

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072922\
 Data File : BM035994.D
 Acq On : 29 Jul 2022 16:03
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 30 00:23:53 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	377444	20.000	ng/u1	0.00
20) Naphthalene-d8	10.686	136	1599952	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.516	164	949743	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.257	188	1907428	20.000	ng/u1	0.00
79) Chrysene-d12	21.433	240	1779252	20.000	ng/u1	0.00
88) Perylene-d12	23.803	264	1813969	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	80737	8.049	ng/uL	0.00
4) Pyridine-d5	3.693	84	515221	18.749	ng/u1	0.00
7) Phenol-d5	7.045	99	612337	19.346	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	401842	19.044	ng/u1	0.00
11) 2-Chlorophenol-d4	7.410	132	544636	20.730	ng/u1	0.00
15) 4-Methylphenol-d8	8.592	113	496045	19.345	ng/u1	0.00
21) Nitrobenzene-d5	9.045	128	262802	20.729	ng/u1	0.00
24) 2-Nitrophenol-d4	9.769	143	269768	21.840	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.304	165	474457	21.238	ng/u1	0.00
31) 4-Chloroaniline-d4	10.828	131	759971	20.095	ng/u1	0.00
46) Dimethylphthalate-d6	13.933	166	1343702	20.770	ng/u1	0.00
49) Acenaphthylene-d8	14.210	160	1711596	20.736	ng/u1	0.00
54) 4-Nitrophenol-d4	14.716	143	249763	18.800	ng/u1	0.00
60) Fluorene-d10	15.504	176	1200654	20.538	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.627	200	188017	18.338	ng/u1	0.00
73) Anthracene-d10	17.357	188	1803642	20.915	ng/u1	0.00
81) Pyrene-d10	19.645	212	1999848	20.280	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.650	264	1872172	20.329	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	82628	7.949	ng/uL	93
5) Pyridine	3.716	79	555172	19.252	ng/u1	88
6) Benzaldehyde	7.016	77	255921	19.264	ng/u1	96
8) Phenol	7.069	94	664946	19.197	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.304	93	539161	19.361	ng/u1	95
12) 2-Chlorophenol	7.440	128	554994	20.592	ng/u1	98
13) 2-Methylphenol	8.328	108	499333	19.297	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.416	45	706016	19.207	ng/u1	96
16) Acetophenone	8.710	105	789636	19.180	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.698	70	398580	19.414	ng/u1	93
18) 4-Methylphenol	8.657	108	536599	19.330	ng/u1	99
19) Hexachloroethane	8.957	117	232735	20.929	ng/u1	91
22) Nitrobenzene	9.087	77	585071	20.166	ng/u1	99
23) Isophorone	9.616	82	1089920	19.901	ng/u1	98
25) 2-Nitrophenol	9.798	139	294777	21.511	ng/u1	97
26) 2,4-Dimethylphenol	9.863	107	567680	20.273	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.098	93	689233	19.954	ng/u1	99
29) 2,4-Dichlorophenol	10.334	162	487309	21.016	ng/u1	97
30) Naphthalene	10.733	128	1735588	20.552	ng/u1	100
32) 4-Chloroaniline	10.851	127	752719	20.036	ng/u1	98
33) Hexachlorobutadiene	11.016	225	308091	21.523	ng/u1	99
34) Caprolactam	11.628	113	150216	19.602	ng/u1	90
35) 4-Chloro-3-methylphenol	11.975	107	501864	20.815	ng/u1	98
36) 2-Methylnaphthalene	12.345	142	1133978	20.524	ng/u1	100

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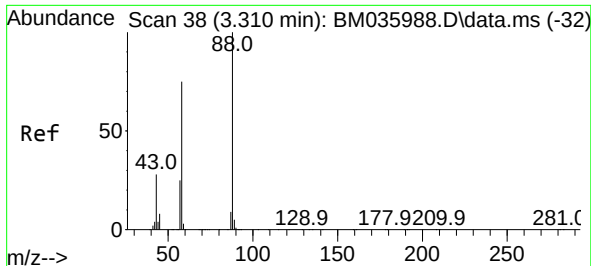
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.563	142	1141385	20.495	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.710	216	560838	20.745	ng/ul	98
40) Hexachlorocyclopentadiene	12.686	237	324366	18.015	ng/ul	97
41) 2,4,6-Trichlorophenol	12.951	196	370887	21.437	ng/ul	99
42) 2,4,5-Trichlorophenol	13.022	196	396716	21.490	ng/ul	98
43) 1,1'-Biphenyl	13.351	154	1488287	20.359	ng/ul	99
44) 2-Chloronaphthalene	13.392	162	1140697	20.333	ng/ul	99
45) 2-Nitroaniline	13.604	65	313506	20.270	ng/ul	96
47) Dimethylphthalate	13.980	163	1347202	20.703	ng/ul	100
48) 2,6-Dinitrotoluene	14.098	165	273840	21.196	ng/ul	93
50) Acenaphthylene	14.239	152	1867169	20.448	ng/ul	100
51) 3-Nitroaniline	14.427	138	214273	15.007	ng/ul	94
52) Acenaphthene	14.580	153	1197586	20.216	ng/ul	98
53) 2,4-Dinitrophenol	14.633	184	126140	17.196	ng/ul	94
55) 4-Nitrophenol	14.733	109	191639	18.861	ng/ul	87
56) Dibenzofuran	14.916	168	1684637	20.553	ng/ul	99
57) 2,4-Dinitrotoluene	14.880	165	387816	21.295	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.139	232	314801	21.704	ng/ul#	98
59) Diethylphthalate	15.339	149	1381229	20.984	ng/ul	99
61) Fluorene	15.563	166	1360331	20.317	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.557	204	662545	20.653	ng/ul	96
63) 4-Nitroaniline	15.580	138	191590	14.575	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.639	198	191590	18.674	ng/ul	94
67) N-Nitrosodiphenylamine	15.768	169	1131966	20.186	ng/ul	99
68) 4-Bromophenyl-phenylether	16.451	248	390472	20.881	ng/ul	98
69) Hexachlorobenzene	16.557	284	468799	20.576	ng/ul	98
70) Atrazine	16.721	200	394580	20.287	ng/ul	98
71) Pentachlorophenol	16.904	266	276387	19.857	ng/ul	99
72) Phenanthrene	17.298	178	2081534	20.361	ng/ul	98
74) Anthracene	17.386	178	2120575	20.672	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.316	216	580715	19.578	ng/ul	98
76) Pentachlorobenzene	14.827	250	552899	20.563	ng/ul	99
77) Carbazole	17.662	167	1934296	20.415	ng/ul	99
78) Di-n-butylphthalate	18.227	149	2353048	22.012	ng/ul	100
80) Fluoranthene	19.309	202	2366708	20.088	ng/ul	98
82) Pyrene	19.674	202	2427559	19.990	ng/ul	96
83) Butylbenzylphthalate	20.574	149	998224	22.601	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.356	252	667830	20.340	ng/ul	98
85) Benzo(a)anthracene	21.421	228	2329322	20.800	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.350	149	1487333	23.306	ng/ul	99
87) Chrysene	21.468	228	2248797	20.580	ng/ul	99
89) Di-n-octyl phthalate	22.268	149	2431580	20.758	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	2371668	19.591	ng/ul	97
91) Benzo(k)fluoranthene	23.133	252	2267531	19.738	ng/ul	97
93) Benzo(a)pyrene	23.697	252	2336622	20.264	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.274	276	2697172	21.945	ng/ul	94
95) Dibenzo(a,h)anthracene	26.291	278	2321610	22.017	ng/ul	96
96) Benzo(g,h,i)perylene	27.027	276	2284929	22.434	ng/ul	96

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

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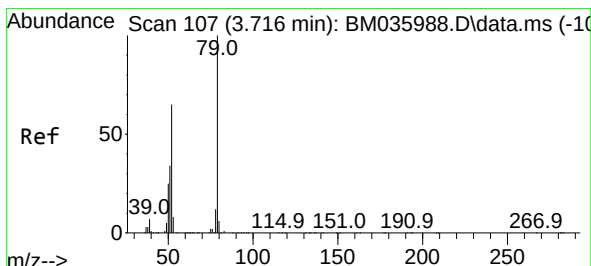
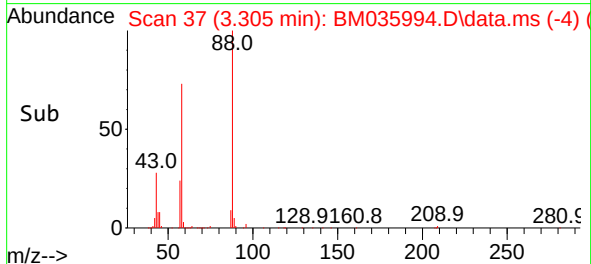
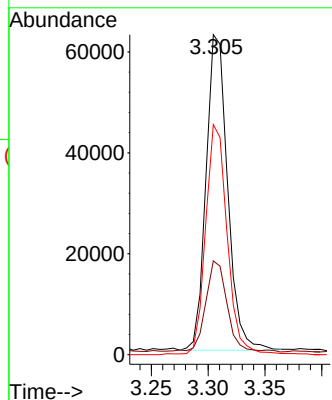
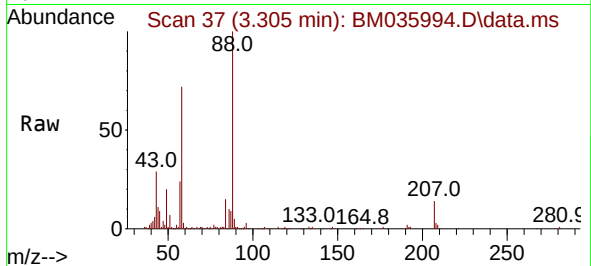




#2
1,4-Dioxane
Concen: 7.949 ng/uL
RT: 3.305 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM035994.D
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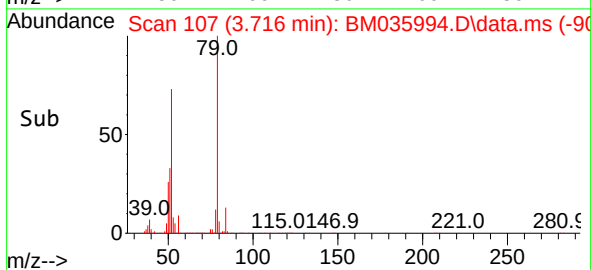
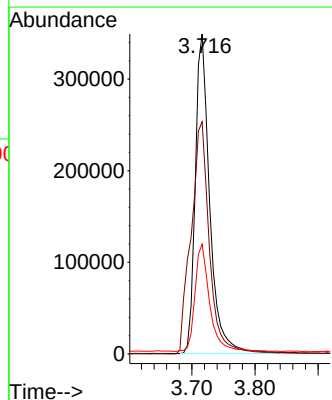
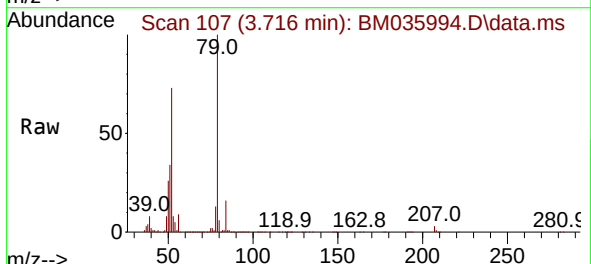
Instrument :
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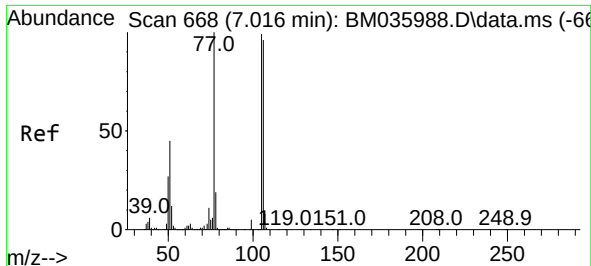
Tgt Ion: 88 Resp: 82628
Ion Ratio Lower Upper
88 100
43 29.3 27.8 41.8
58 71.9 61.8 92.8



