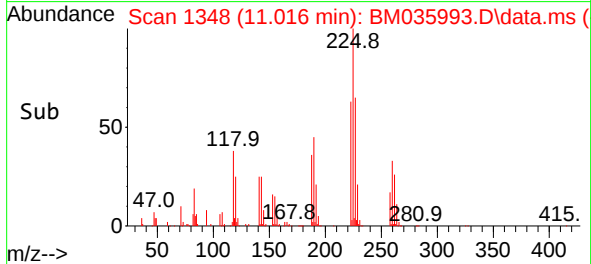


#33
Hexachlorobutadiene
Concen: 35.848 ng/ul
RT: 11.016 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM035993.D
Acq: 29 Jul 2022 15:26

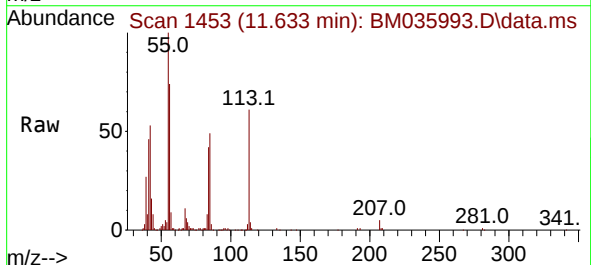
Instrument :
BNA_M
ClientSampleId :



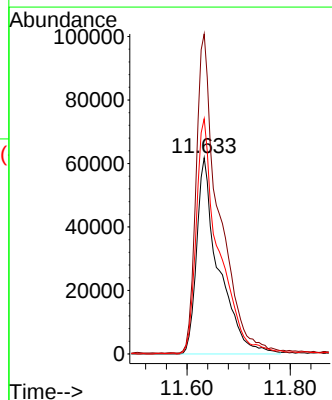
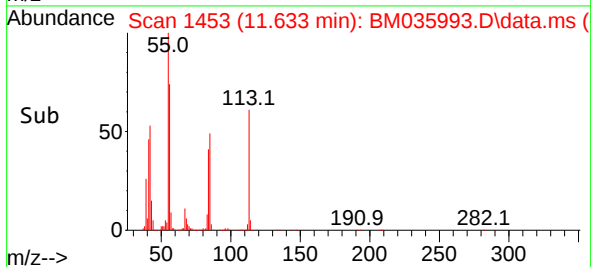
Tgt Ion:225 Resp: 403254
Ion Ratio Lower Upper
225 100
223 63.5 50.0 75.0
227 64.7 49.9 74.9

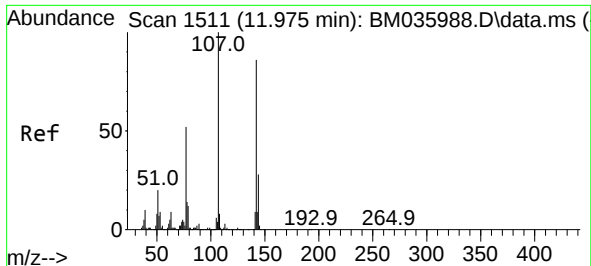


#34
Caprolactam
Concen: 30.206 ng/ul
RT: 11.633 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BM035993.D
Acq: 29 Jul 2022 15:26



Tgt Ion:113 Resp: 181904
Ion Ratio Lower Upper
113 100
55 163.2 150.2 225.4
56 120.0 102.1 153.1

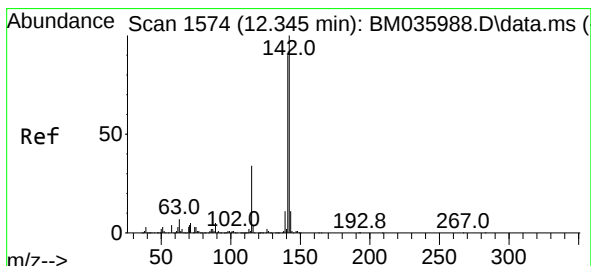
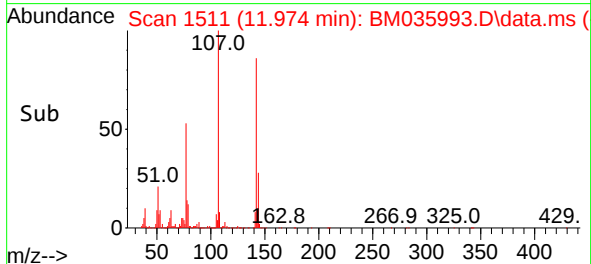
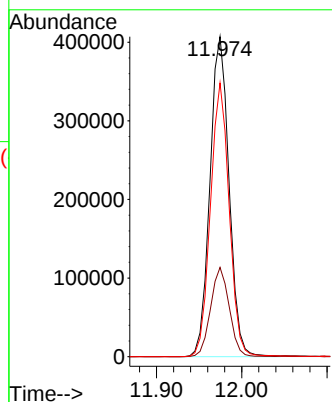
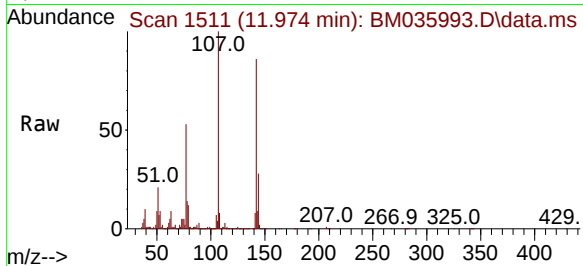




#35
4-Chloro-3-methylphenol
Concen: 33.458 ng/ul
RT: 11.974 min Scan# 1511
Delta R.T. -0.000 min
Lab File: BM035993.D
Acq: 29 Jul 2022 15:26

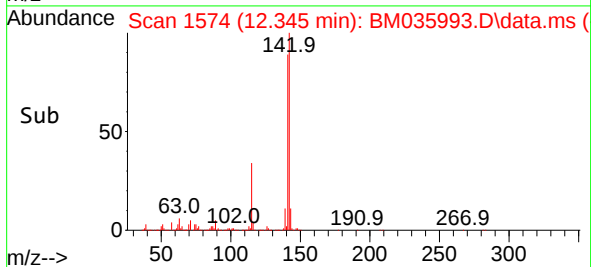
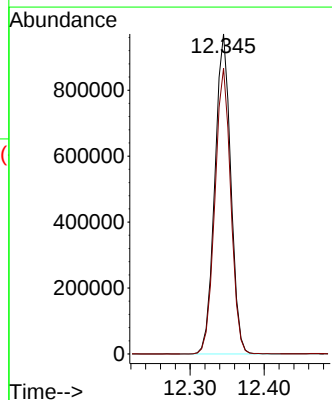
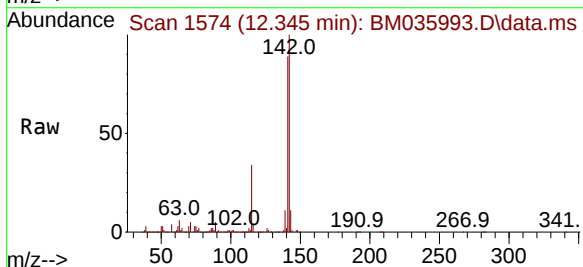
Instrument :
BNA_M
ClientSampleId :

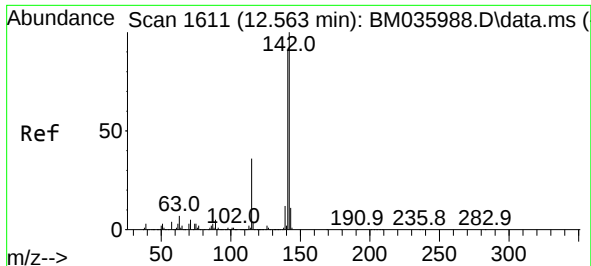
Tgt Ion:107 Resp: 633929
Ion Ratio Lower Upper
107 100
144 27.9 20.3 30.5
142 85.6 64.4 96.6



#36
2-Methylnaphthalene
Concen: 33.357 ng/ul
RT: 12.345 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BM035993.D
Acq: 29 Jul 2022 15:26

Tgt Ion:142 Resp: 1448328
Ion Ratio Lower Upper
142 100
141 89.3 70.7 106.1





#37

1-Methylnaphthalene

Concen: 33.341 ng/ul

RT: 12.563 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM035993.D

Acq: 29 Jul 2022 15:26

Instrument :

BNA_M

ClientSampleId :

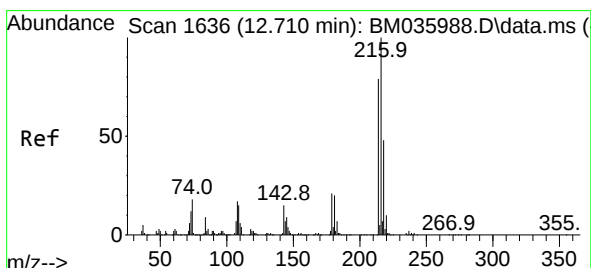
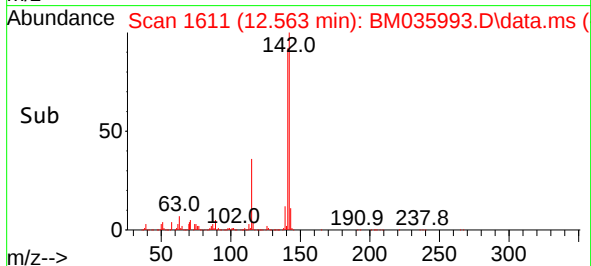
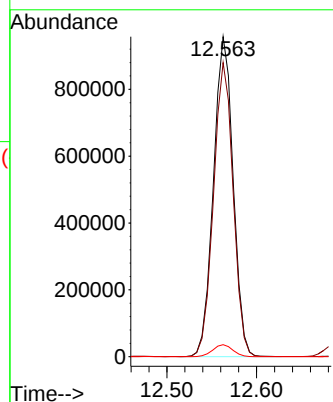
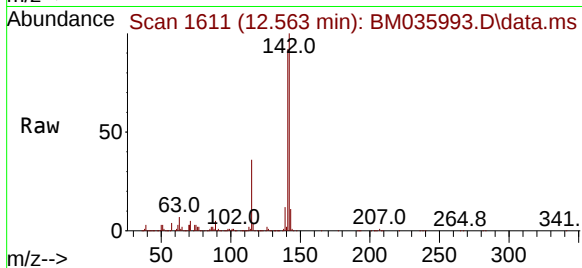
Tgt Ion:142 Resp: 1459165

Ion Ratio Lower Upper

142 100

141 91.9 75.2 112.8

116 3.8 2.6 3.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.484 ng/ul

RT: 12.710 min Scan# 1636

Delta R.T. -0.000 min

Lab File: BM035993.D

Acq: 29 Jul 2022 15:26

Tgt Ion:216 Resp: 714834

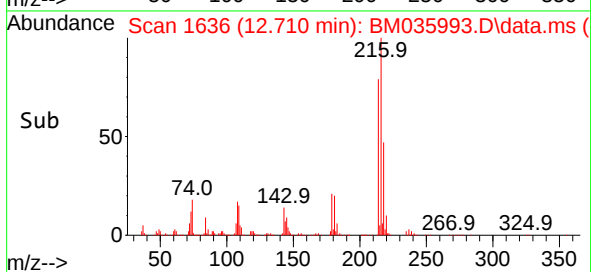
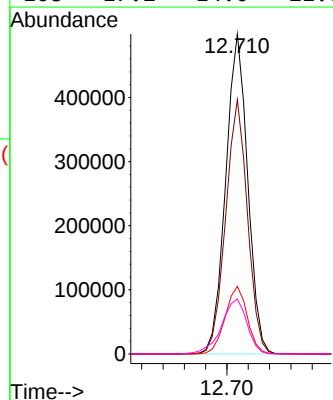
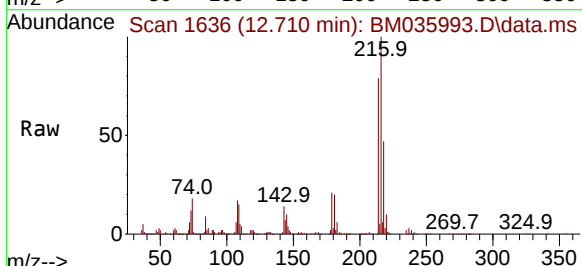
Ion Ratio Lower Upper

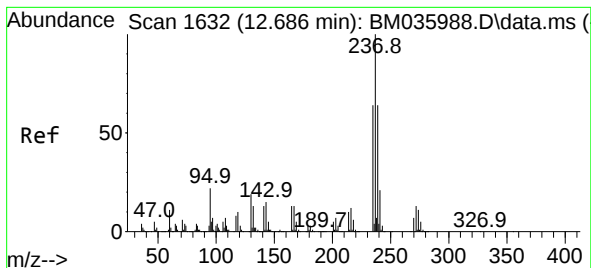
216 100

214 79.5 62.4 93.6

179 21.1 17.3 25.9

108 17.2 14.0 21.0





#40

Hexachlorocyclopentadiene

Concen: 28.229 ng/ul

RT: 12.686 min Scan# 1632

Delta R.T. -0.000 min

Lab File: BM035993.D

Acq: 29 Jul 2022 15:26

Instrument :

BNA_M

ClientSampleId :

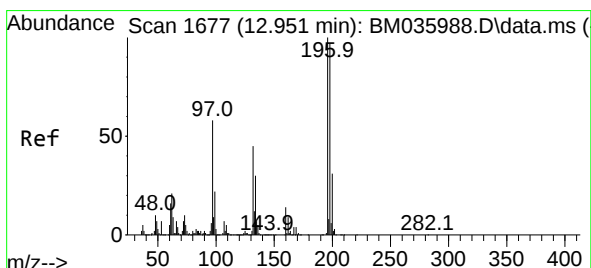
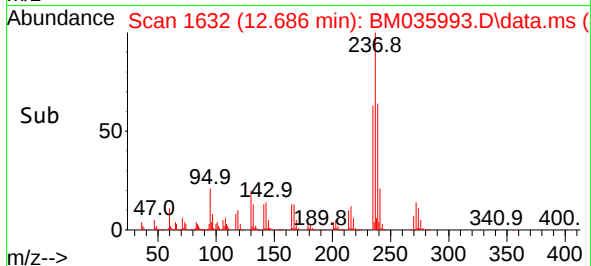
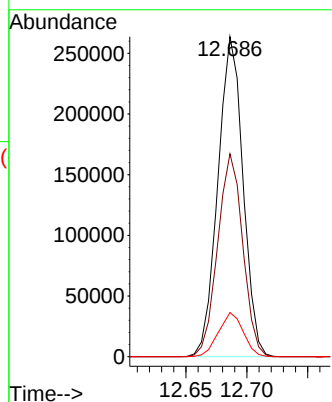
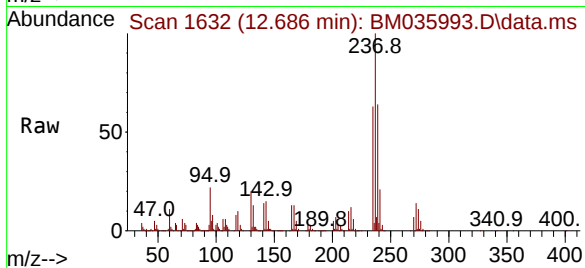
Tgt Ion:237 Resp: 378752