#5
Pyridine
Concen: 19.252 ng/uL
RT: 3.716 min Scan# 107
Delta R.T. 0.000 min
Lab File: BM035994.D
Acq: 29 Jul 2022 16:03

Tgt Ion: 79 Resp: 555172
Ion Ratio Lower Upper
79 100
52 72.6 67.8 101.6
51 34.3 31.4 47.0

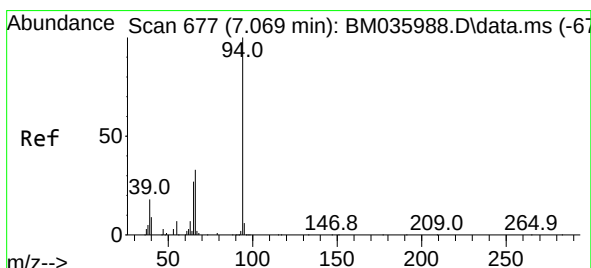
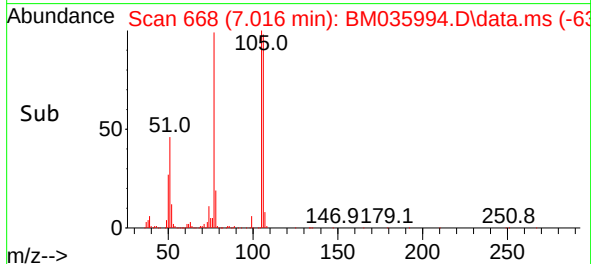
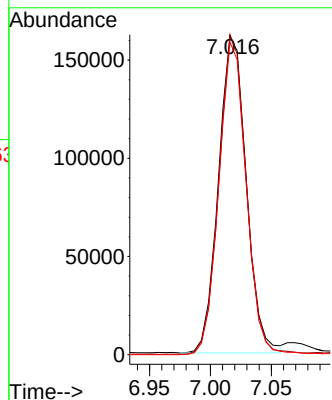
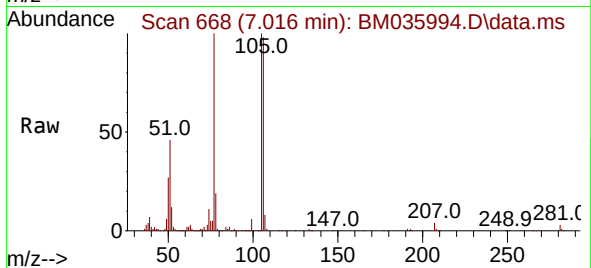




#6
Benzaldehyde
Concen: 19.264 ng/ul
RT: 7.016 min Scan# 668
Delta R.T. 0.000 min
Lab File: BM035994.D
Acq: 29 Jul 2022 16:03

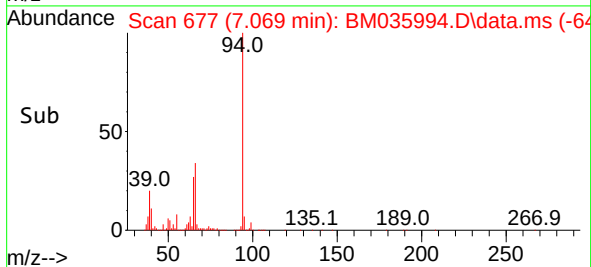
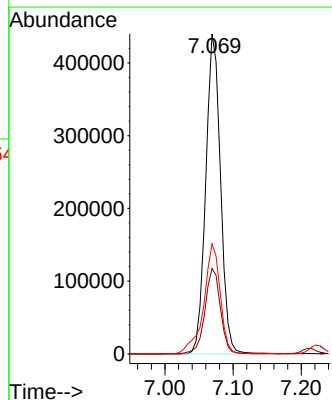
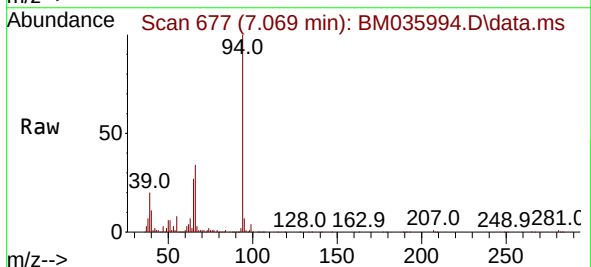
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ClientSampleId :

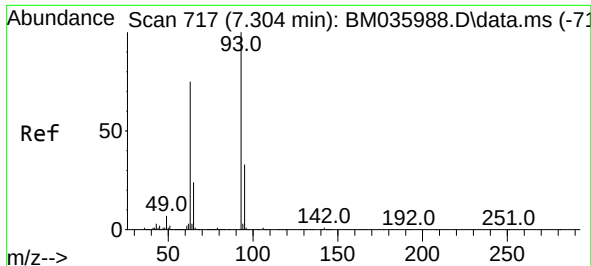
Tgt Ion: 77 Resp: 255921
Ion Ratio Lower Upper
77 100
105 100.4 84.6 127.0
106 98.1 80.3 120.5



#8
Phenol
Concen: 19.197 ng/ul
RT: 7.069 min Scan# 677
Delta R.T. 0.000 min
Lab File: BM035994.D
Acq: 29 Jul 2022 16:03

Tgt Ion: 94 Resp: 664946
Ion Ratio Lower Upper
94 100
65 26.7 21.3 31.9
66 34.4 27.4 41.0

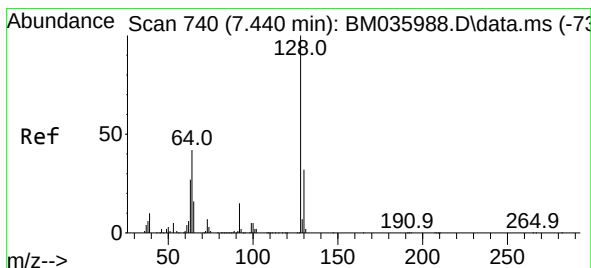
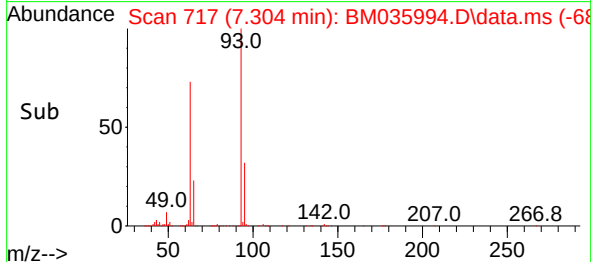
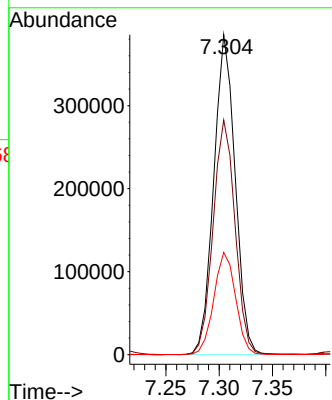
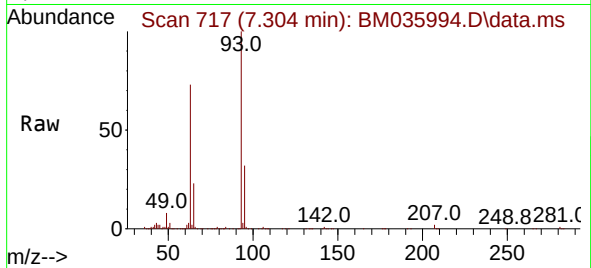




#10
Bis(2-Chloroethyl)ether
Concen: 19.361 ng/ul
RT: 7.304 min Scan# 717
Delta R.T. 0.000 min
Lab File: BM035994.D
Acq: 29 Jul 2022 16:03

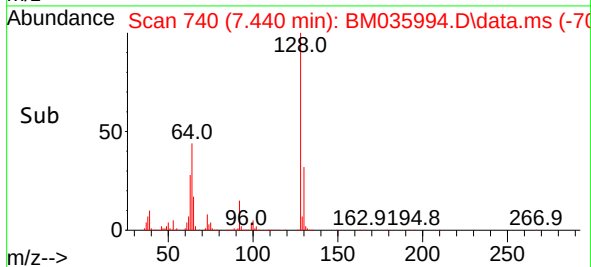
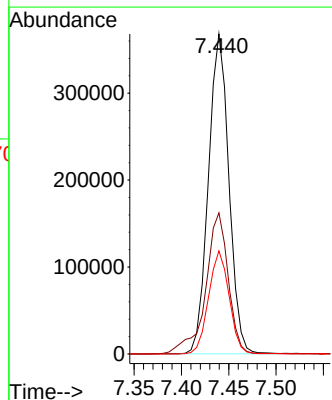
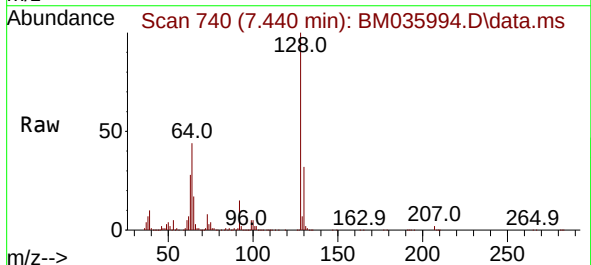
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ClientSampleId :

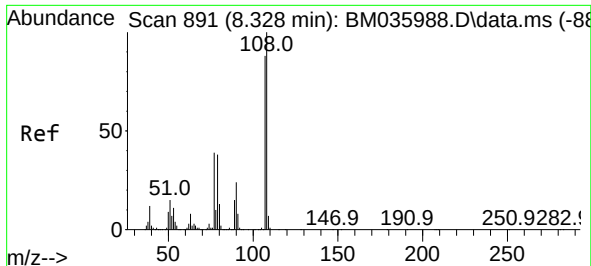
Tgt Ion: 93 Resp: 539161
Ion Ratio Lower Upper
93 100
63 73.4 64.0 96.0
95 32.0 25.8 38.6



#12
2-Chlorophenol
Concen: 20.592 ng/ul
RT: 7.440 min Scan# 740
Delta R.T. 0.000 min
Lab File: BM035994.D
Acq: 29 Jul 2022 16:03

Tgt Ion: 128 Resp: 554994
Ion Ratio Lower Upper
128 100
64 44.1 36.9 55.3
130 32.2 25.6 38.4