Ion Ratio Lower Upper

237 100

235 63.4 48.4 72.6

272 13.8 11.6 17.4



#41

2,4,6-Trichlorophenol

Concen: 36.199 ng/ul

RT: 12.951 min Scan# 1677

Delta R.T. -0.000 min

Lab File: BM035993.D

Acq: 29 Jul 2022 15:26

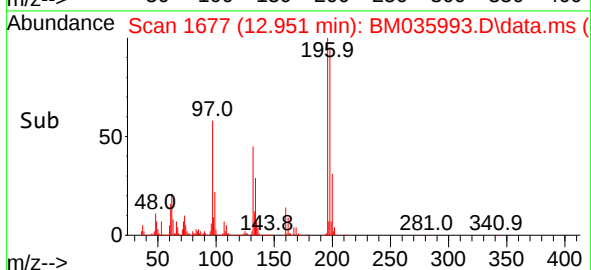
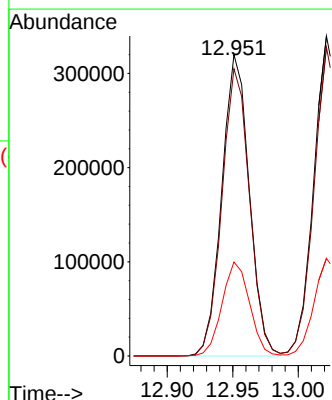
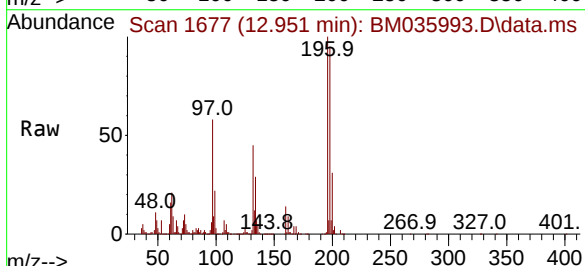
Tgt Ion:196 Resp: 466677

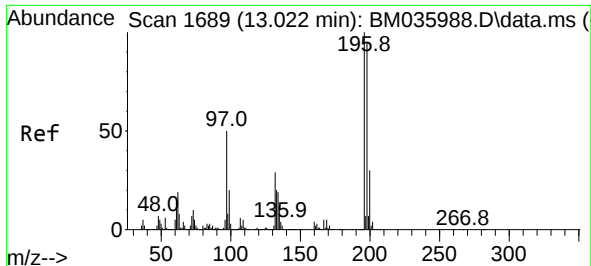
Ion Ratio Lower Upper

196 100

198 95.4 77.8 116.6

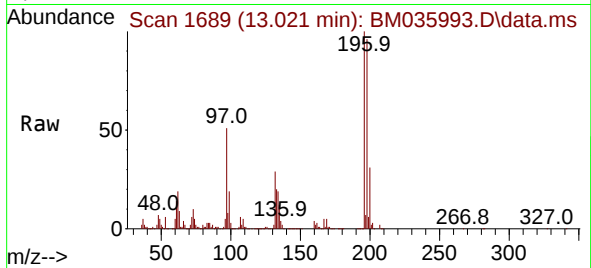
200 31.2 25.0 37.6



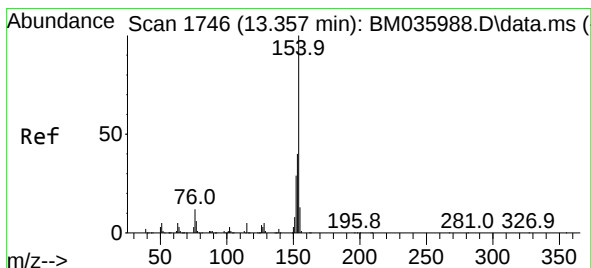
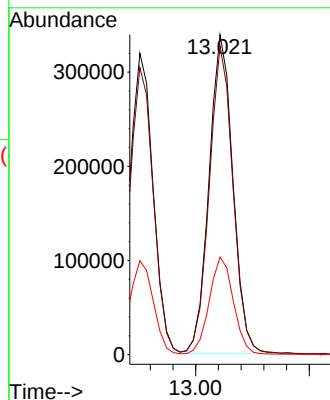
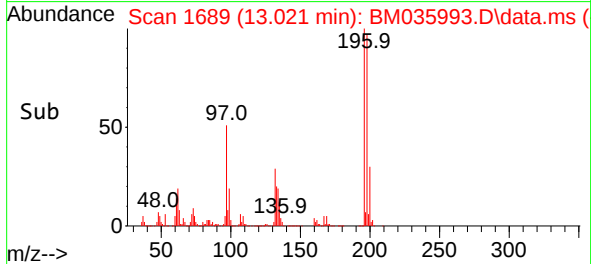


#42
2,4,5-Trichlorophenol
Concen: 35.803 ng/ul
RT: 13.021 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM035993.D
Acq: 29 Jul 2022 15:26

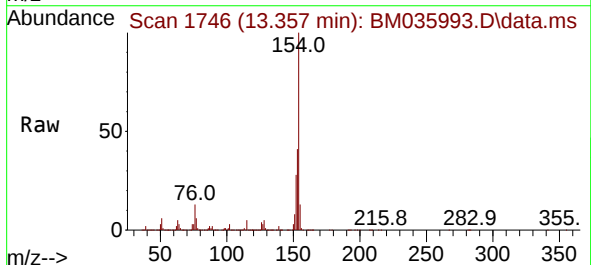
Instrument :
BNA_M
ClientSampleId :



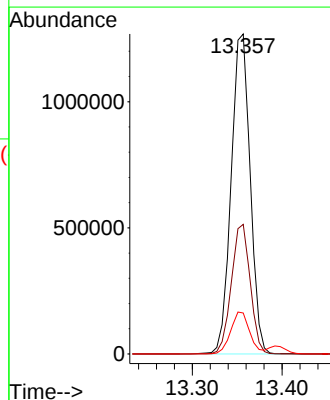
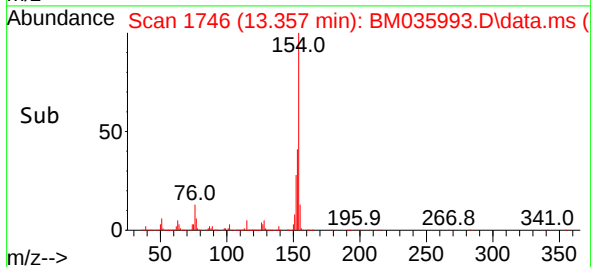
Tgt Ion:196 Resp: 492499
Ion Ratio Lower Upper
196 100
198 96.5 76.8 115.2
200 30.5 24.9 37.3

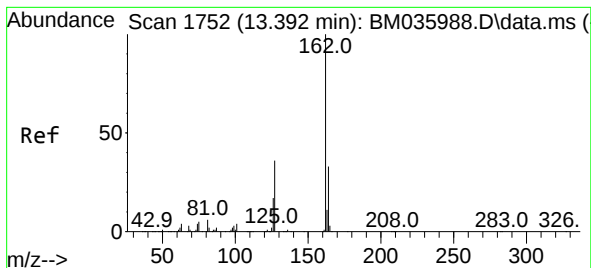


#43
1,1'-Biphenyl
Concen: 34.277 ng/ul
RT: 13.357 min Scan# 1746
Delta R.T. -0.000 min
Lab File: BM035993.D
Acq: 29 Jul 2022 15:26



Tgt Ion:154 Resp: 1867141
Ion Ratio Lower Upper
154 100
153 40.5 32.4 48.6
76 12.8 10.1 15.1





#44

2-Chloronaphthalene

Concen: 34.413 ng/ul

RT: 13.392 min Scan# 1

Delta R.T. -0.000 min

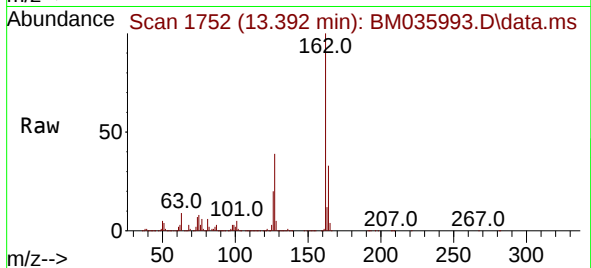
Lab File: BM035993.D

Acq: 29 Jul 2022 15:26

Instrument :

BNA_M

ClientSampleId :



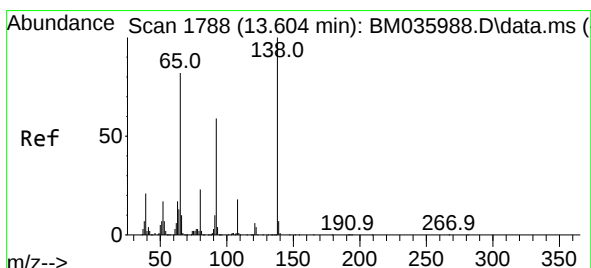
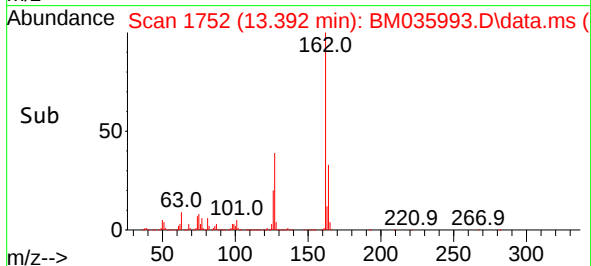
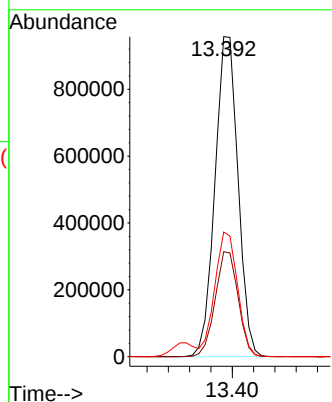
Tgt Ion:162 Resp: 1438626

Ion Ratio Lower Upper

162 100

164 32.8 25.4 38.0

127 38.9 31.6 47.4



#45

2-Nitroaniline

Concen: 33.605 ng/ul

RT: 13.604 min Scan# 1788

Delta R.T. -0.000 min

Lab File: BM035993.D

Acq: 29 Jul 2022 15:26

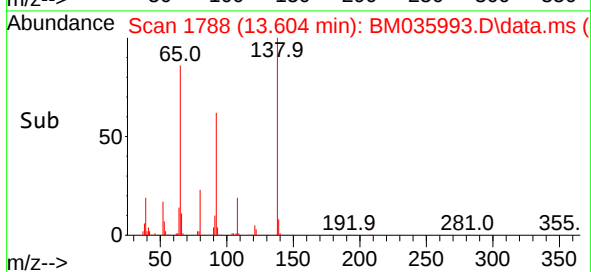
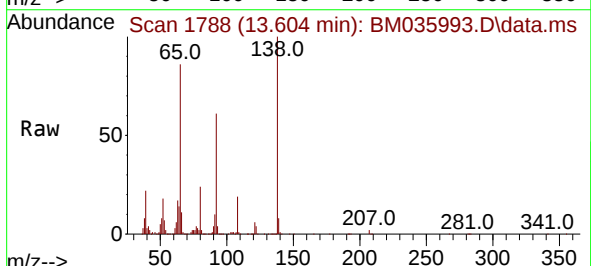
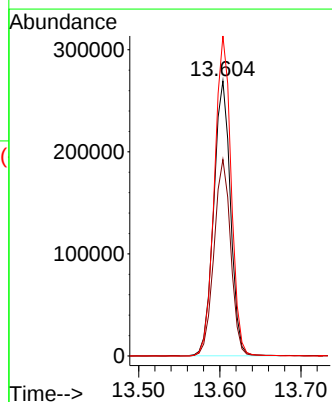
Tgt Ion: 65 Resp: 387299

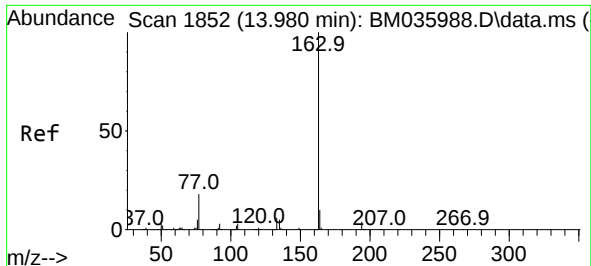
Ion Ratio Lower Upper

65 100

92 71.4 54.5 81.7

138 116.4 91.2 136.8





#47

Dimethylphthalate

Concen: 34.444 ng/ul

RT: 13.980 min Scan# 1852

Delta R.T. -0.000 min

Lab File: BM035993.D

Acq: 29 Jul 2022 15:26

Instrument :

BNA_M

ClientSampleId :

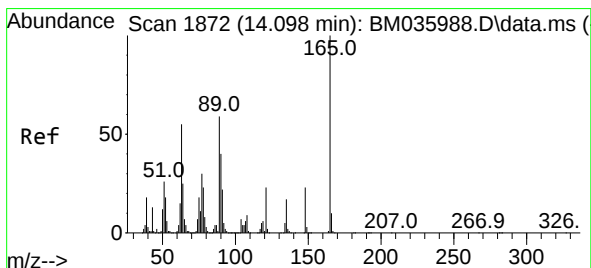
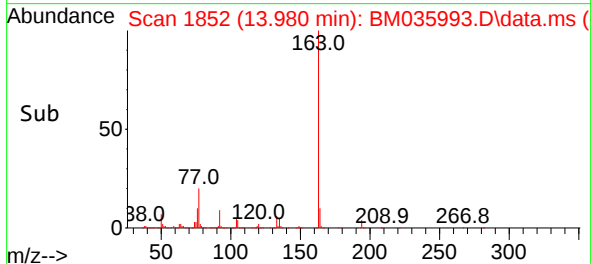
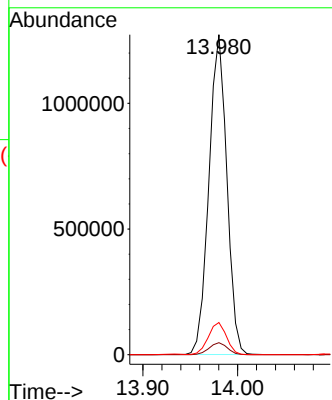
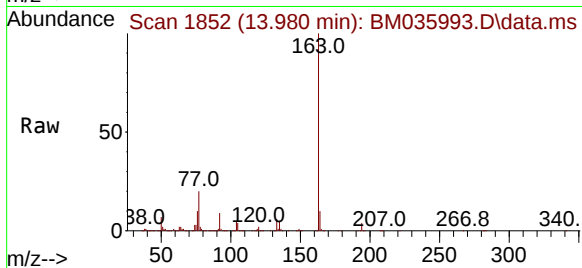
Tgt Ion:163 Resp: 1670212

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

164 10.0 7.9 11.9



#48

2,6-Dinitrotoluene

Concen: 35.145 ng/ul

RT: 14.098 min Scan# 1872

Delta R.T. -0.000 min

Lab File: BM035993.D

Acq: 29 Jul 2022 15:26

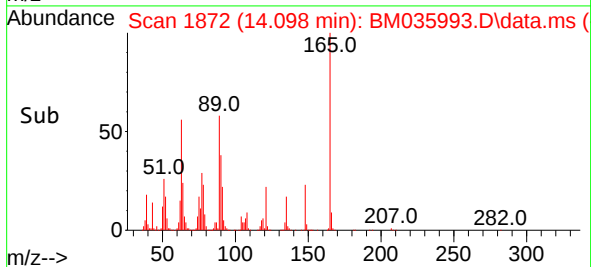
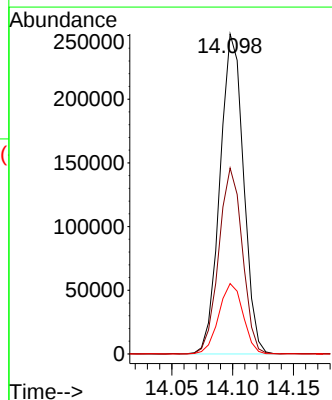
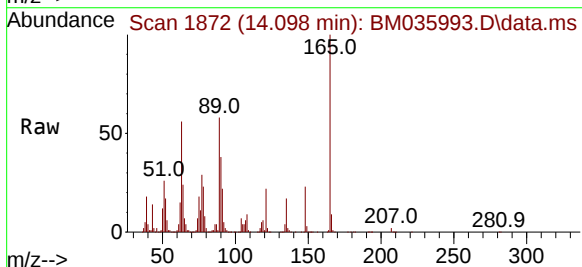
Tgt Ion:165 Resp: 338348

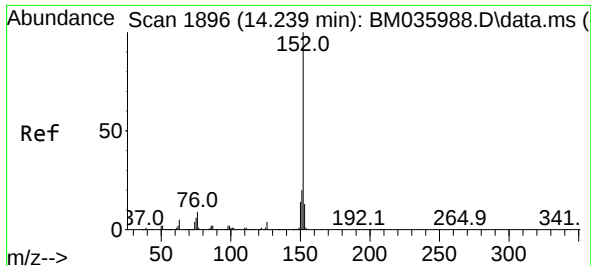
Ion Ratio Lower Upper

165 100

89 58.1 42.5 63.7

121 22.0 17.2 25.8

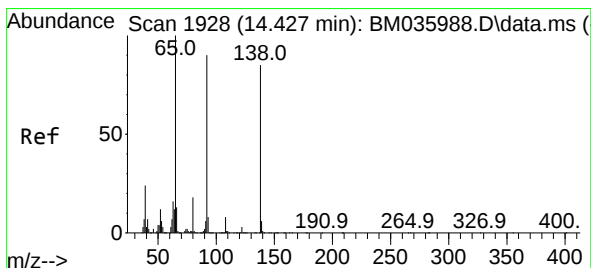
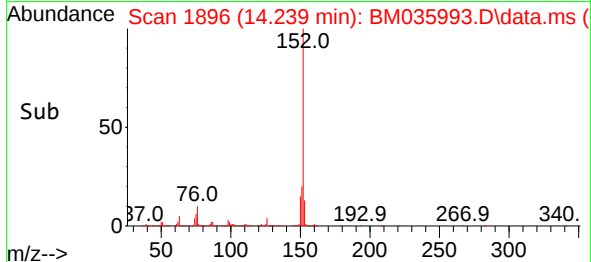
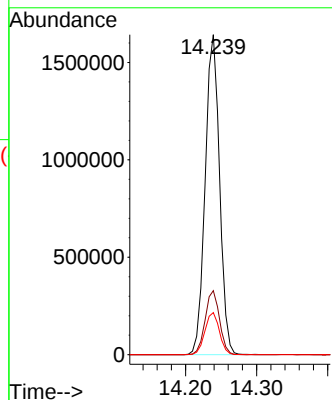
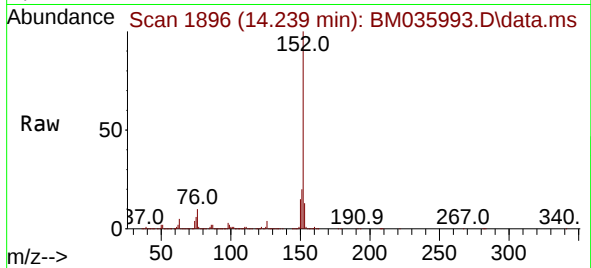




#50
Acenaphthylene
Concen: 34.014 ng/ul
RT: 14.239 min Scan# 1896
Delta R.T. -0.000 min
Lab File: BM035993.D
Acq: 29 Jul 2022 15:26

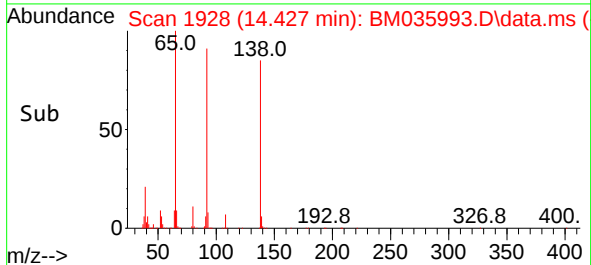
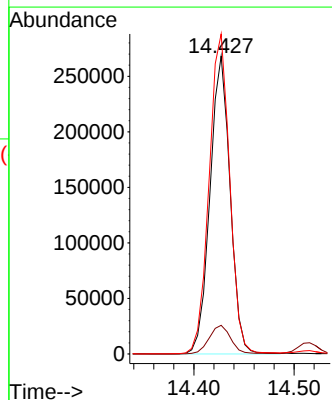
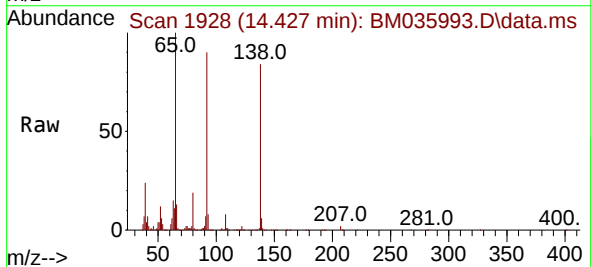
Instrument :
BNA_M
ClientSampleId :

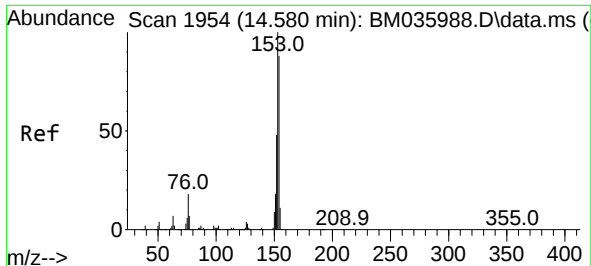
Tgt Ion:152 Resp: 2314346
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.2 10.6 15.8



#51
3-Nitroaniline
Concen: 35.223 ng/ul
RT: 14.427 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BM035993.D
Acq: 29 Jul 2022 15:26

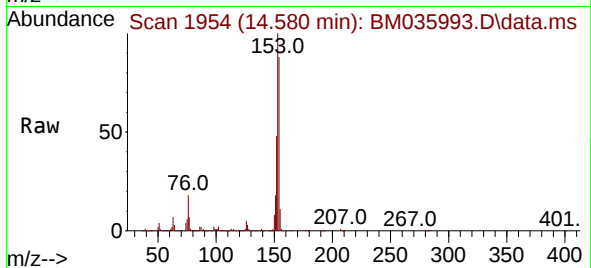
Tgt Ion:138 Resp: 374760
Ion Ratio Lower Upper
138 100
108 9.6 8.1 12.1
92 107.4 90.4 135.6



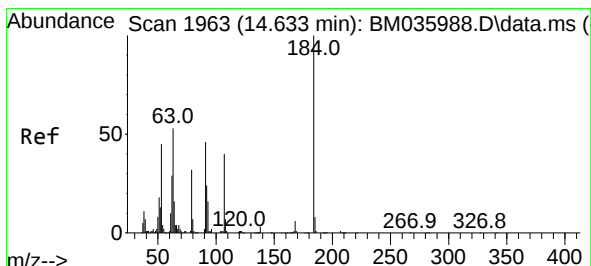
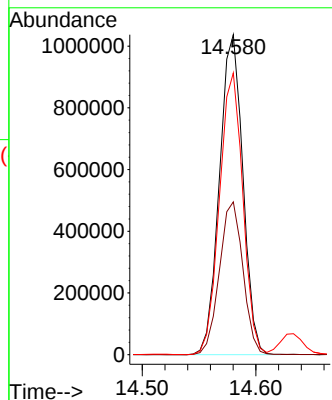
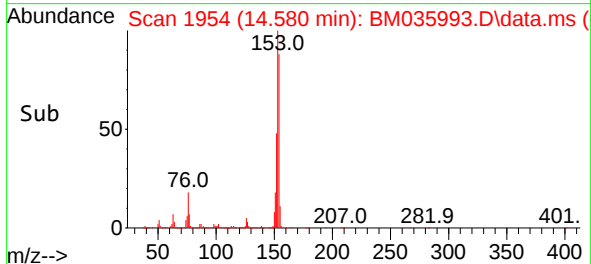


#52
Acenaphthene
Concen: 33.662 ng/ul
RT: 14.580 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BM035993.D
Acq: 29 Jul 2022 15:26

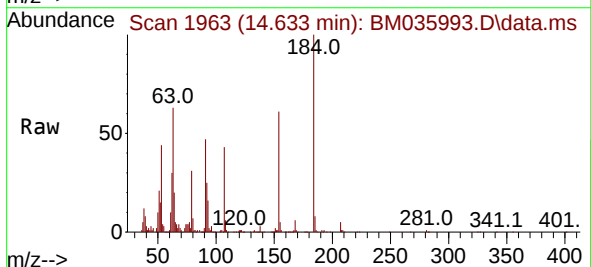
Instrument :
BNA_M
ClientSampleId :



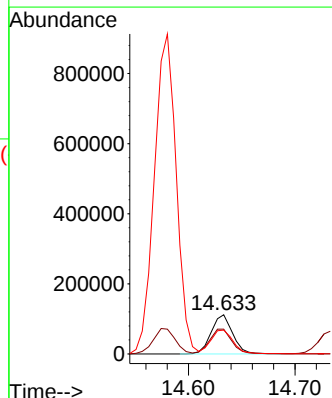
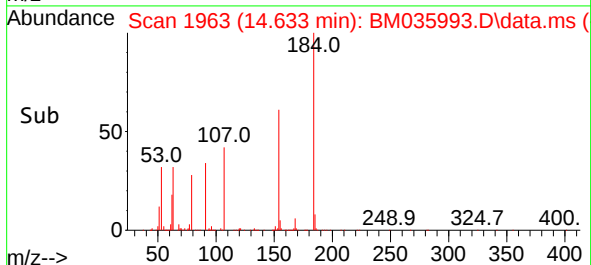
Tgt Ion:153 Resp: 1485887
Ion Ratio Lower Upper
153 100
152 47.7 37.1 55.7
154 88.0 71.3 106.9

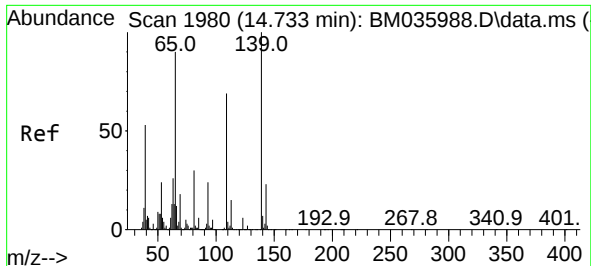


#53
2,4-Dinitrophenol
Concen: 28.527 ng/ul
RT: 14.633 min Scan# 1963
Delta R.T. -0.000 min
Lab File: BM035993.D
Acq: 29 Jul 2022 15:26



Tgt Ion:184 Resp: 155931
Ion Ratio Lower Upper
184 100
63 63.2 54.2 81.4
154 60.8 49.3 73.9

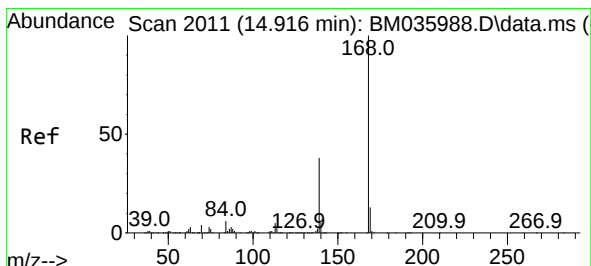
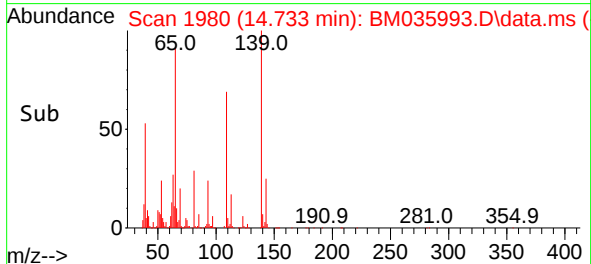
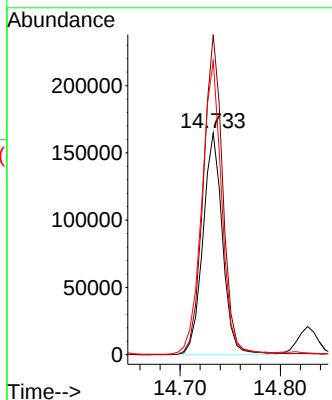
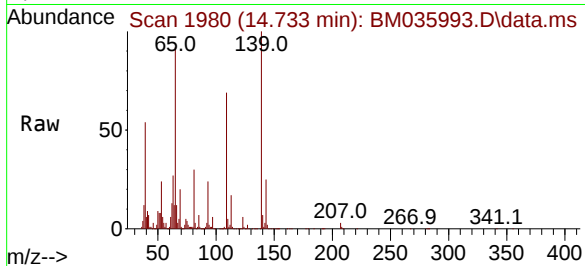




#55
4-Nitrophenol
Concen: 29.437 ng/ul
RT: 14.733 min Scan# 1980
Delta R.T. -0.000 min
Lab File: BM035993.D
Acq: 29 Jul 2022 15:26

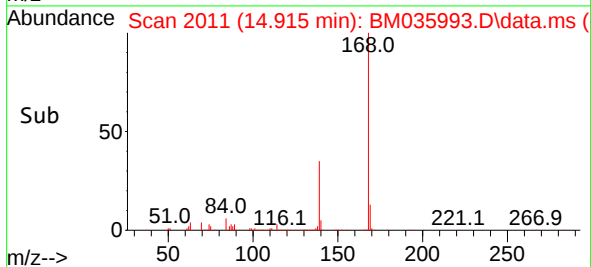
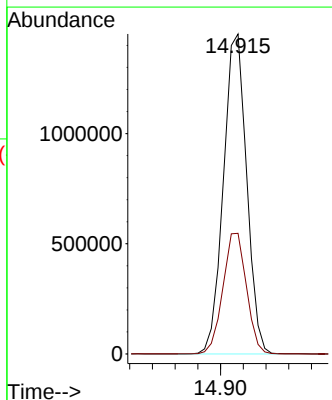
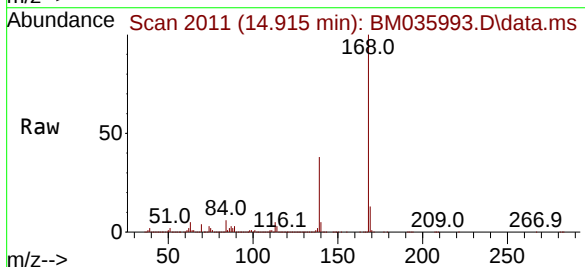
Instrument :
BNA_M
ClientSampleId :