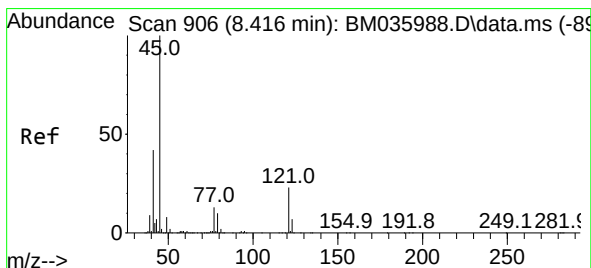
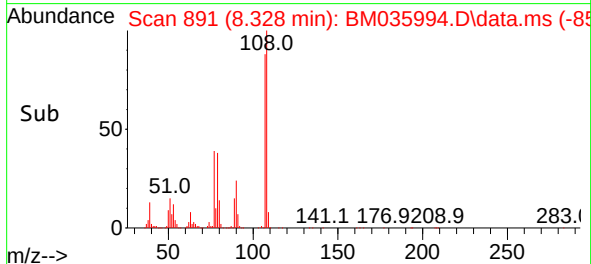
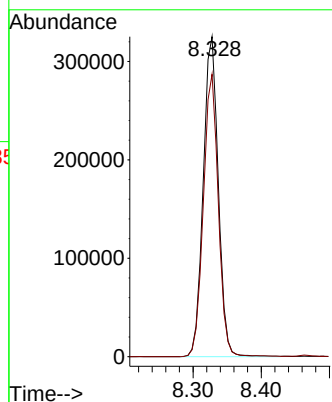
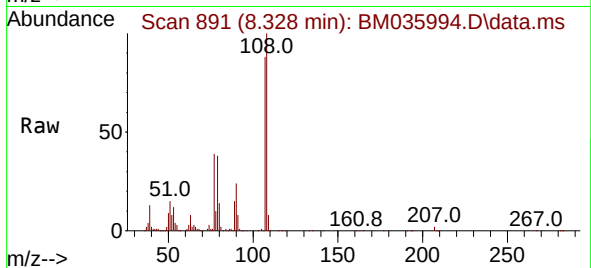




#13
2-Methylphenol
Concen: 19.297 ng/ul
RT: 8.328 min Scan# 891
Delta R.T. 0.000 min
Lab File: BM035994.D
Acq: 29 Jul 2022 16:03

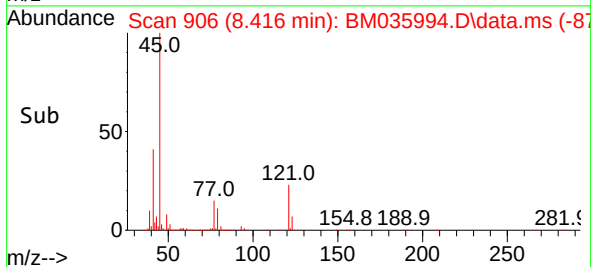
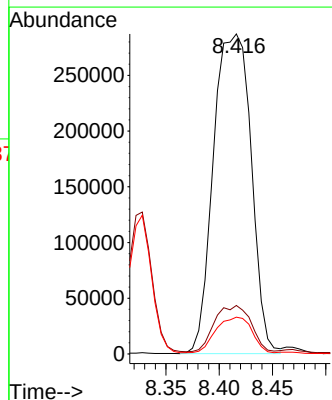
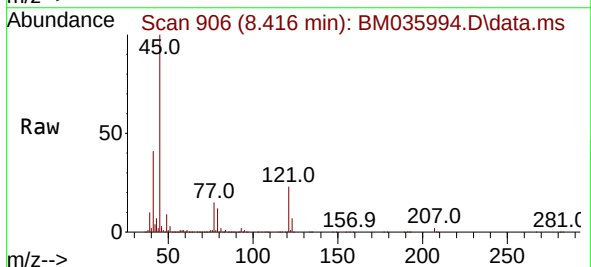
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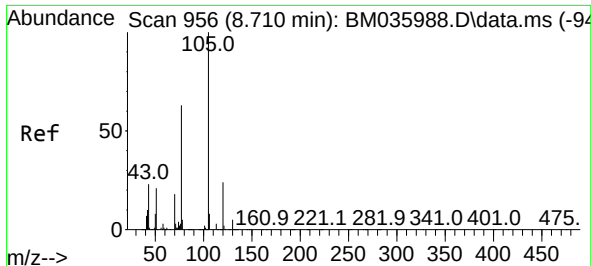
Tgt Ion:108 Resp: 499333
Ion Ratio Lower Upper
108 100
107 88.3 75.0 112.4



#14
2,2'-oxybis(1-Chloropropane)
Concen: 19.207 ng/ul
RT: 8.416 min Scan# 906
Delta R.T. 0.000 min
Lab File: BM035994.D
Acq: 29 Jul 2022 16:03

Tgt Ion: 45 Resp: 706016
Ion Ratio Lower Upper
45 100
77 15.2 10.6 15.8
79 11.5 8.3 12.5

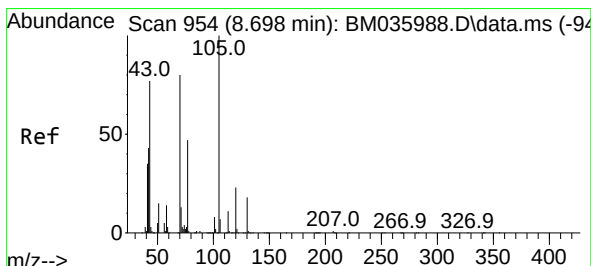
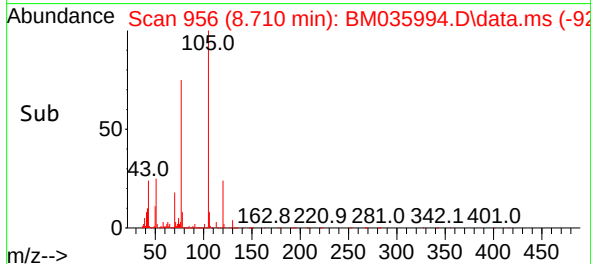
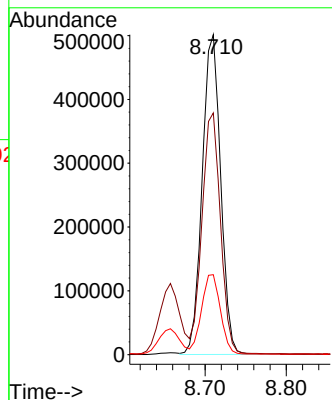
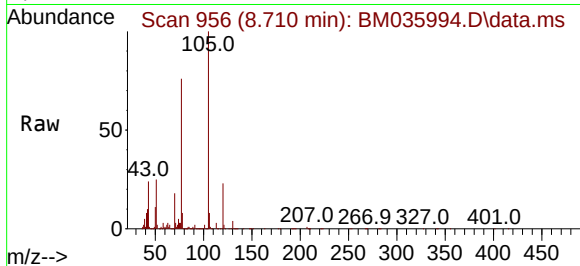




#16
Acetophenone
Concen: 19.180 ng/ul
RT: 8.710 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM035994.D
Acq: 29 Jul 2022 16:03

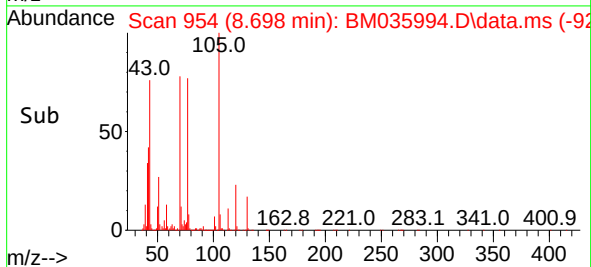
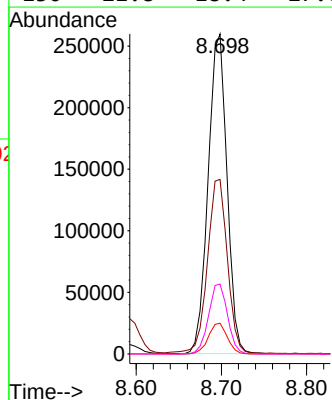
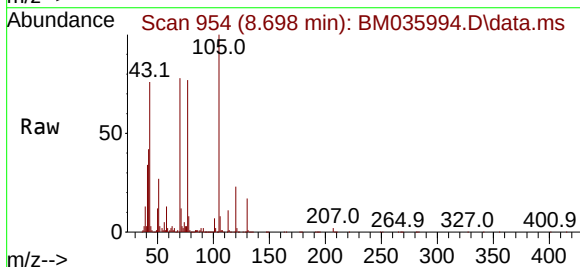
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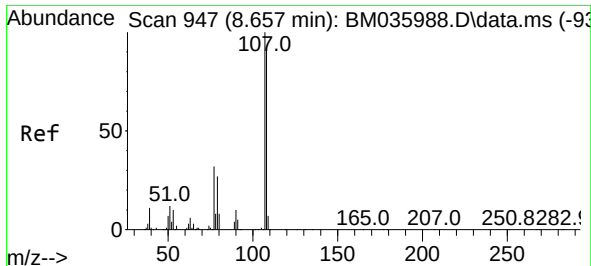
Tgt Ion:105 Resp: 789636
Ion Ratio Lower Upper
105 100
77 75.5 59.8 89.6
51 25.0 22.1 33.1



#17
N-Nitroso-di-n-propylamine
Concen: 19.414 ng/ul
RT: 8.698 min Scan# 954
Delta R.T. 0.000 min
Lab File: BM035994.D
Acq: 29 Jul 2022 16:03

Tgt Ion: 70 Resp: 398580
Ion Ratio Lower Upper
70 100
42 54.6 49.6 74.4
101 9.6 8.1 12.1
130 21.8 18.4 27.6

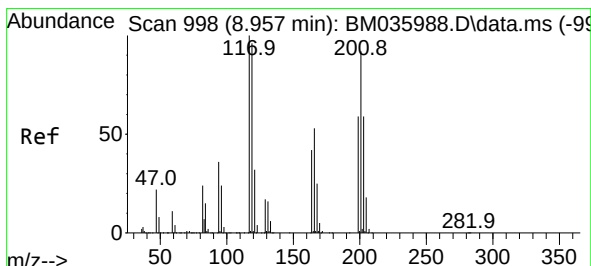
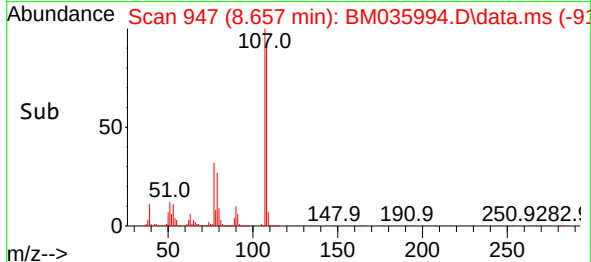
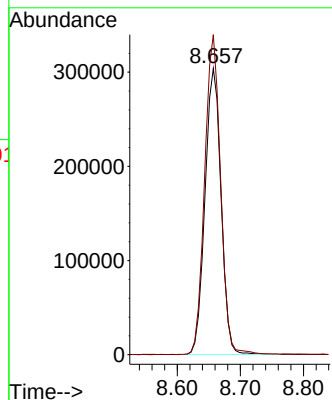
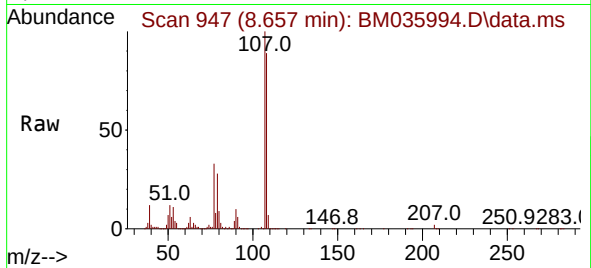