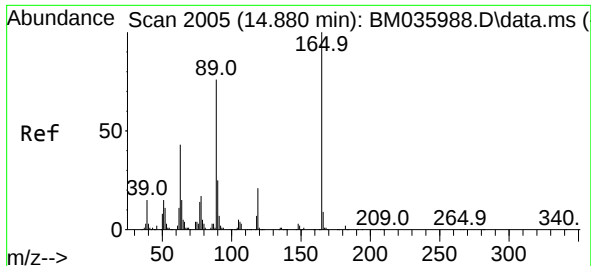
Tgt Ion:109 Resp: 222876
Ion Ratio Lower Upper
109 100
139 144.3 124.9 187.3
65 132.3 122.2 183.4



#56
Dibenzofuran
Concen: 33.768 ng/ul
RT: 14.915 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BM035993.D
Acq: 29 Jul 2022 15:26

Tgt Ion:168 Resp: 2062417
Ion Ratio Lower Upper
168 100
139 37.7 30.1 45.1





#57

2,4-Dinitrotoluene

Concen: 34.093 ng/ul

RT: 14.880 min Scan# 2005

Delta R.T. -0.000 min

Lab File: BM035993.D

Acq: 29 Jul 2022 15:26

Instrument :

BNA_M

ClientSampleId :

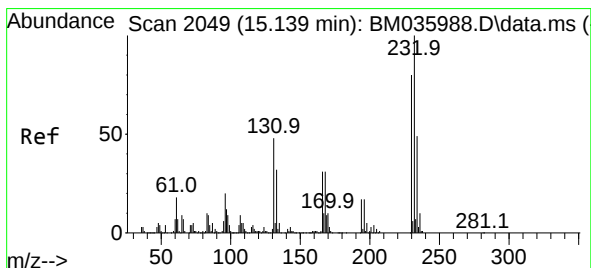
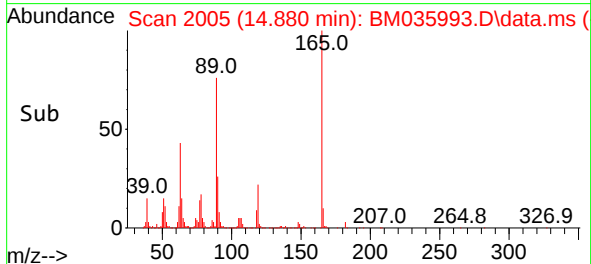
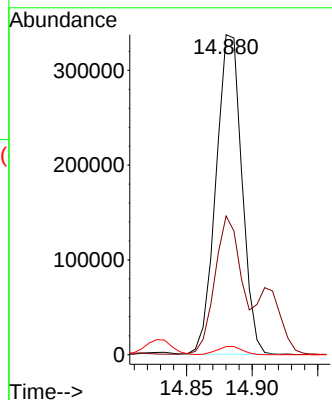
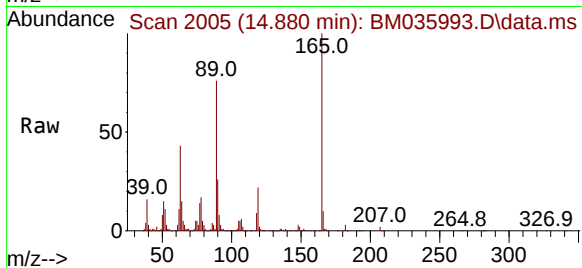
Tgt Ion:165 Resp: 462664

Ion Ratio Lower Upper

165 100

63 43.3 35.9 53.9

182 2.6 2.5 3.7



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.229 ng/ul

RT: 15.139 min Scan# 2049

Delta R.T. -0.000 min

Lab File: BM035993.D

Acq: 29 Jul 2022 15:26

Tgt Ion:232 Resp: 380749

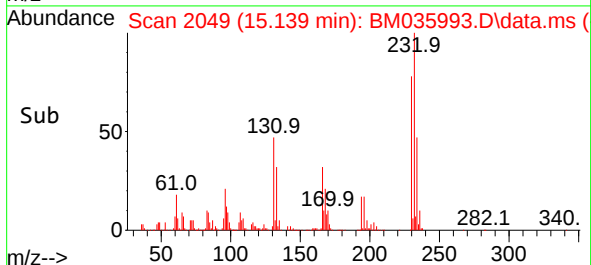
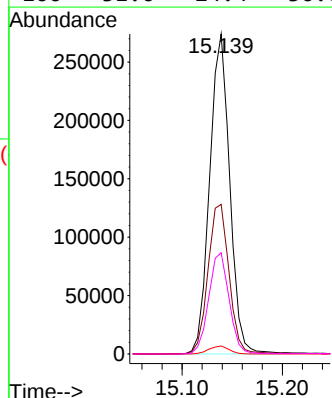
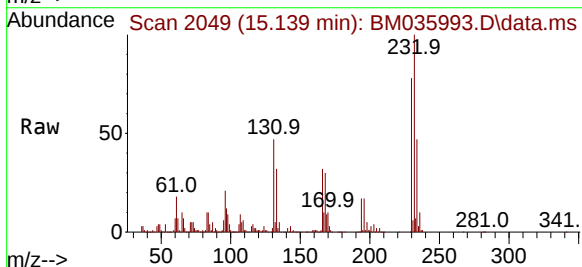
Ion Ratio Lower Upper

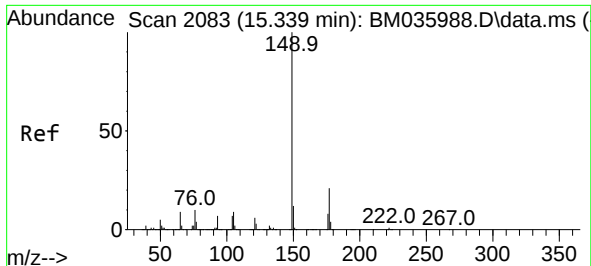
232 100

131 46.8 36.7 55.1

130 2.5 1.7 2.5

166 31.6 24.4 36.6

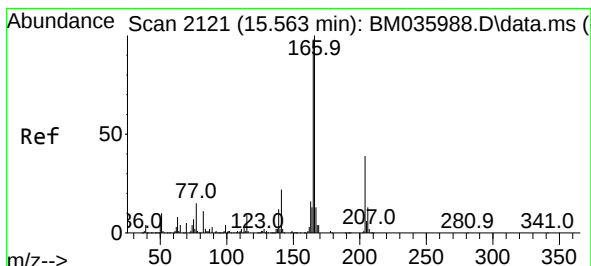
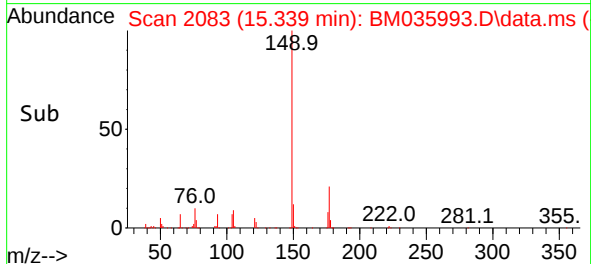
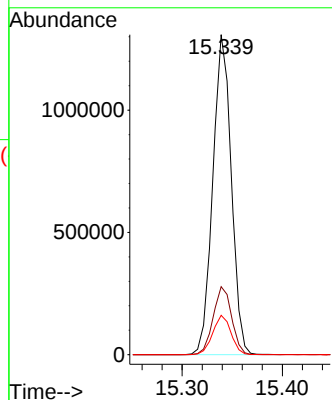
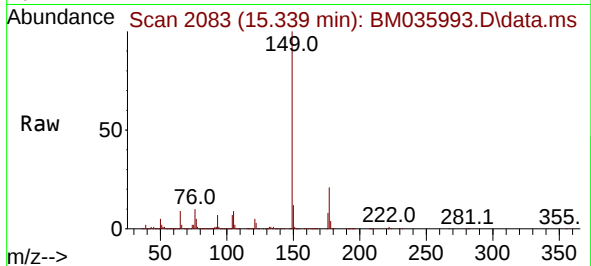




#59
Diethylphthalate
Concen: 34.132 ng/ul
RT: 15.339 min Scan# 2083
Delta R.T. -0.000 min
Lab File: BM035993.D
Acq: 29 Jul 2022 15:26

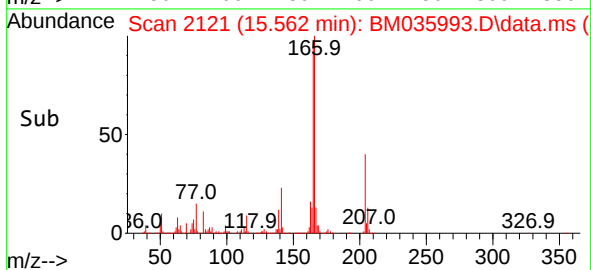
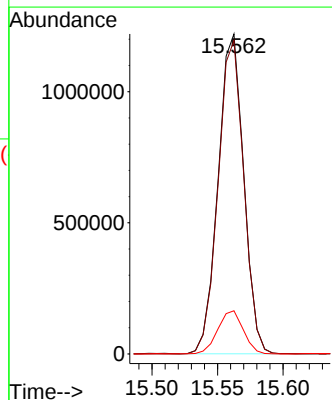
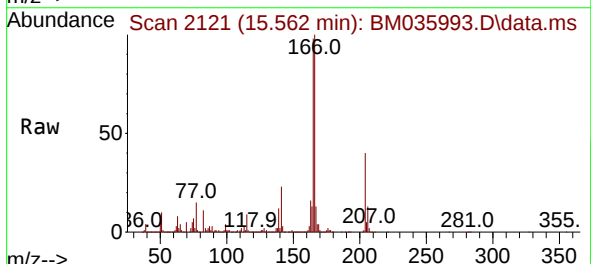
Instrument :
BNA_M
ClientSampleId :

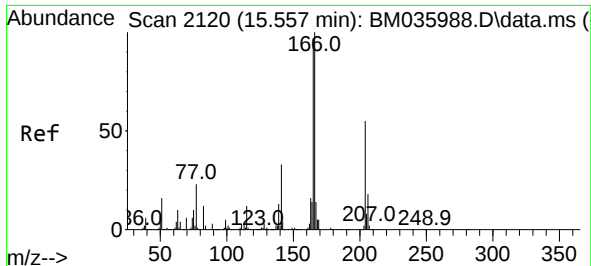
Tgt Ion:149 Resp: 1674098
Ion Ratio Lower Upper
149 100
177 21.2 16.8 25.2
150 12.3 10.2 15.4



#61
Fluorene
Concen: 33.152 ng/ul
RT: 15.562 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM035993.D
Acq: 29 Jul 2022 15:26

Tgt Ion:166 Resp: 1654021
Ion Ratio Lower Upper
166 100
165 97.9 77.2 115.8
167 13.5 11.0 16.4

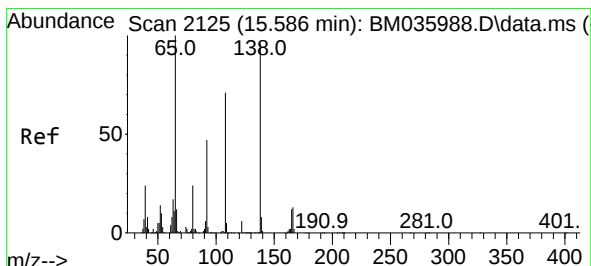
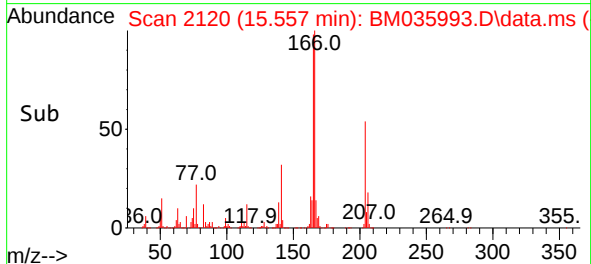
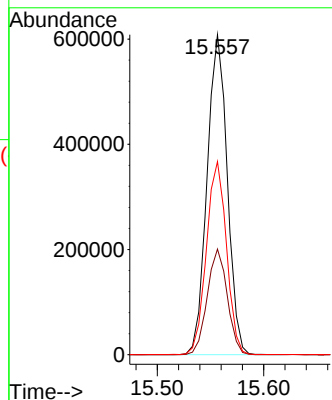
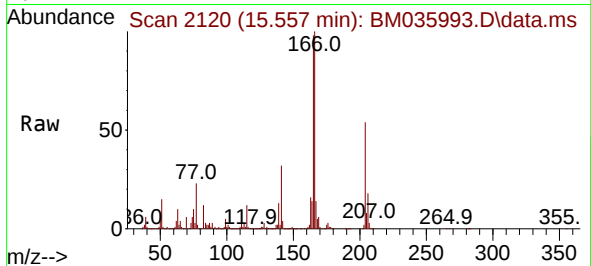




#62
4-Chlorophenyl-phenylether
Concen: 33.545 ng/ul
RT: 15.557 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BM035993.D
Acq: 29 Jul 2022 15:26

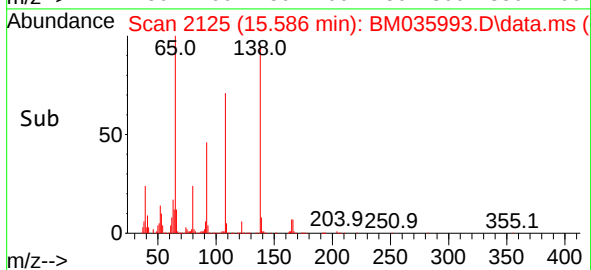
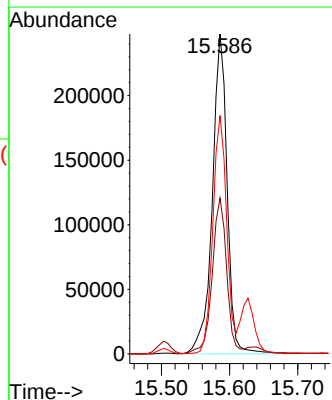
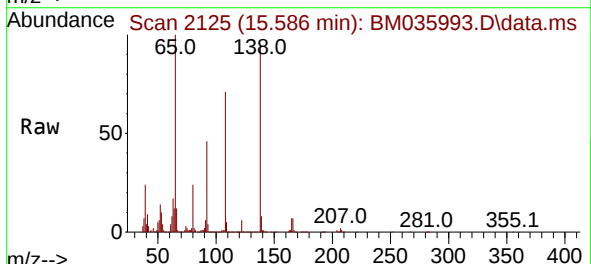
Instrument :
BNA_M
ClientSampleId :

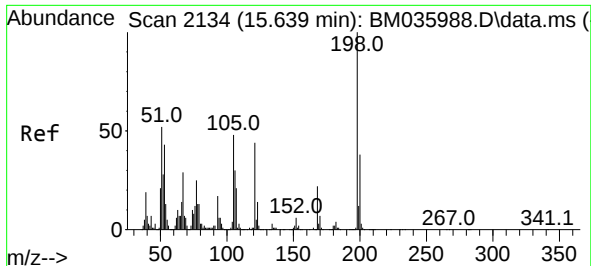
Tgt Ion:204 Resp: 801871
Ion Ratio Lower Upper
204 100
206 33.0 25.9 38.9
141 60.4 50.6 75.8