#18
4-Methylphenol
Concen: 19.330 ng/ul
RT: 8.657 min Scan# 947
Delta R.T. 0.000 min
Lab File: BM035994.D
Acq: 29 Jul 2022 16:03

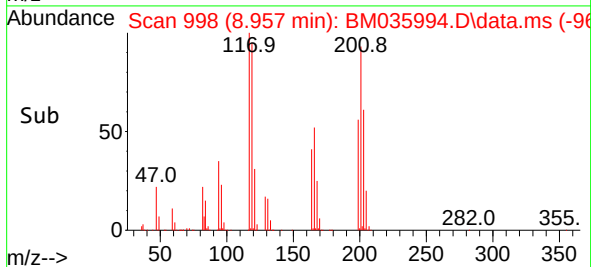
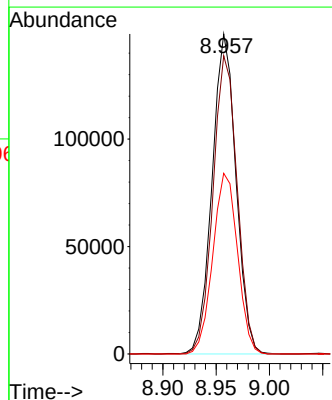
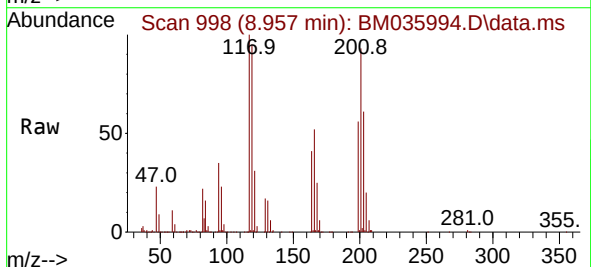
Instrument :
BNA_M
ClientSampleId :

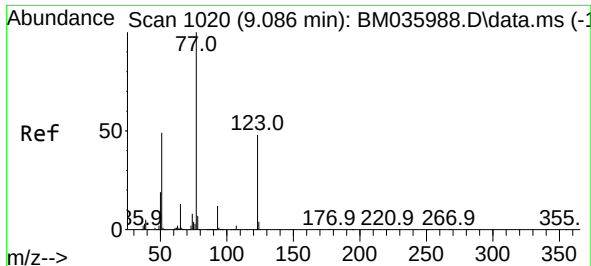
Tgt Ion:108 Resp: 536599
Ion Ratio Lower Upper
108 100
107 111.8 90.3 135.5



#19
Hexachloroethane
Concen: 20.929 ng/ul
RT: 8.957 min Scan# 998
Delta R.T. 0.000 min
Lab File: BM035994.D
Acq: 29 Jul 2022 16:03

Tgt Ion:117 Resp: 232735
Ion Ratio Lower Upper
117 100
201 93.2 81.8 122.6
199 56.5 51.6 77.4

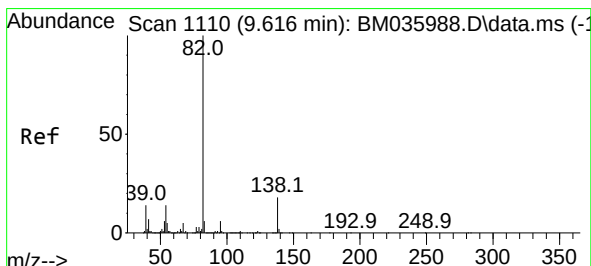
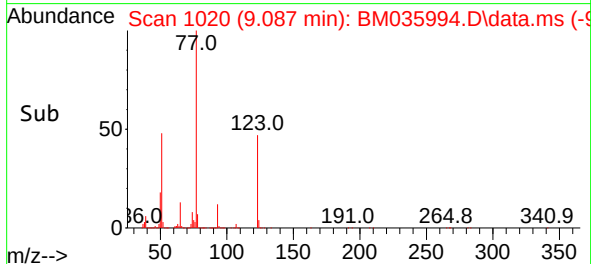
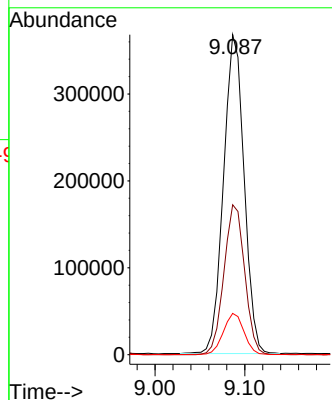
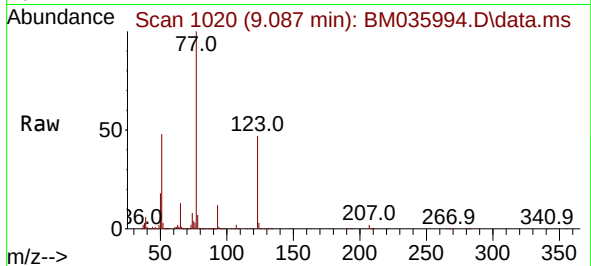




#22
Nitrobenzene
Concen: 20.166 ng/ul
RT: 9.087 min Scan# 110
Delta R.T. 0.000 min
Lab File: BM035994.D
Acq: 29 Jul 2022 16:03

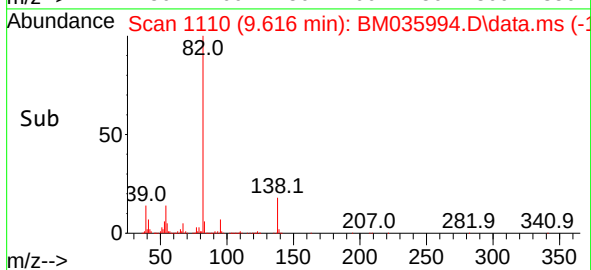
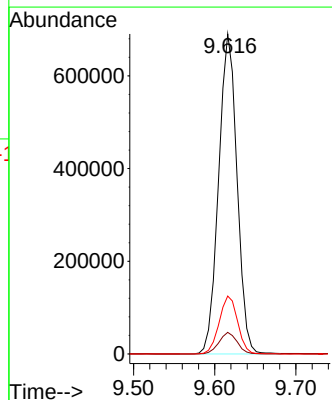
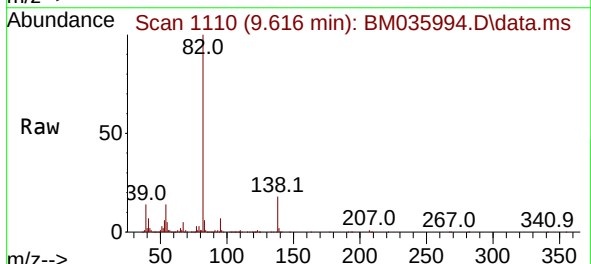
Instrument :
BNA_M
ClientSampleId :

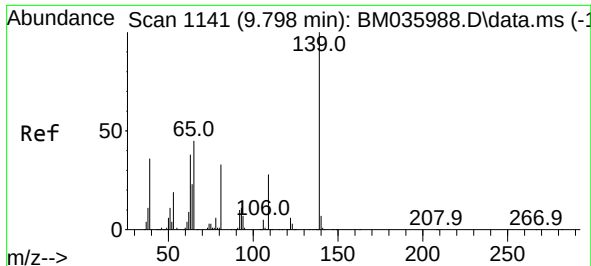
Tgt Ion: 77 Resp: 585071
Ion Ratio Lower Upper
77 100
123 46.9 37.4 56.0
65 12.9 10.8 16.2



#23
Isophorone
Concen: 19.901 ng/ul
RT: 9.616 min Scan# 1110
Delta R.T. 0.000 min
Lab File: BM035994.D
Acq: 29 Jul 2022 16:03

Tgt Ion: 82 Resp: 1089920
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 18.1 15.3 22.9

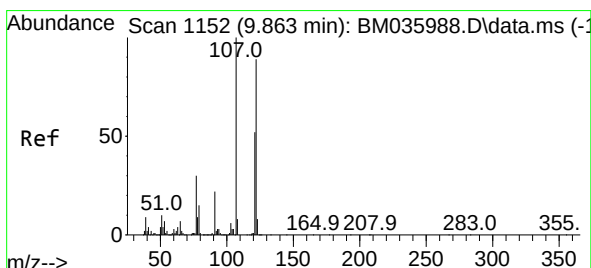
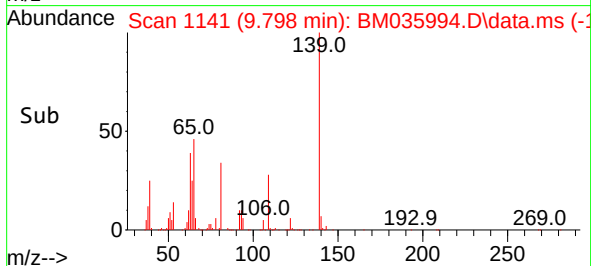
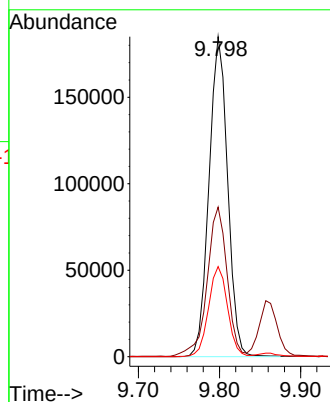
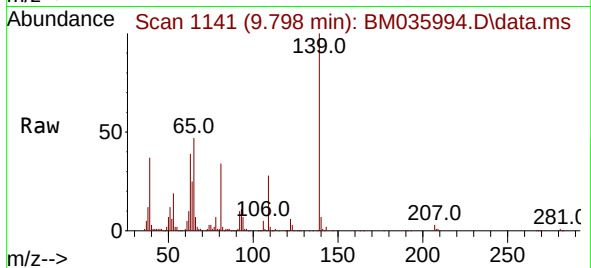




#25
2-Nitrophenol
Concen: 21.511 ng/ul
RT: 9.798 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BM035994.D
Acq: 29 Jul 2022 16:03