#63
4-Nitroaniline
Concen: 38.283 ng/ul
RT: 15.586 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BM035993.D
Acq: 29 Jul 2022 15:26

Tgt Ion:138 Resp: 374981
Ion Ratio Lower Upper
138 100
92 48.7 39.2 58.8
108 74.5 51.6 77.4

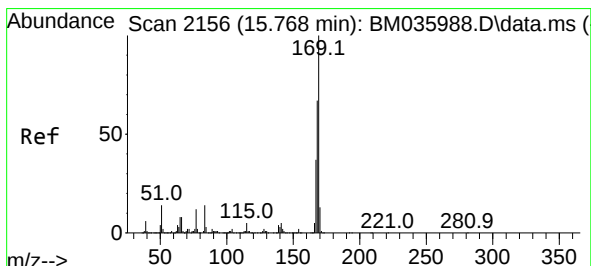
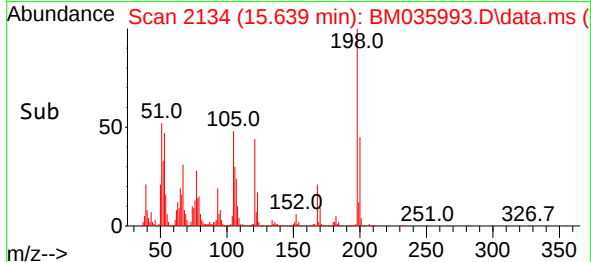
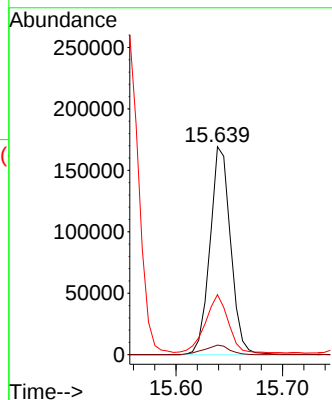
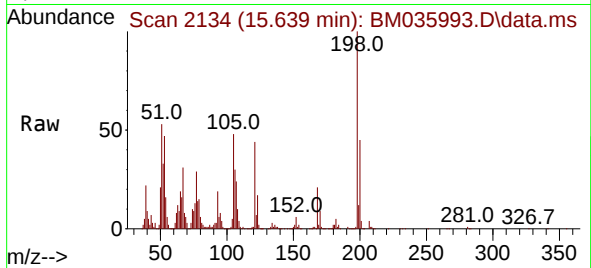




#66
 4,6-Dinitro-2-methylphenol
 Concen: 31.936 ng/ul
 RT: 15.639 min Scan# 2134
 Delta R.T. -0.000 min
 Lab File: BM035993.D
 Acq: 29 Jul 2022 15:26

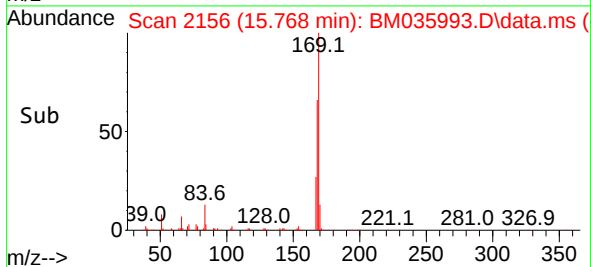
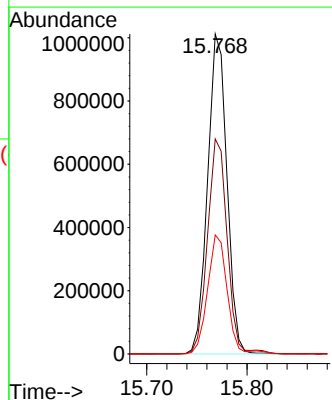
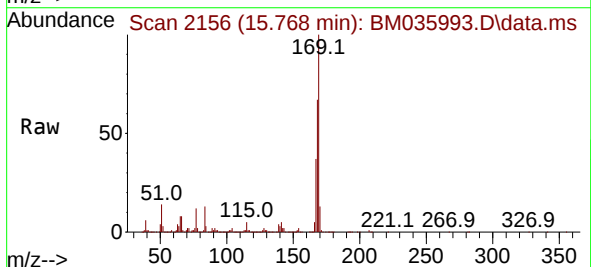
Instrument :
 BNA_M
 ClientSampleId :

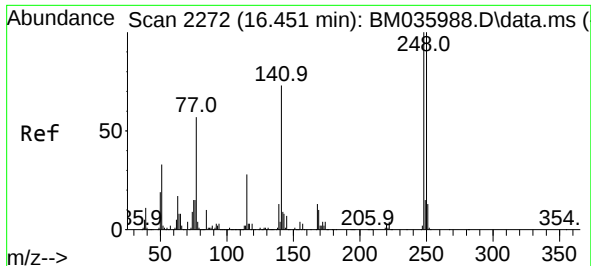
Tgt Ion:198 Resp: 227518
 Ion Ratio Lower Upper
 198 100
 182 4.6 4.2 6.4
 77 28.9 19.9 29.9



#67
 N-Nitrosodiphenylamine
 Concen: 34.797 ng/ul
 RT: 15.768 min Scan# 2156
 Delta R.T. -0.000 min
 Lab File: BM035993.D
 Acq: 29 Jul 2022 15:26

Tgt Ion:169 Resp: 1354981
 Ion Ratio Lower Upper
 169 100
 168 67.2 53.8 80.6
 167 37.2 28.7 43.1

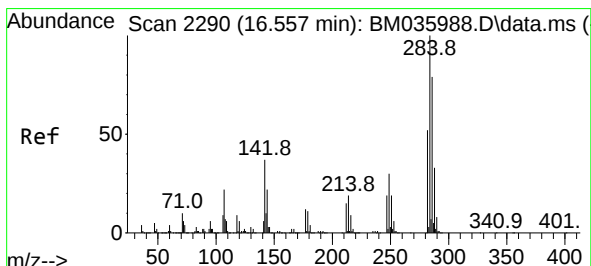
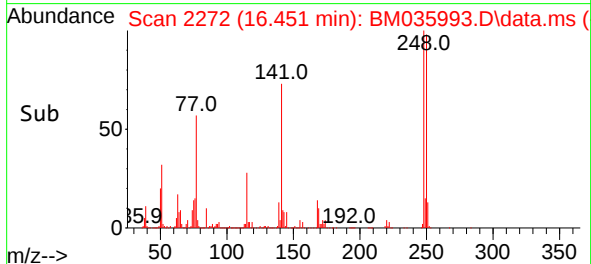
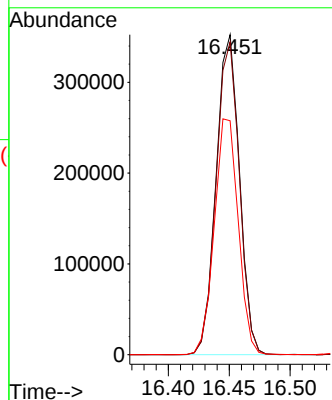
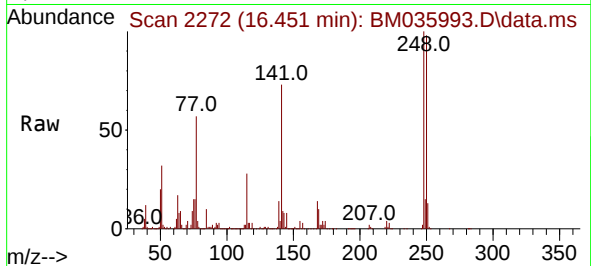




#68
4-Bromophenyl-phenylether
Concen: 36.272 ng/ul
RT: 16.451 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM035993.D
Acq: 29 Jul 2022 15:26

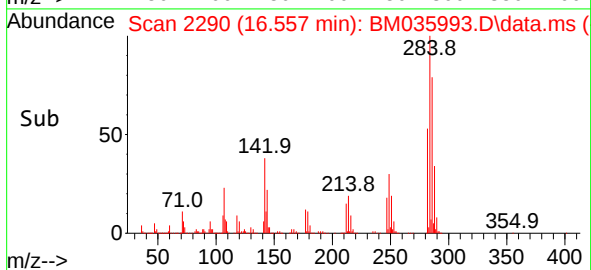
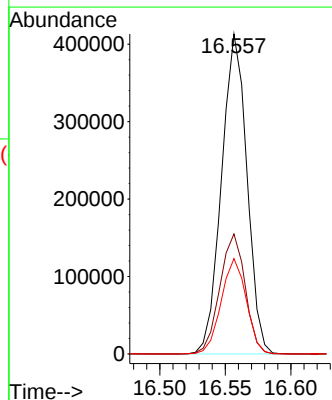
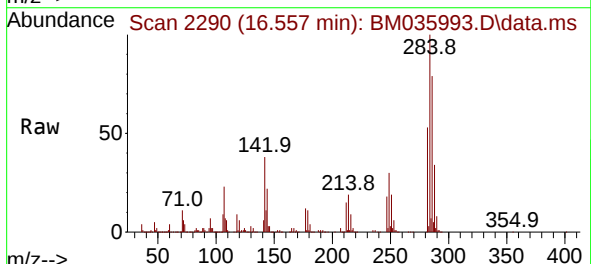
Instrument :
BNA_M
ClientSampleId :

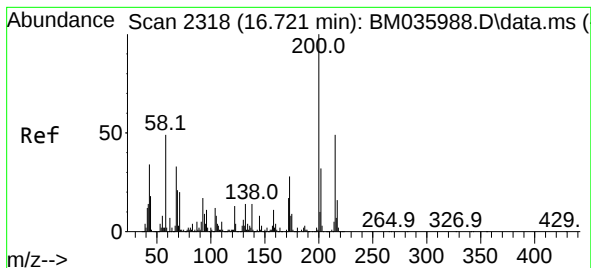
Tgt Ion:248 Resp: 470990
Ion Ratio Lower Upper
248 100
250 97.7 77.3 115.9
141 73.1 59.8 89.8



#69
Hexachlorobenzene
Concen: 35.178 ng/ul
RT: 16.557 min Scan# 2290
Delta R.T. -0.000 min
Lab File: BM035993.D
Acq: 29 Jul 2022 15:26

Tgt Ion:284 Resp: 556558
Ion Ratio Lower Upper
284 100
142 37.5 28.6 42.8
249 29.8 24.6 37.0





#70

Atrazine

Concen: 34.234 ng/ul

RT: 16.721 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM035993.D

Acq: 29 Jul 2022 15:26

Instrument :

BNA_M

ClientSampleId :

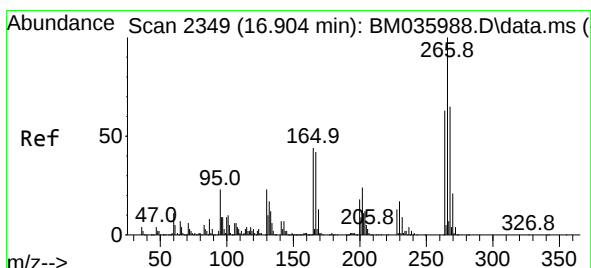
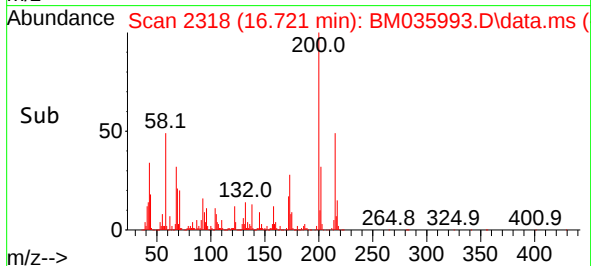
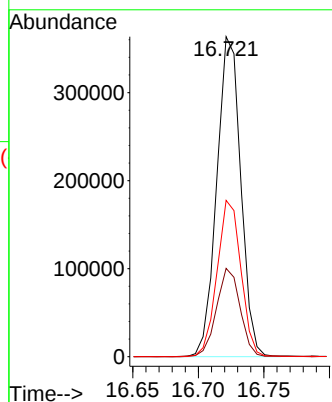
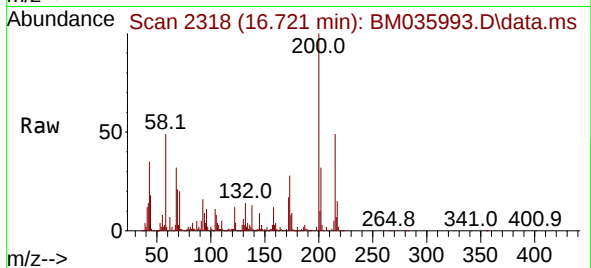
Tgt Ion:200 Resp: 462361

Ion Ratio Lower Upper

200 100

173 27.6 21.3 31.9

215 48.8 39.0 58.6



#71

Pentachlorophenol

Concen: 33.319 ng/ul

RT: 16.904 min Scan# 2349

Delta R.T. -0.000 min

Lab File: BM035993.D

Acq: 29 Jul 2022 15:26

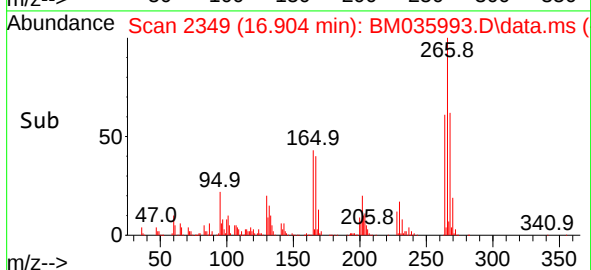
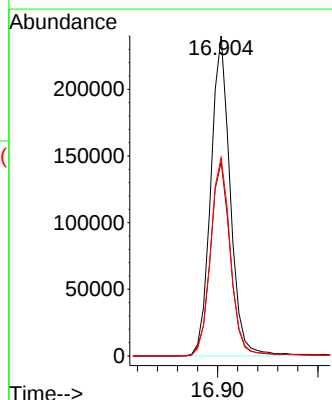
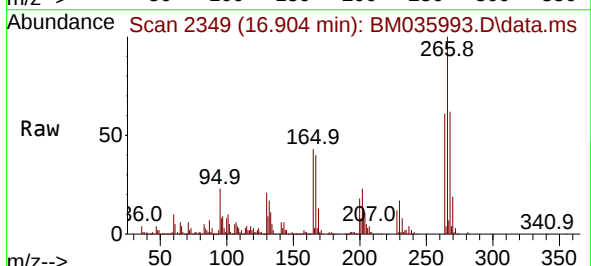
Tgt Ion:266 Resp: 322042

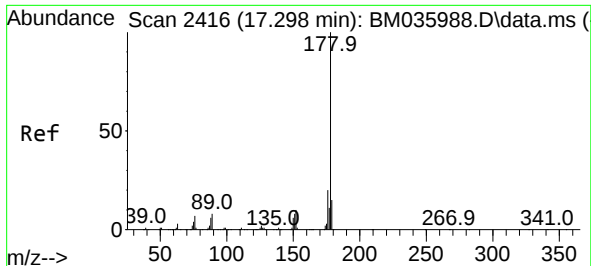
Ion Ratio Lower Upper

266 100

264 60.6 49.5 74.3

268 62.0 51.0 76.4

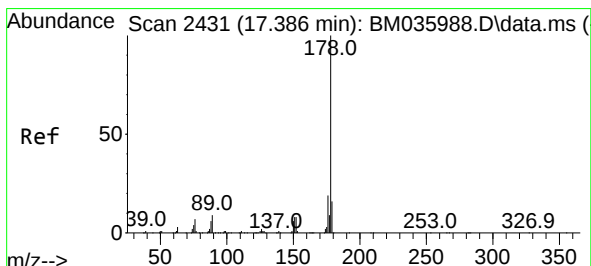
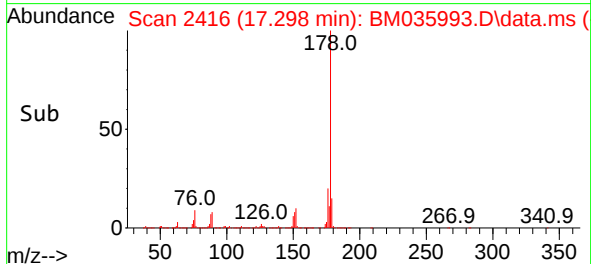
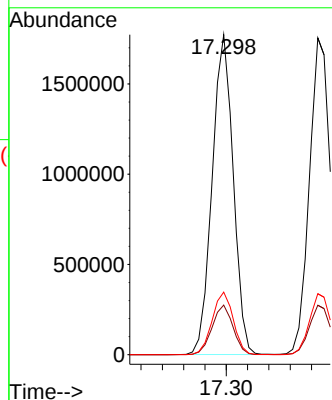
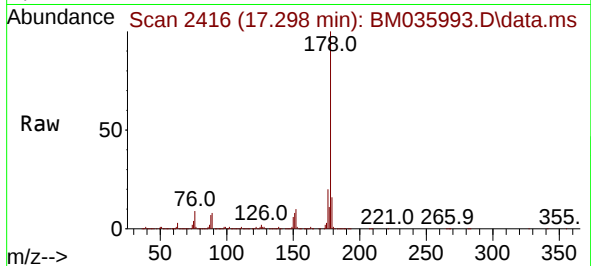




#72
Phenanthrene
Concen: 34.217 ng/ul
RT: 17.298 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BM035993.D
Acq: 29 Jul 2022 15:26

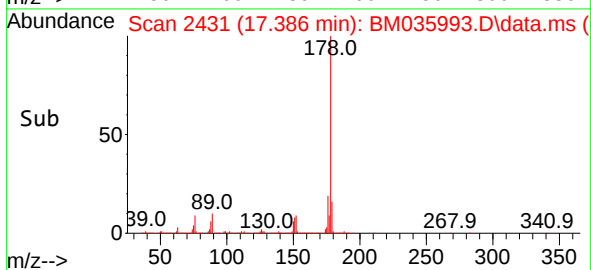
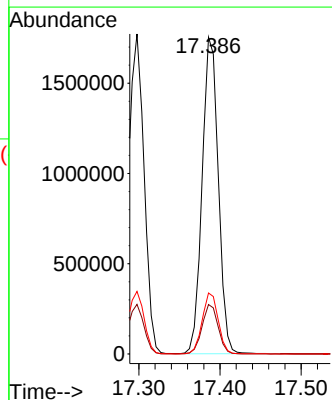
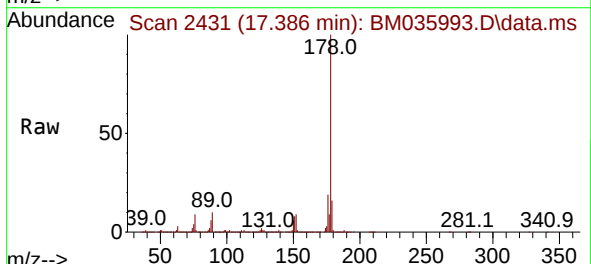
Instrument :
BNA_M
ClientSampleId :

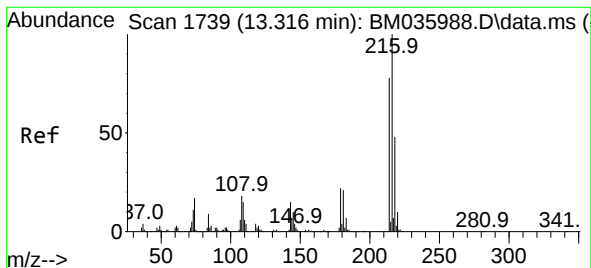
Tgt Ion:178 Resp: 2429061
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.2
176 19.6 14.9 22.3



#74
Anthracene
Concen: 33.995 ng/ul
RT: 17.386 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BM035993.D
Acq: 29 Jul 2022 15:26

Tgt Ion:178 Resp: 2421645
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.2
176 19.2 14.4 21.6

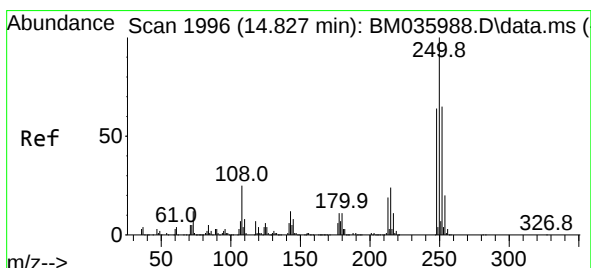
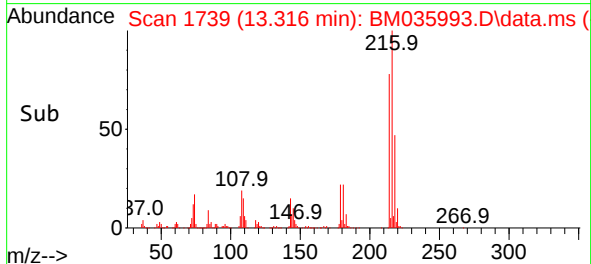
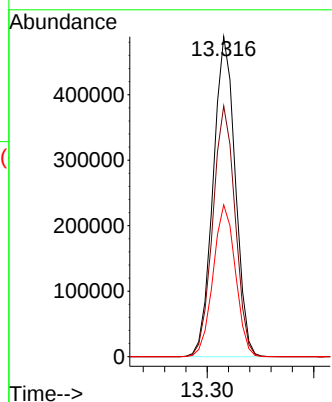
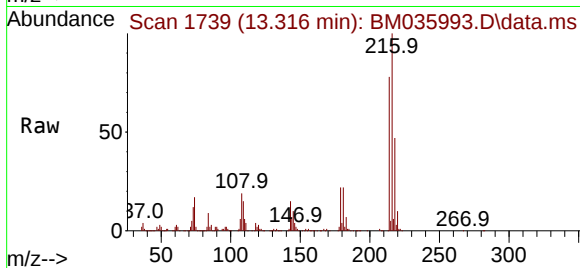




#75
1,2,3,4-Tetrachlorobenzene
Concen: 34.327 ng/uL
RT: 13.316 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM035993.D
Acq: 29 Jul 2022 15:26

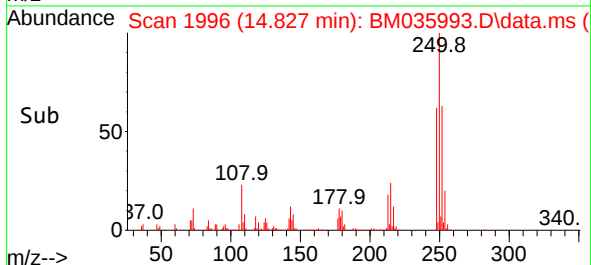
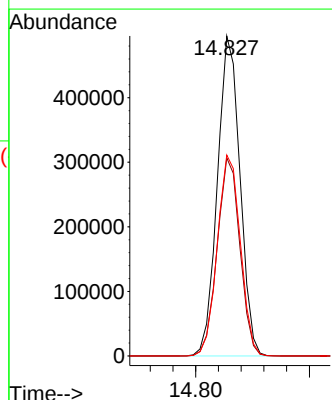
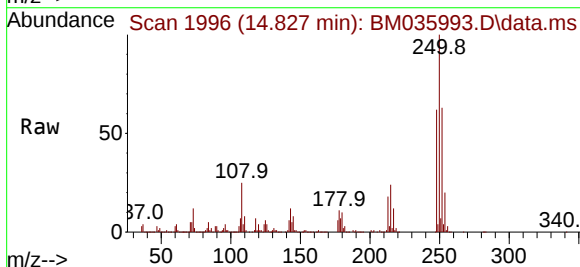
Instrument :
BNA_M
ClientSampleId :

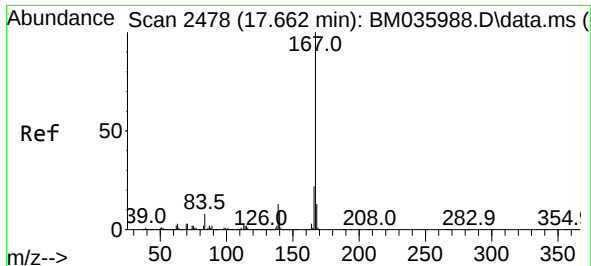
Tgt Ion:216 Resp: 707052
Ion Ratio Lower Upper
216 100
214 78.4 60.9 91.3
218 47.5 37.5 56.3



#76
Pentachlorobenzene
Concen: 36.674 ng/uL
RT: 14.827 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BM035993.D
Acq: 29 Jul 2022 15:26

Tgt Ion:250 Resp: 684745
Ion Ratio Lower Upper
250 100
248 61.9 50.4 75.6
252 62.8 51.1 76.7



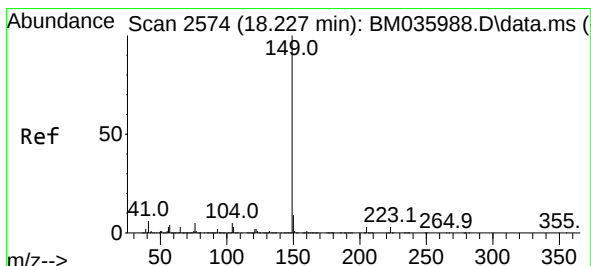
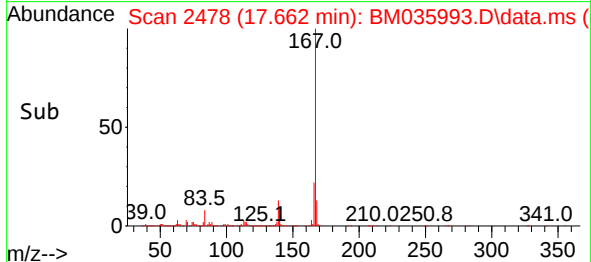
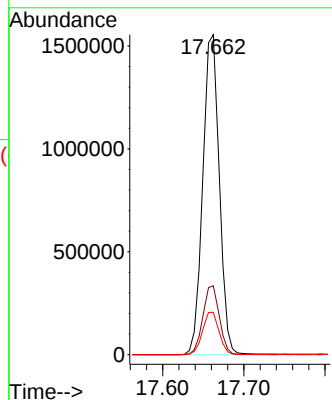
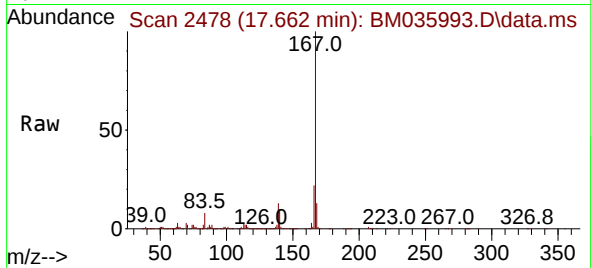


#77
 Carbazole
 Concen: 33.423 ng/ul
 RT: 17.662 min Scan# 2478
 Delta R.T. -0.000 min
 Lab File: BM035993.D
 Acq: 29 Jul 2022 15:26

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:167 Resp: 2198986

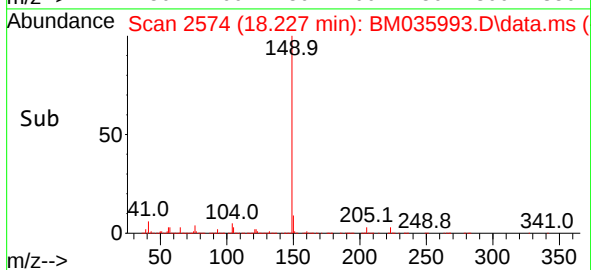
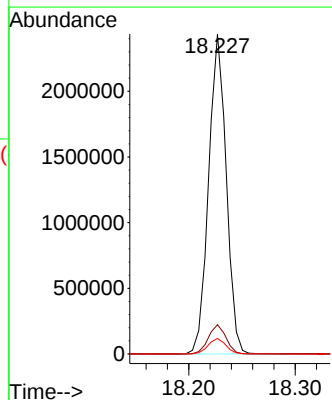
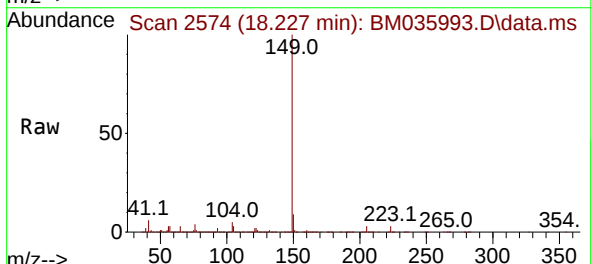
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.4	26.0
139	13.3	10.1	15.1

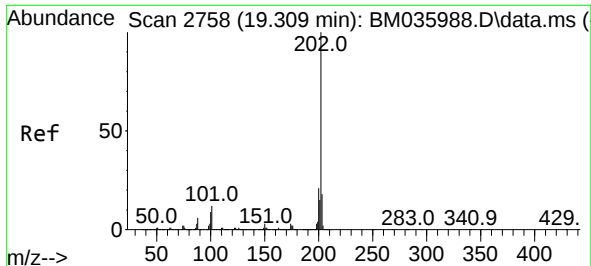


#78
 Di-n-butylphthalate
 Concen: 37.658 ng/ul
 RT: 18.227 min Scan# 2574
 Delta R.T. -0.000 min
 Lab File: BM035993.D
 Acq: 29 Jul 2022 15:26

Tgt Ion:149 Resp: 2795397

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	4.9	3.7	5.5

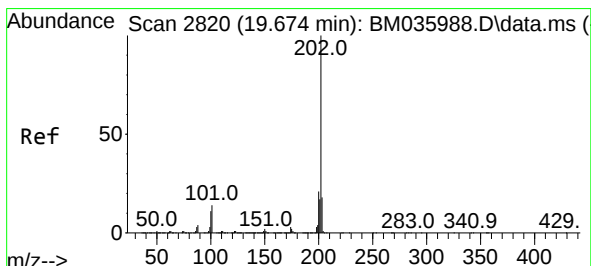
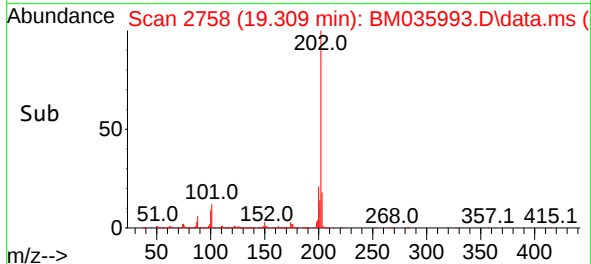
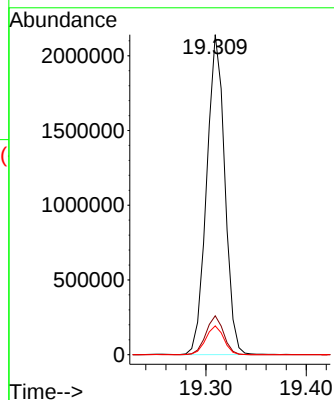
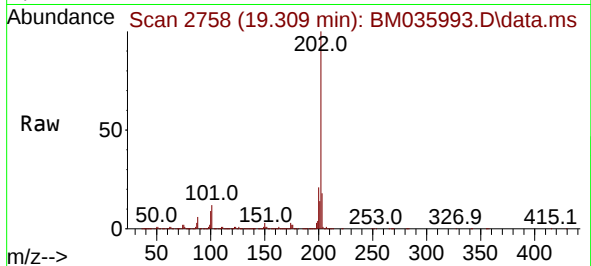