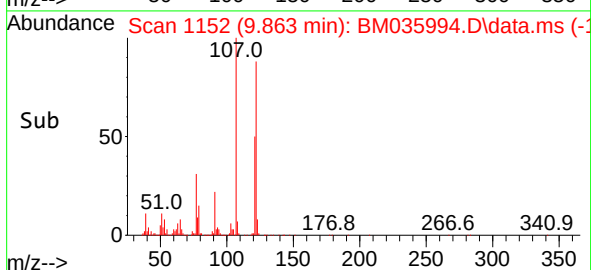
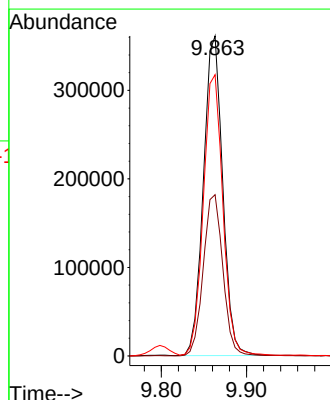
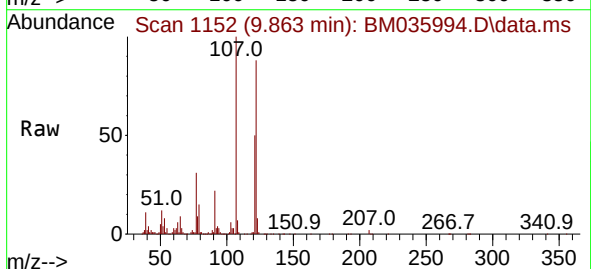
Instrument :
BNA_M
ClientSampleId :

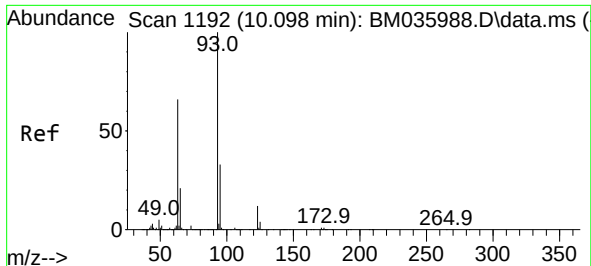
Tgt Ion:139 Resp: 294777
Ion Ratio Lower Upper
139 100
65 46.7 39.8 59.6
109 28.2 22.2 33.4



#26
2,4-Dimethylphenol
Concen: 20.273 ng/ul
RT: 9.863 min Scan# 1152
Delta R.T. 0.000 min
Lab File: BM035994.D
Acq: 29 Jul 2022 16:03

Tgt Ion:107 Resp: 567680
Ion Ratio Lower Upper
107 100
121 50.4 42.7 64.1
122 87.9 71.5 107.3

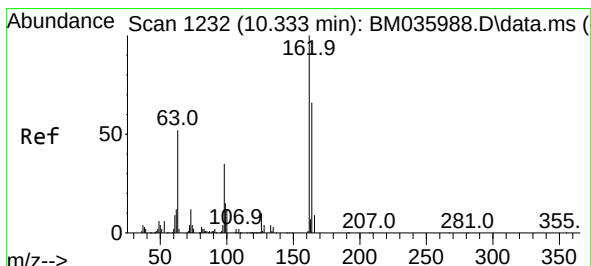
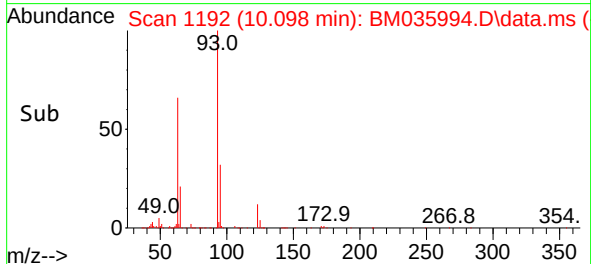
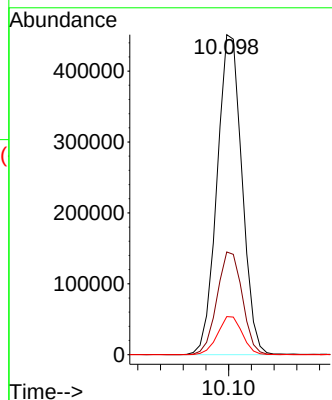
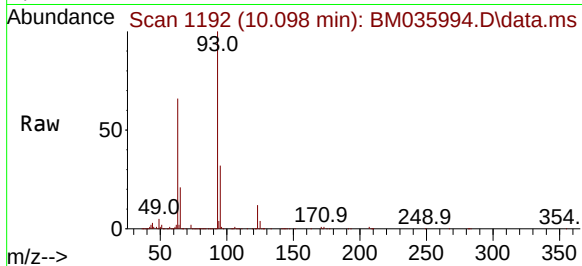




#27
 Bis(2-Chloroethoxy)methane
 Concen: 19.954 ng/ul
 RT: 10.098 min Scan# 1192
 Delta R.T. 0.000 min
 Lab File: BM035994.D
 Acq: 29 Jul 2022 16:03

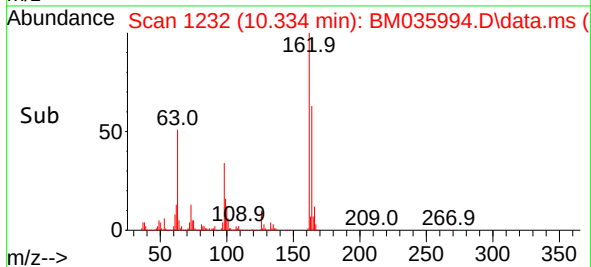
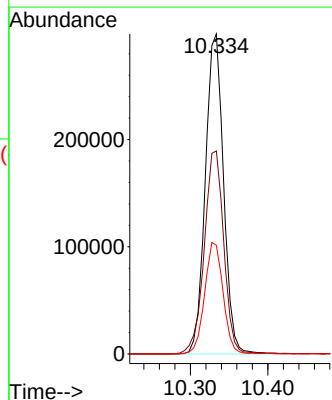
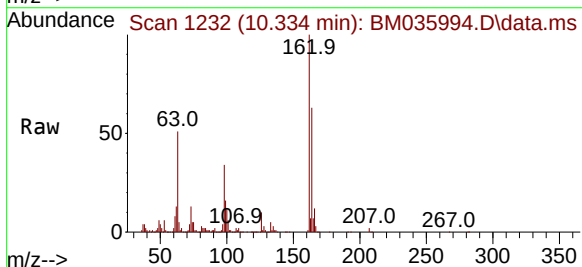
Instrument :
 BNA_M
 ClientSampleId :

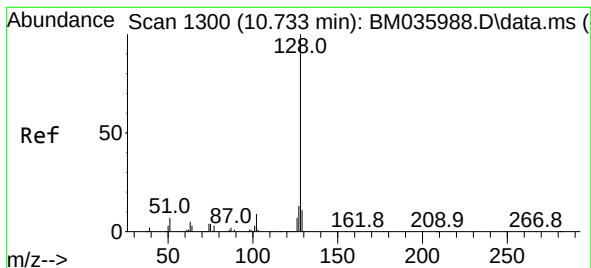
Tgt Ion: 93 Resp: 689233
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.1 39.1
 123 11.9 9.4 14.0



#29
 2,4-Dichlorophenol
 Concen: 21.016 ng/ul
 RT: 10.334 min Scan# 1232
 Delta R.T. 0.000 min
 Lab File: BM035994.D
 Acq: 29 Jul 2022 16:03

Tgt Ion:162 Resp: 487309
 Ion Ratio Lower Upper
 162 100
 164 63.5 51.8 77.6
 98 34.0 29.5 44.3

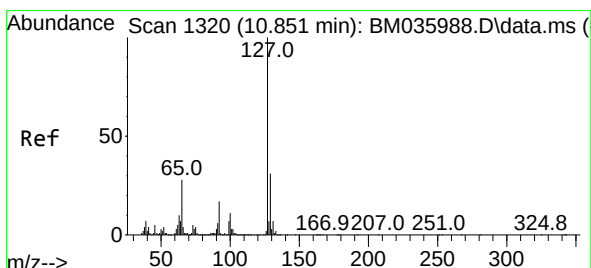
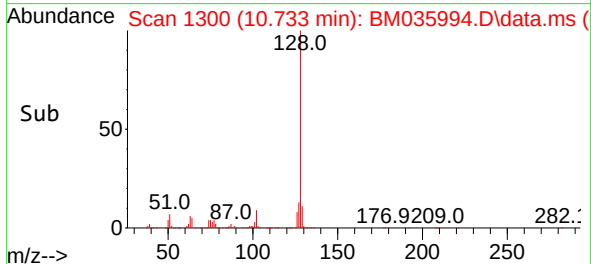
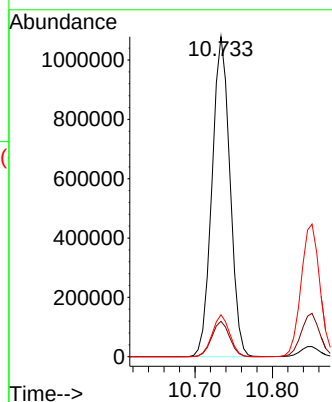
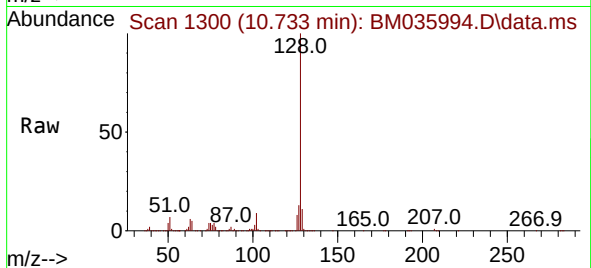




#30
Naphthalene
Concen: 20.552 ng/ul
RT: 10.733 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM035994.D
Acq: 29 Jul 2022 16:03

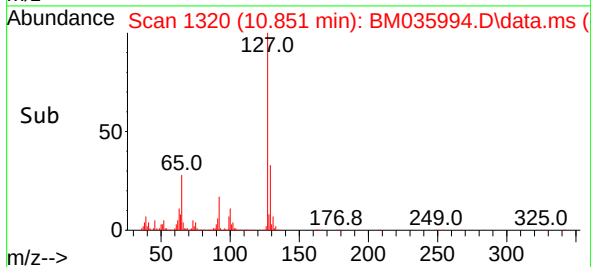
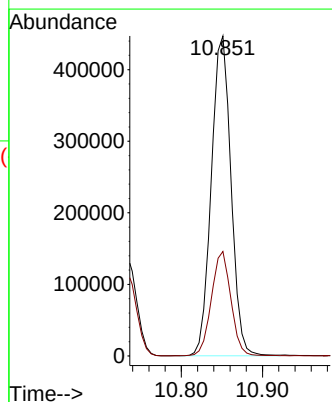
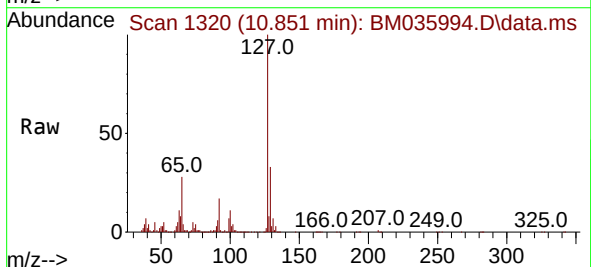
Instrument :
BNA_M
ClientSampleId :