#80
Fluoranthene
Concen: 35.003 ng/u1
RT: 19.309 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM035993.D
Acq: 29 Jul 2022 15:26

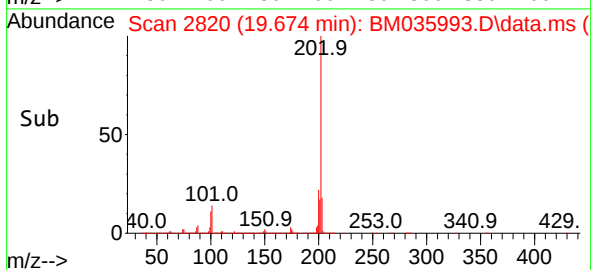
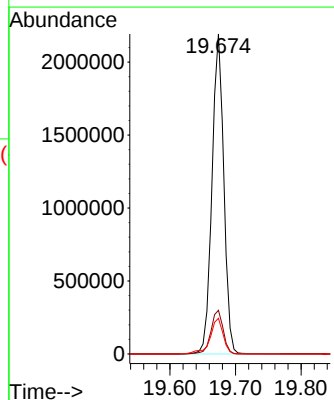
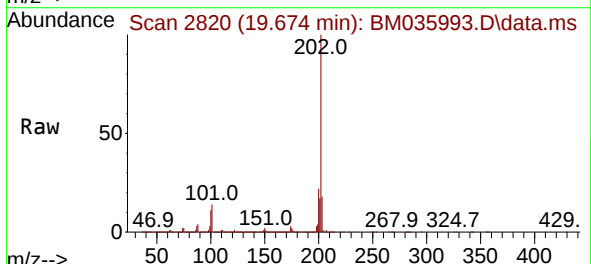
Instrument :
BNA_M
ClientSampleId :

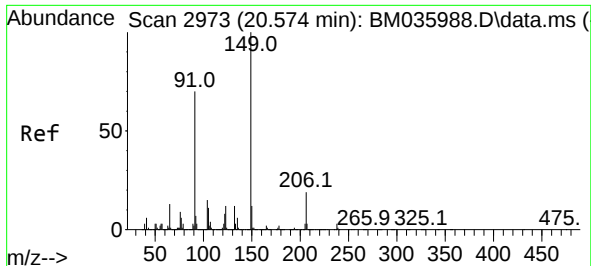
Tgt Ion:202 Resp: 2684224
Ion Ratio Lower Upper
202 100
101 12.1 10.1 15.1
100 9.0 7.8 11.6



#82
Pyrene
Concen: 34.658 ng/u1
RT: 19.674 min Scan# 2820
Delta R.T. -0.000 min
Lab File: BM035993.D
Acq: 29 Jul 2022 15:26

Tgt Ion:202 Resp: 2739482
Ion Ratio Lower Upper
202 100
101 13.6 11.9 17.9
100 11.1 10.2 15.4

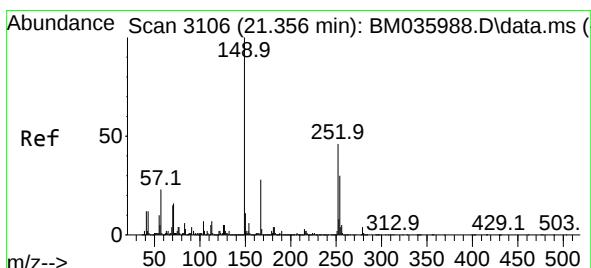
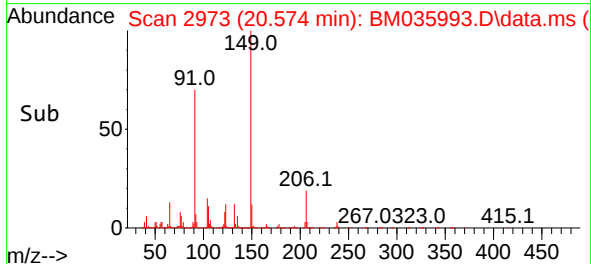
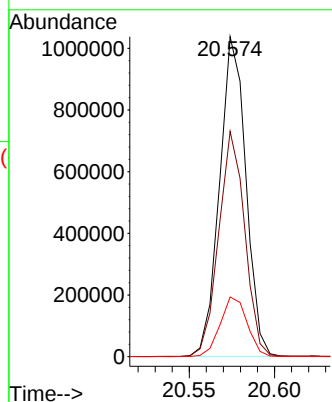
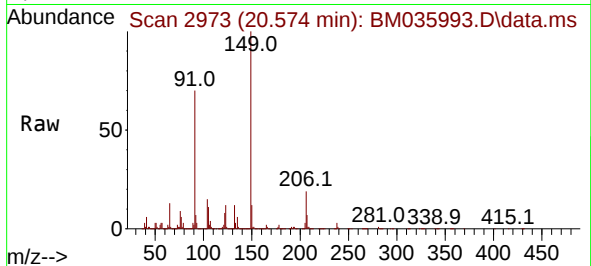




#83
Butylbenzylphthalate
Concen: 38.755 ng/ul
RT: 20.574 min Scan# 2973
Delta R.T. -0.000 min
Lab File: BM035993.D
Acq: 29 Jul 2022 15:26

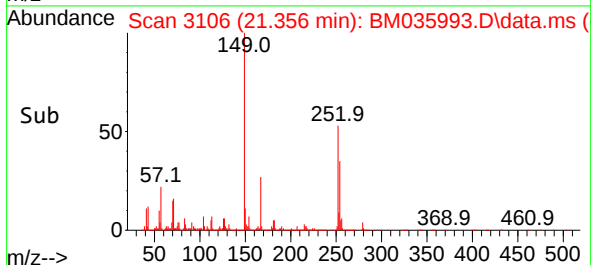
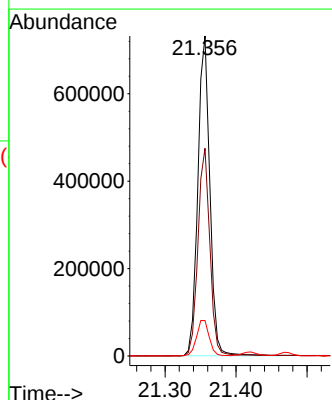
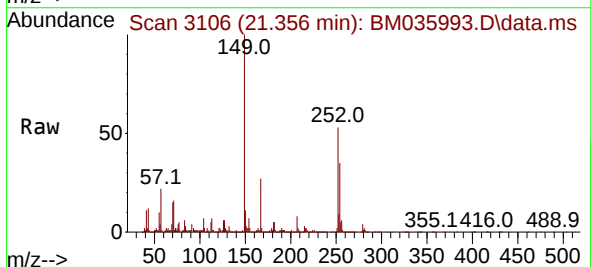
Instrument :
BNA_M
ClientSampleId :

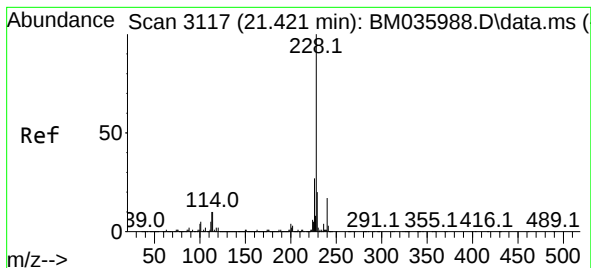
Tgt Ion:149 Resp: 1114114
Ion Ratio Lower Upper
149 100
91 70.4 53.2 79.8
206 18.6 16.0 24.0



#84
3,3'-Dichlorobenzidine
Concen: 40.419 ng/ul
RT: 21.356 min Scan# 3106
Delta R.T. -0.000 min
Lab File: BM035993.D
Acq: 29 Jul 2022 15:26

Tgt Ion:252 Resp: 863794
Ion Ratio Lower Upper
252 100
254 64.9 52.4 78.6
126 11.0 10.8 16.2





#85

Benzo(a)anthracene

Concen: 34.823 ng/ul

RT: 21.421 min Scan# 3117

Delta R.T. -0.000 min

Lab File: BM035993.D

Acq: 29 Jul 2022 15:26

Instrument :

BNA_M

ClientSampleId :

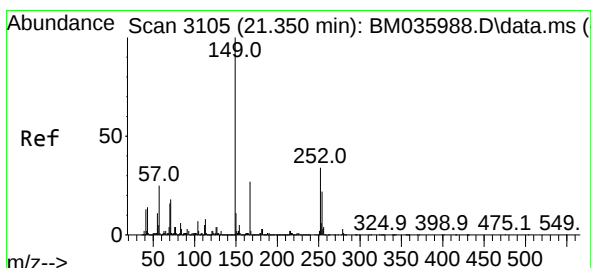
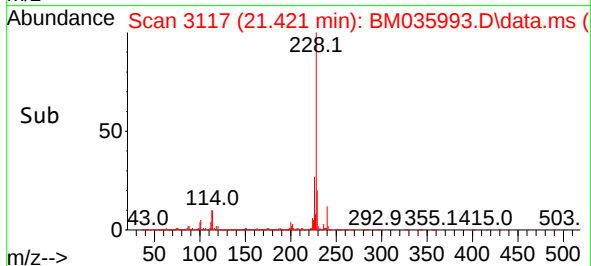
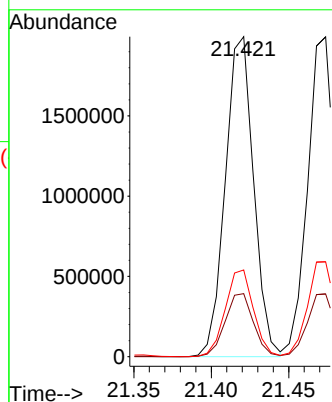
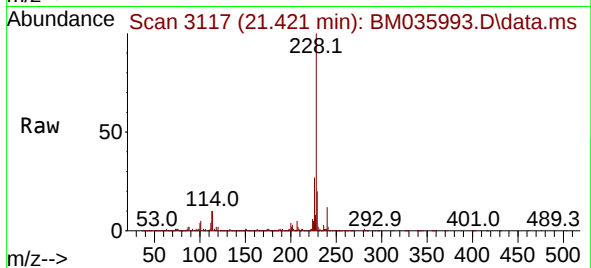
Tgt Ion:228 Resp: 2538365

Ion Ratio Lower Upper

228 100

229 19.7 15.6 23.4

226 27.1 21.7 32.5



#86

Bis(2-ethylhexyl)phthalate

Concen: 40.474 ng/ul

RT: 21.350 min Scan# 3105

Delta R.T. -0.000 min

Lab File: BM035993.D

Acq: 29 Jul 2022 15:26

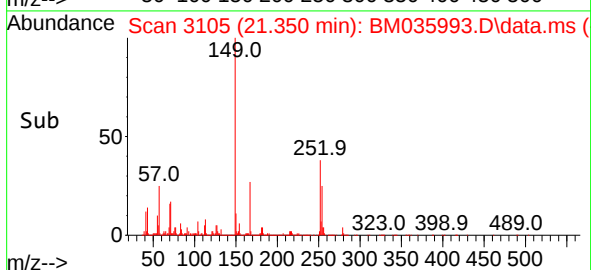
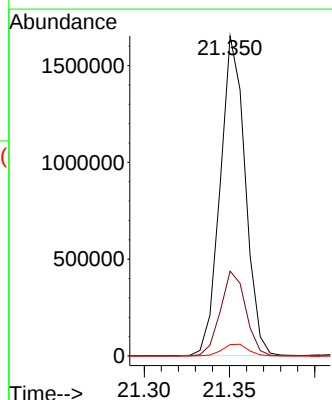
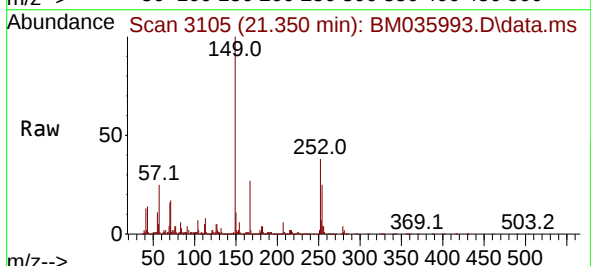
Tgt Ion:149 Resp: 1681234

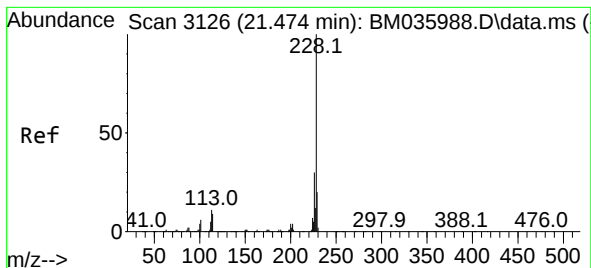
Ion Ratio Lower Upper

149 100

167 26.5 21.5 32.3

279 3.5 3.4 5.2





#87

Chrysene

Concen: 34.720 ng/ul

RT: 21.474 min Scan# 3126

Delta R.T. -0.000 min

Lab File: BM035993.D

Acq: 29 Jul 2022 15:26

Instrument :

BNA_M

ClientSampleId :

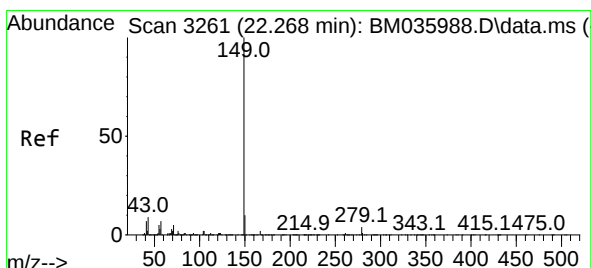
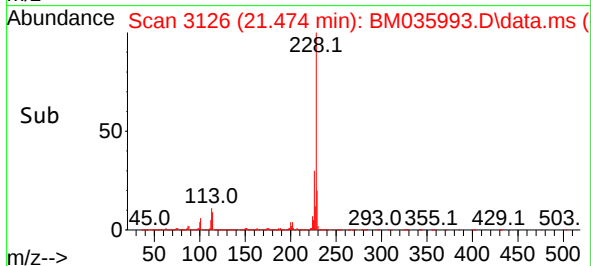
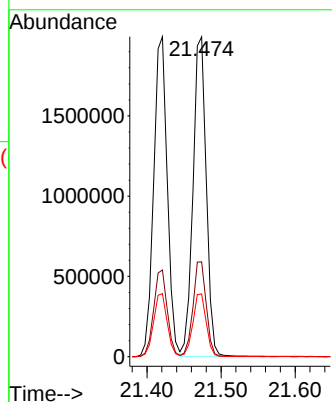
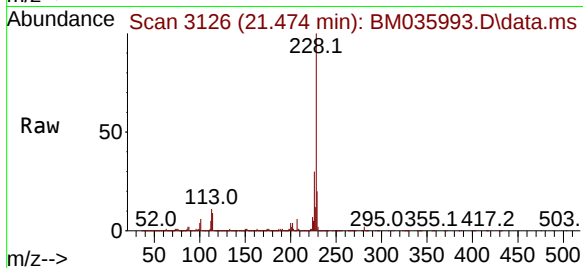
Tgt Ion:228 Resp: 2469368