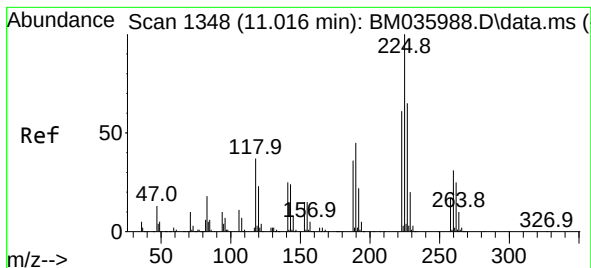
Tgt Ion:128 Resp: 1735588
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.1 10.6 16.0



#32
4-Chloroaniline
Concen: 20.036 ng/ul
RT: 10.851 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BM035994.D
Acq: 29 Jul 2022 16:03

Tgt Ion:127 Resp: 752719
Ion Ratio Lower Upper
127 100
129 32.7 25.3 37.9





#33

Hexachlorobutadiene

Concen: 21.523 ng/ul

RT: 11.016 min Scan# 11

Delta R.T. 0.000 min

Lab File: BM035994.D

Acq: 29 Jul 2022 16:03

Instrument :

BNA_M

ClientSampleId :

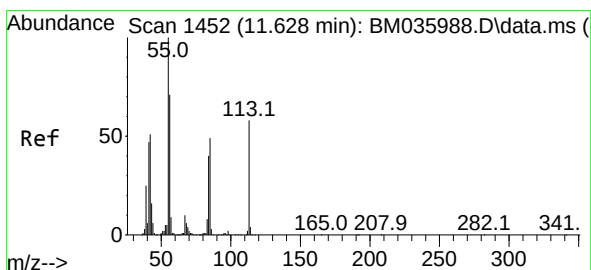
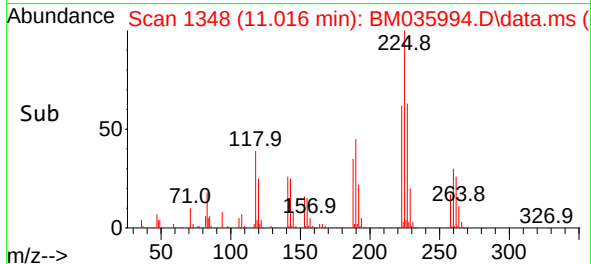
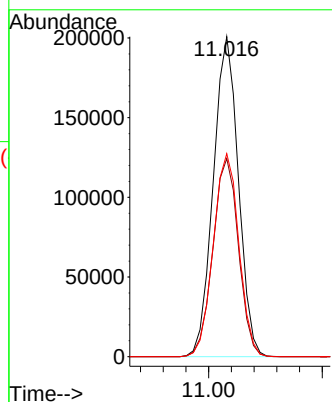
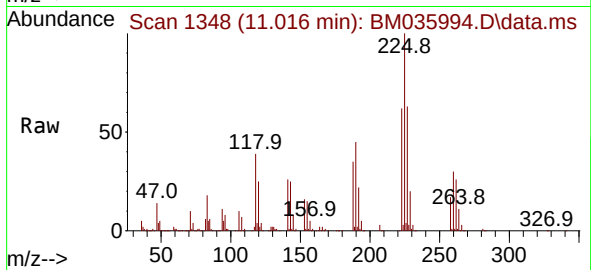
Tgt Ion:225 Resp: 308091

Ion Ratio Lower Upper

225 100

223 61.9 50.0 75.0

227 63.4 49.9 74.9



#34

Caprolactam

Concen: 19.602 ng/ul

RT: 11.628 min Scan# 1452

Delta R.T. 0.000 min

Lab File: BM035994.D

Acq: 29 Jul 2022 16:03

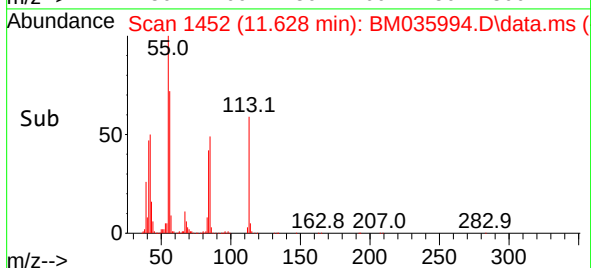
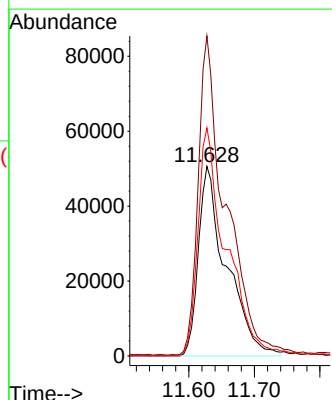
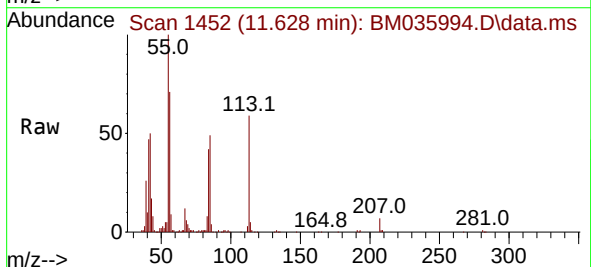
Tgt Ion:113 Resp: 150216

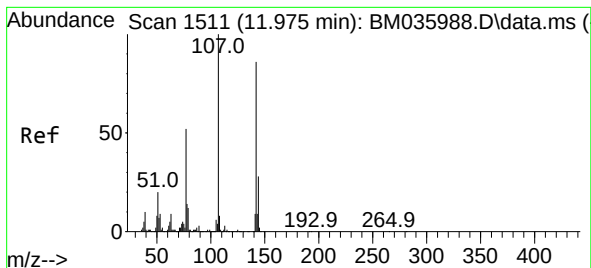
Ion Ratio Lower Upper

113 100

55 168.8 150.2 225.4

56 120.4 102.1 153.1

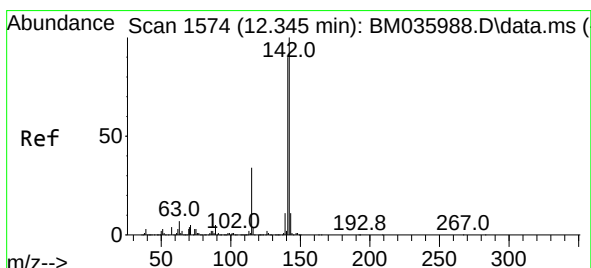
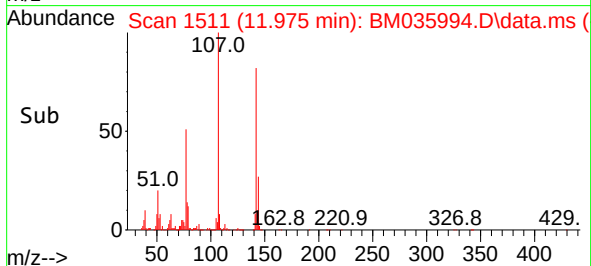
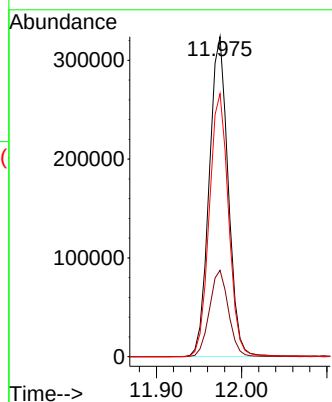
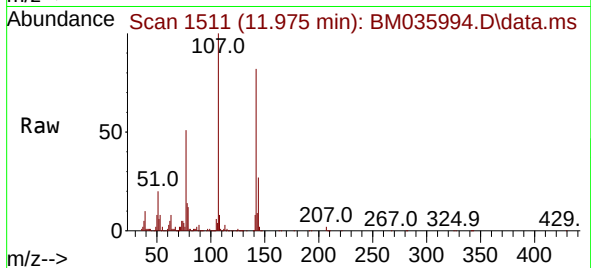




#35
4-Chloro-3-methylphenol
Concen: 20.815 ng/ul
RT: 11.975 min Scan# 1511
Delta R.T. 0.000 min
Lab File: BM035994.D
Acq: 29 Jul 2022 16:03

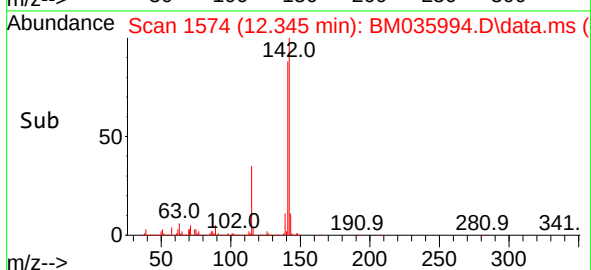
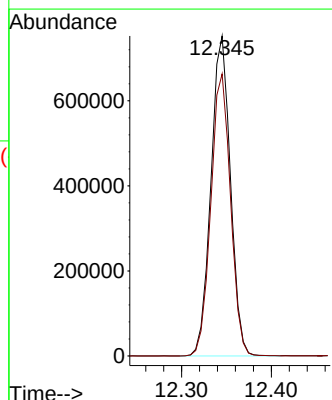
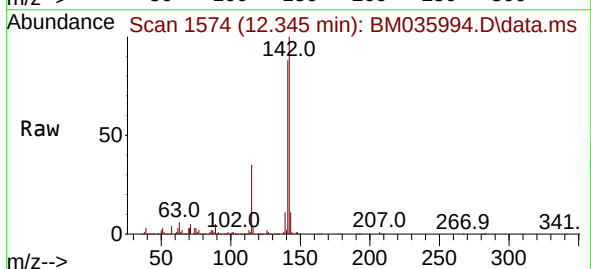
Instrument :
BNA_M
ClientSampleId :

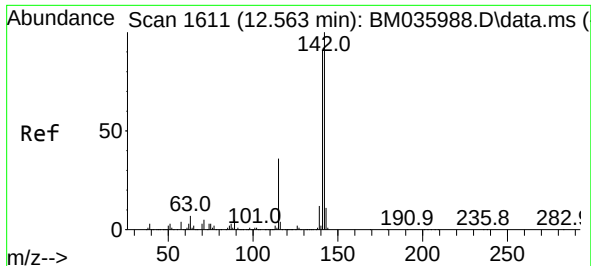
Tgt Ion:107 Resp: 501864
Ion Ratio Lower Upper
107 100
144 27.0 20.3 30.5
142 82.2 64.4 96.6



#36
2-Methylnaphthalene
Concen: 20.524 ng/ul
RT: 12.345 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BM035994.D
Acq: 29 Jul 2022 16:03

Tgt Ion:142 Resp: 1133978
Ion Ratio Lower Upper
142 100
141 88.2 70.7 106.1





#37

1-Methylnaphthalene

Concen: 20.495 ng/ul

RT: 12.563 min Scan# 1

Delta R.T. 0.000 min

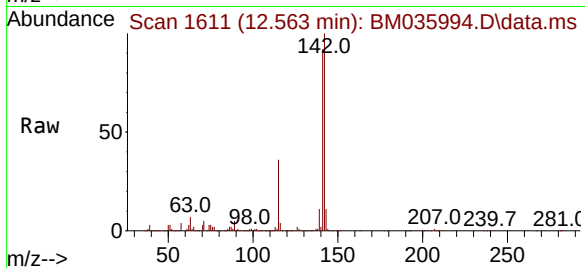
Lab File: BM035994.D

Acq: 29 Jul 2022 16:03

Instrument :