Ion Ratio Lower Upper

228 100

226 29.7 23.7 35.5

229 19.6 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 36.185 ng/ul

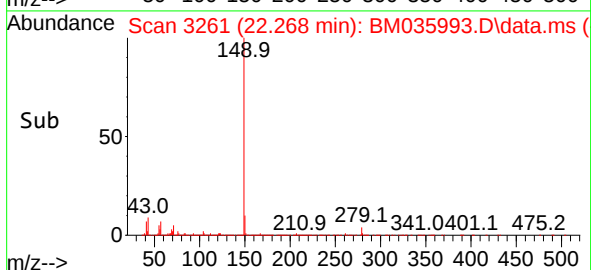
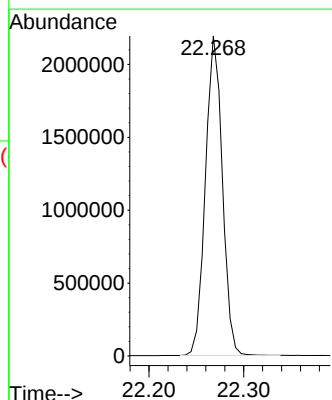
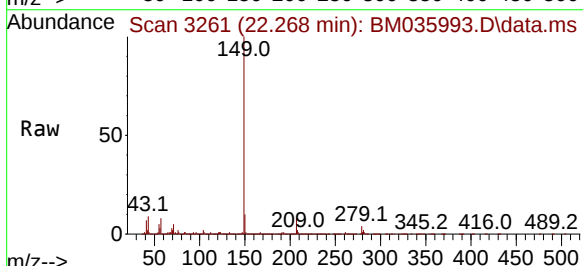
RT: 22.268 min Scan# 3261

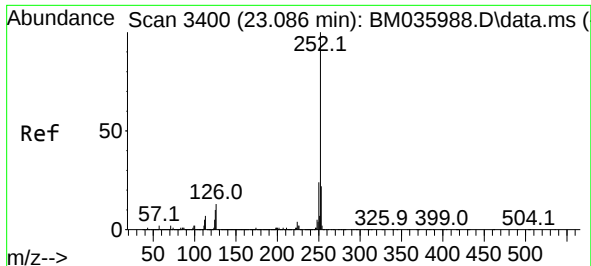
Delta R.T. -0.000 min

Lab File: BM035993.D

Acq: 29 Jul 2022 15:26

Tgt Ion:149 Resp: 2712756

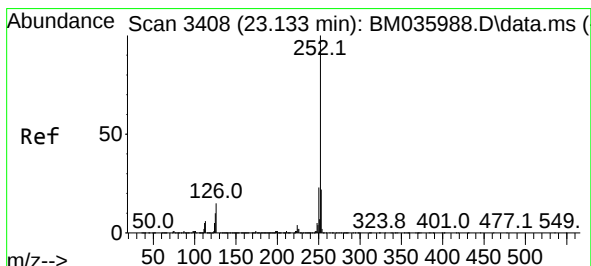
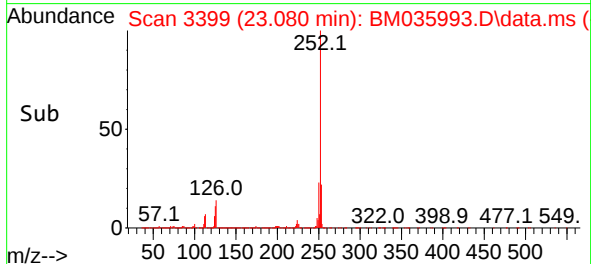
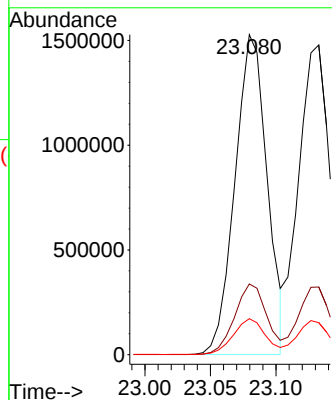
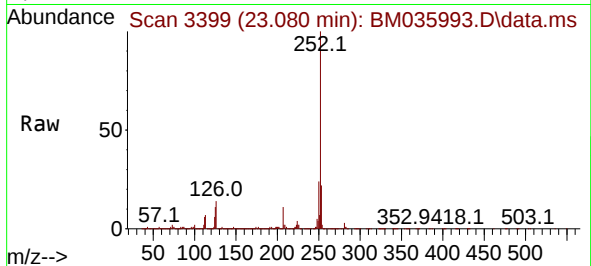




#90
Benzo(b)fluoranthene
Concen: 33.594 ng/ul
RT: 23.080 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM035993.D
Acq: 29 Jul 2022 15:26

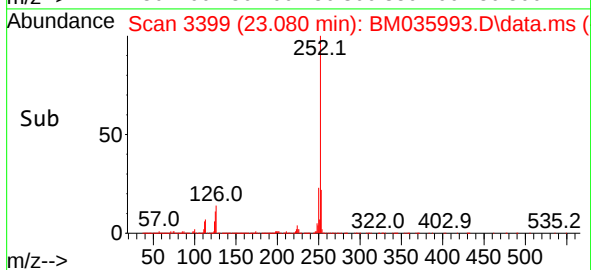
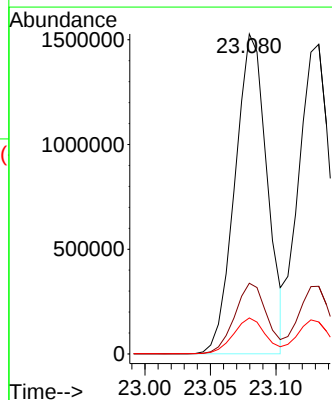
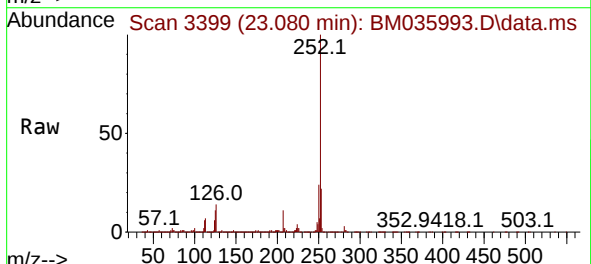
Instrument :
BNA_M
ClientSampleId :

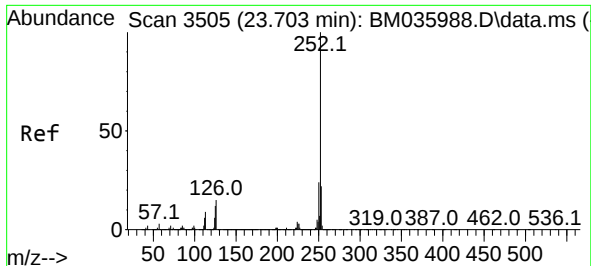
Tgt Ion:252 Resp: 2602769
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 11.3 10.7 16.1



#91
Benzo(k)fluoranthene
Concen: 35.401 ng/ul
RT: 23.080 min Scan# 3399
Delta R.T. -0.053 min
Lab File: BM035993.D
Acq: 29 Jul 2022 15:26

Tgt Ion:252 Resp: 2602769
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 11.3 10.6 15.8

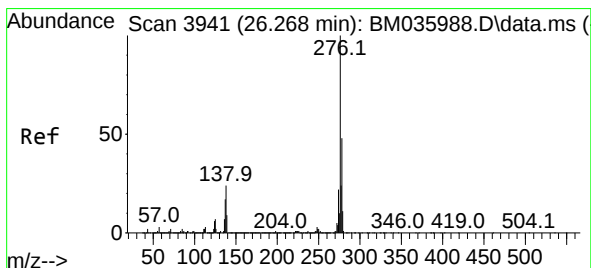
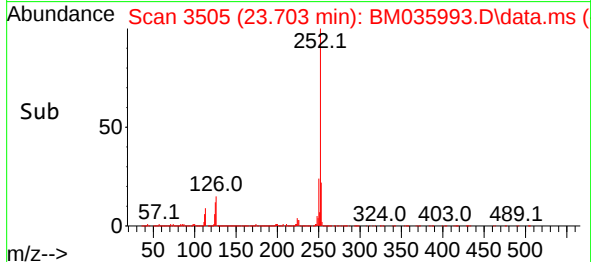
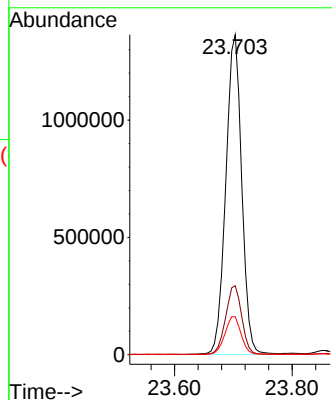
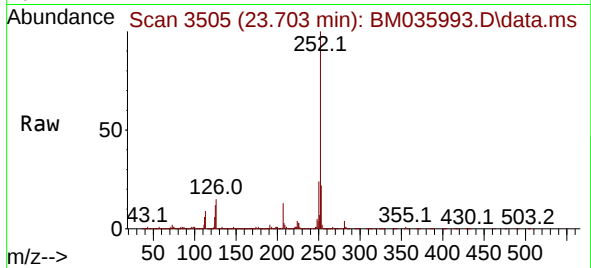




#93
Benzo(a)pyrene
Concen: 34.701 ng/ul
RT: 23.703 min Scan# 3505
Delta R.T. -0.000 min
Lab File: BM035993.D
Acq: 29 Jul 2022 15:26

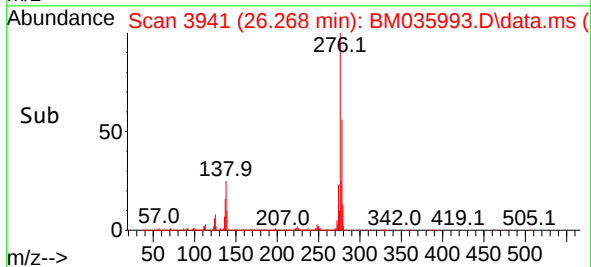
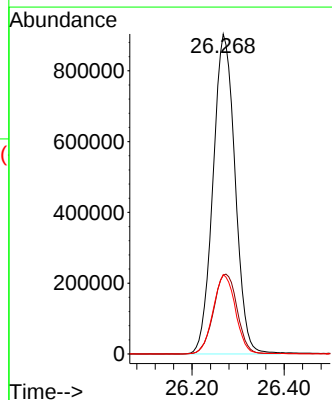
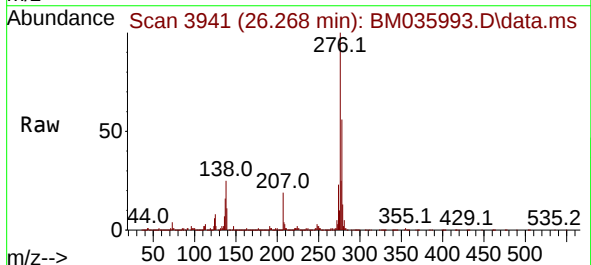
Instrument :
BNA_M
ClientSampleId :

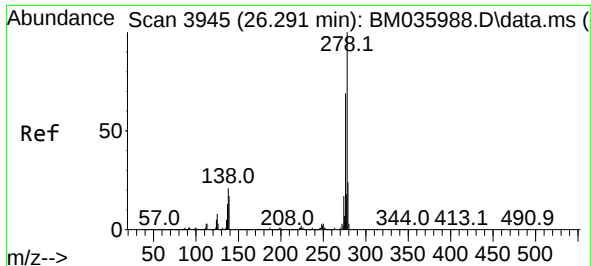
Tgt Ion:252 Resp: 2560816
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 11.8 11.8 17.8



#94
Indeno(1,2,3-cd)pyrene
Concen: 38.147 ng/ul
RT: 26.268 min Scan# 3941
Delta R.T. -0.000 min
Lab File: BM035993.D
Acq: 29 Jul 2022 15:26

Tgt Ion:276 Resp: 3000625
Ion Ratio Lower Upper
276 100
138 24.6 25.6 38.4#
277 24.8 20.1 30.1

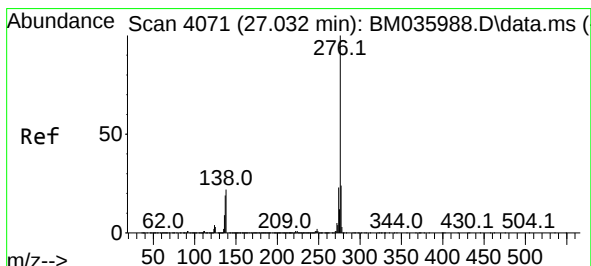
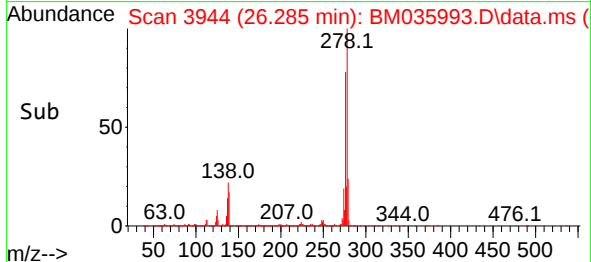
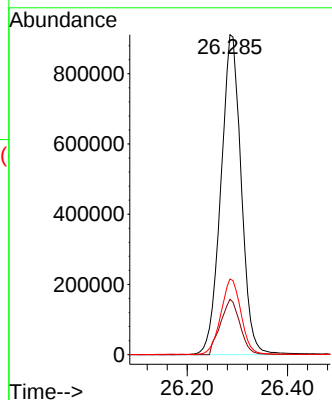
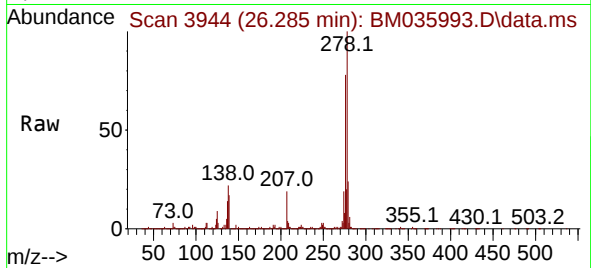




#95
Dibenzo(a,h)anthracene
Concen: 37.995 ng/ul
RT: 26.285 min Scan# 3945
Delta R.T. -0.006 min
Lab File: BM035993.D
Acq: 29 Jul 2022 15:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 2564098
Ion Ratio Lower Upper
278 100
139 17.3 16.2 24.2
279 23.7 18.7 28.1



#96
Benzo(g,h,i)perylene
Concen: 38.929 ng/ul
RT: 27.026 min Scan# 4070
Delta R.T. -0.006 min
Lab File: BM035993.D
Acq: 29 Jul 2022 15:26

Tgt Ion:276 Resp: 2537552
Ion Ratio Lower Upper
276 100
138 23.3 21.3 31.9
277 24.3 18.6 28.0