BNA_M

ClientSampleId :



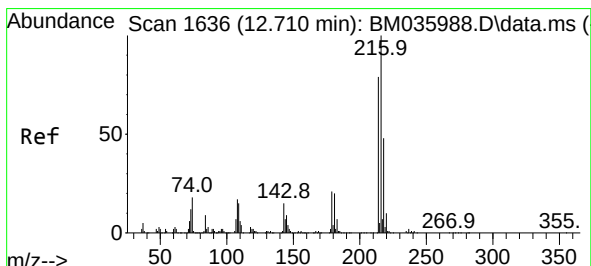
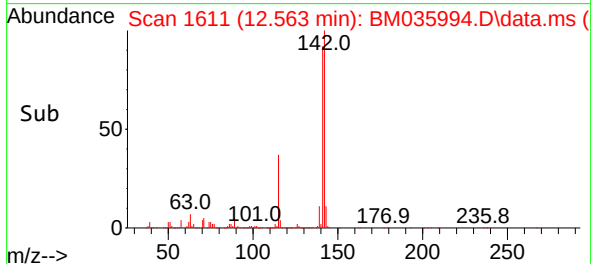
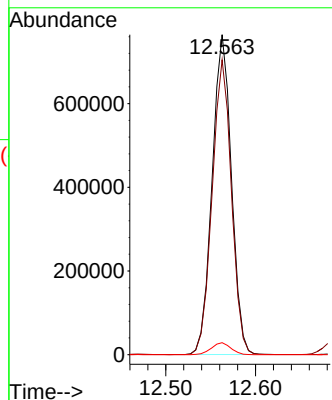
Tgt Ion:142 Resp: 1141385

Ion Ratio Lower Upper

142 100

141 92.2 75.2 112.8

116 3.8 2.6 3.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 20.745 ng/ul

RT: 12.710 min Scan# 1636

Delta R.T. 0.000 min

Lab File: BM035994.D

Acq: 29 Jul 2022 16:03

Tgt Ion:216 Resp: 560838

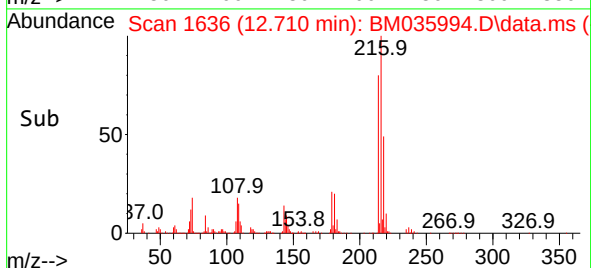
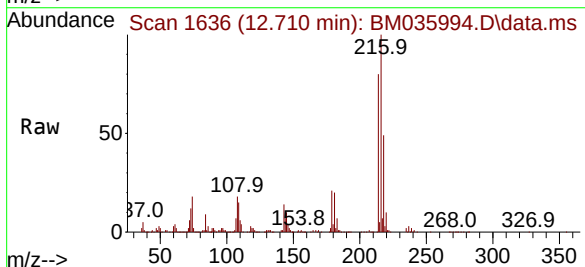
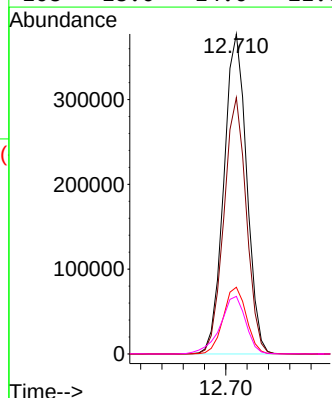
Ion Ratio Lower Upper

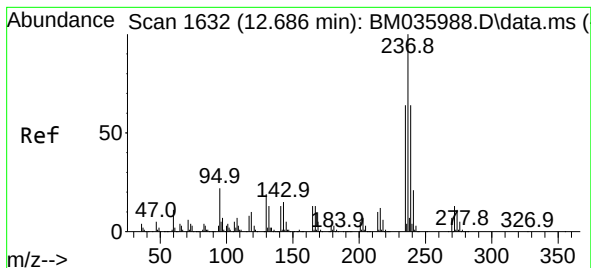
216 100

214 80.1 62.4 93.6

179 20.8 17.3 25.9

108 18.0 14.0 21.0





#40

Hexachlorocyclopentadiene

Concen: 18.015 ng/ul

RT: 12.686 min Scan# 1632

Delta R.T. 0.000 min

Lab File: BM035994.D

Acq: 29 Jul 2022 16:03

Instrument :

BNA_M

ClientSampleId :

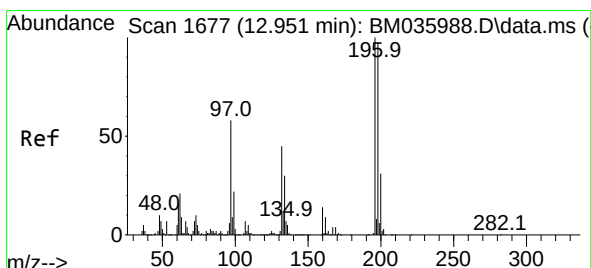
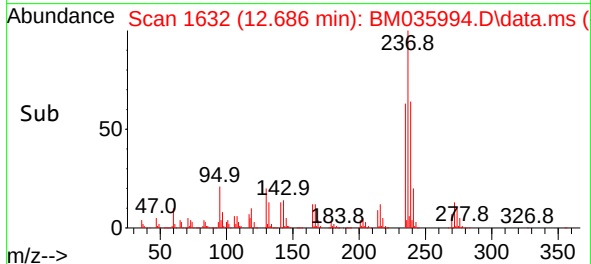
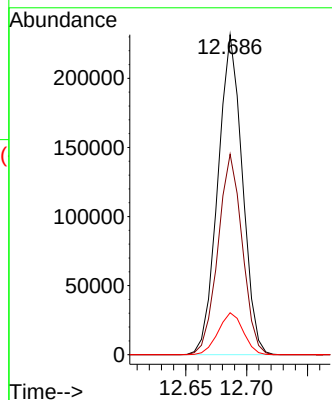
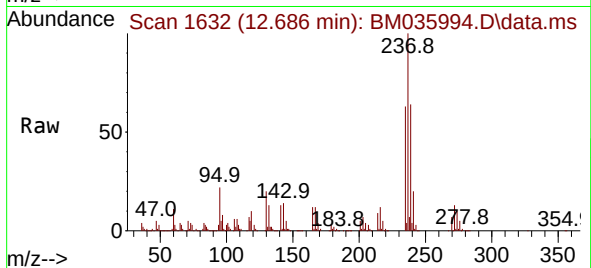
Tgt Ion:237 Resp: 324366

Ion Ratio Lower Upper

237 100

235 62.6 48.4 72.6

272 13.1 11.6 17.4



#41

2,4,6-Trichlorophenol

Concen: 21.437 ng/ul

RT: 12.951 min Scan# 1677

Delta R.T. 0.000 min

Lab File: BM035994.D

Acq: 29 Jul 2022 16:03

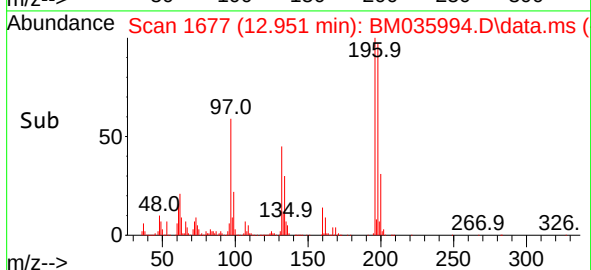
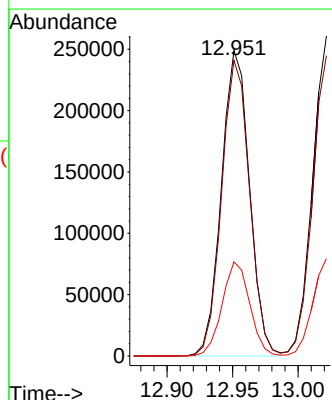
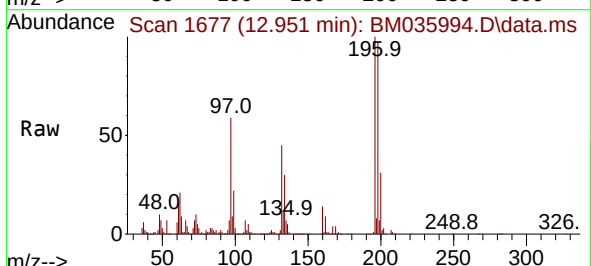
Tgt Ion:196 Resp: 370887

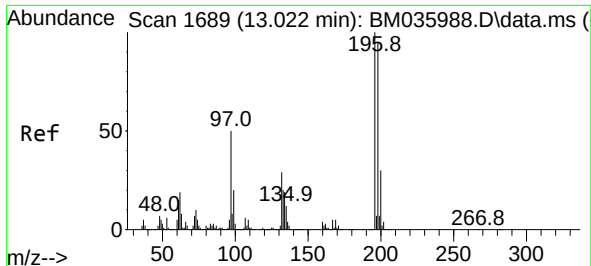
Ion Ratio Lower Upper

196 100

198 96.8 77.8 116.6

200 30.8 25.0 37.6

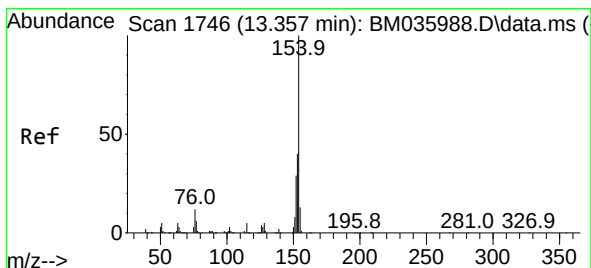
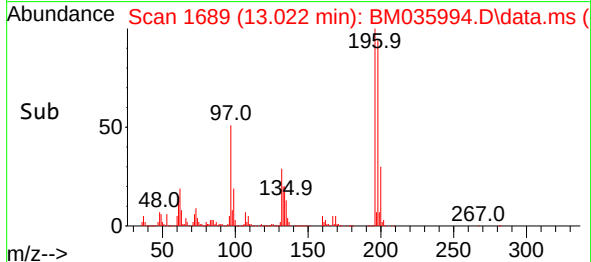
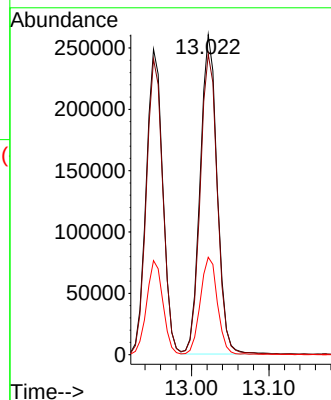
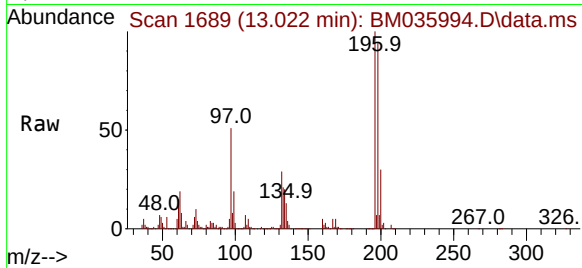




#42
2,4,5-Trichlorophenol
Concen: 21.490 ng/ul
RT: 13.022 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM035994.D
Acq: 29 Jul 2022 16:03

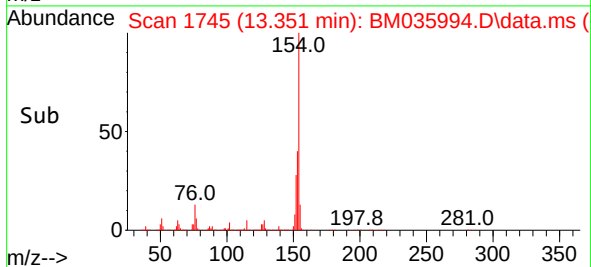
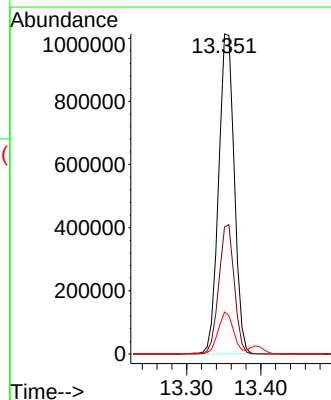
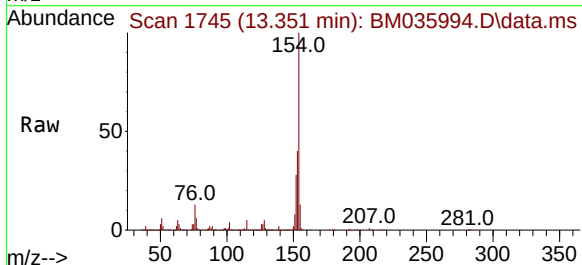
Instrument :
BNA_M
ClientSampleId :

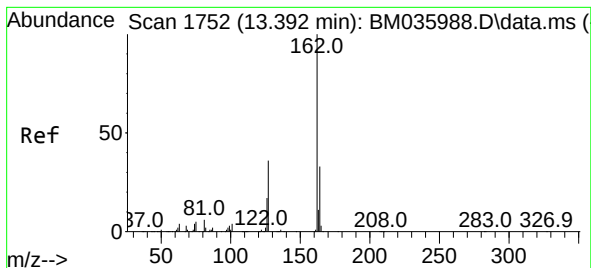
Tgt Ion:196 Resp: 396716
Ion Ratio Lower Upper
196 100
198 93.8 76.8 115.2
200 30.4 24.9 37.3



#43
1,1'-Biphenyl
Concen: 20.359 ng/ul
RT: 13.351 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BM035994.D
Acq: 29 Jul 2022 16:03

Tgt Ion:154 Resp: 1488287
Ion Ratio Lower Upper
154 100
153 39.7 32.4 48.6
76 13.1 10.1 15.1





#44

2-Chloronaphthalene

Concen: 20.333 ng/ul

RT: 13.392 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM035994.D

Acq: 29 Jul 2022 16:03

Instrument :

BNA_M

ClientSampleId :

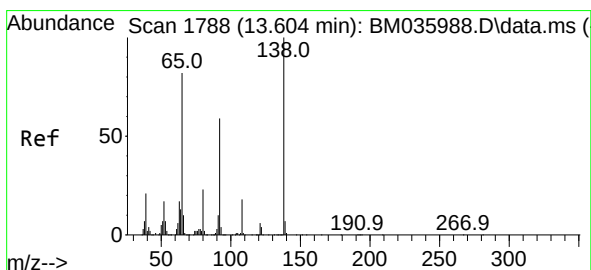
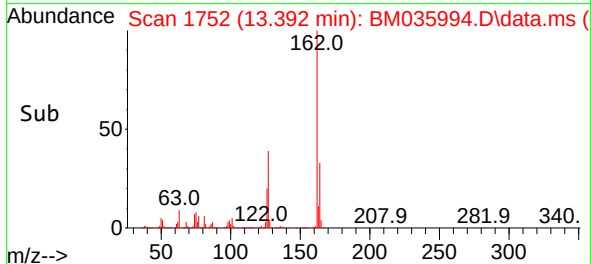
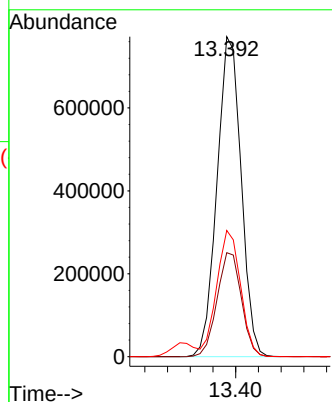
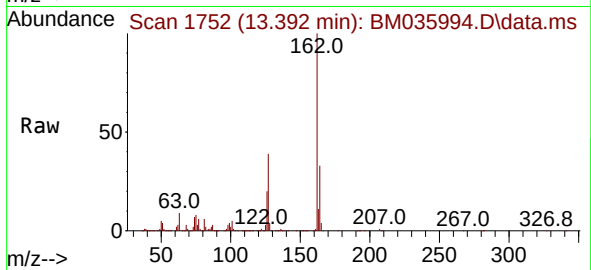
Tgt Ion:162 Resp: 1140697

Ion Ratio Lower Upper

162 100

164 32.5 25.4 38.0

127 39.4 31.6 47.4



#45

2-Nitroaniline

Concen: 20.270 ng/ul

RT: 13.604 min Scan# 1788

Delta R.T. 0.000 min

Lab File: BM035994.D

Acq: 29 Jul 2022 16:03

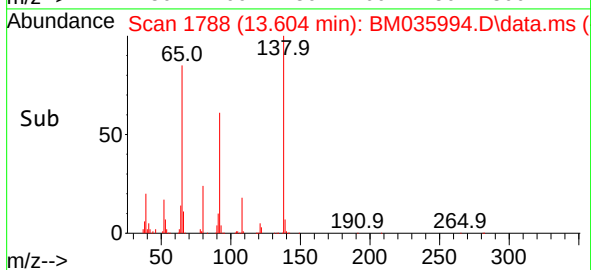
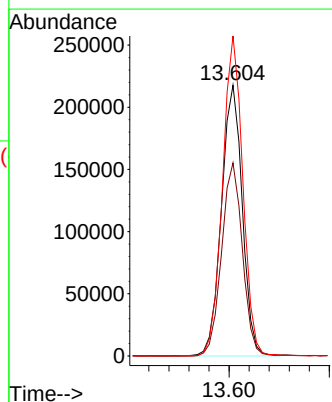
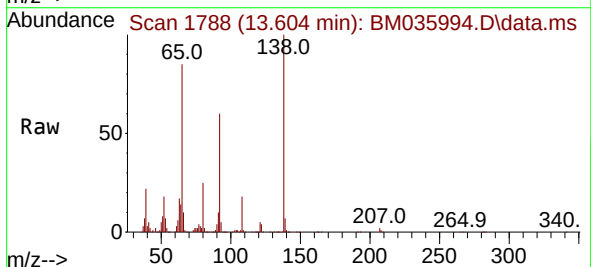
Tgt Ion: 65 Resp: 313506

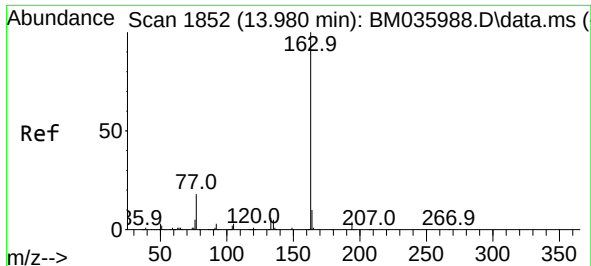
Ion Ratio Lower Upper

65 100

92 71.4 54.5 81.7

138 118.2 91.2 136.8

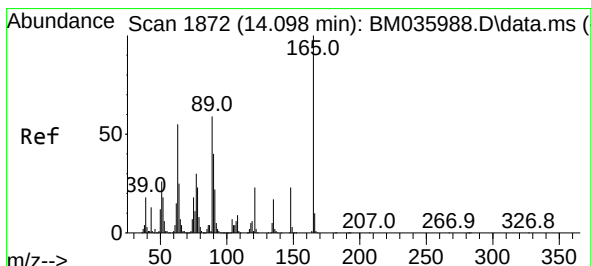
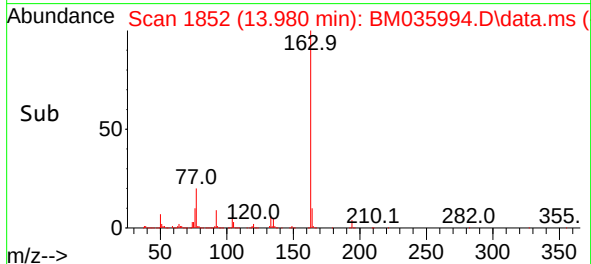
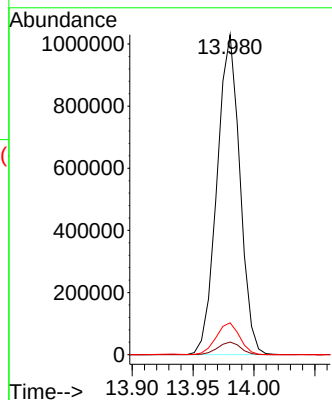
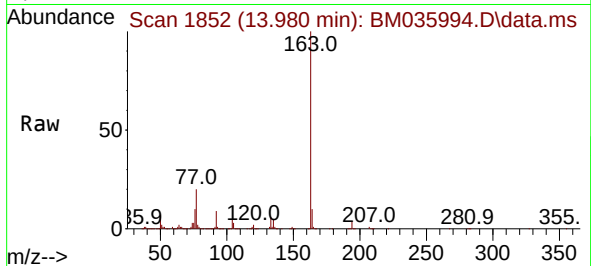




#47
Dimethylphthalate
Concen: 20.703 ng/ul
RT: 13.980 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BM035994.D
Acq: 29 Jul 2022 16:03

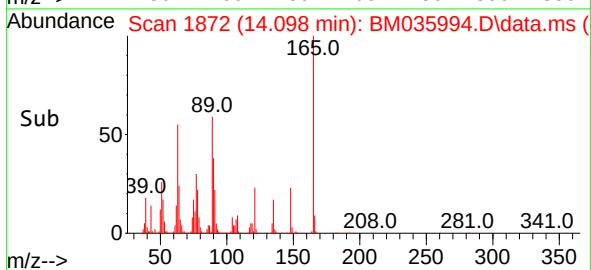
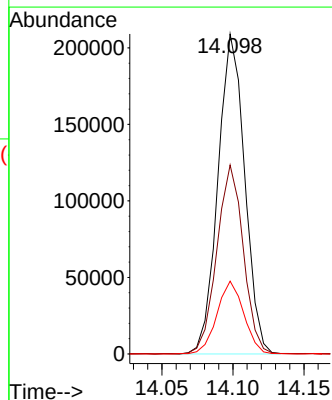
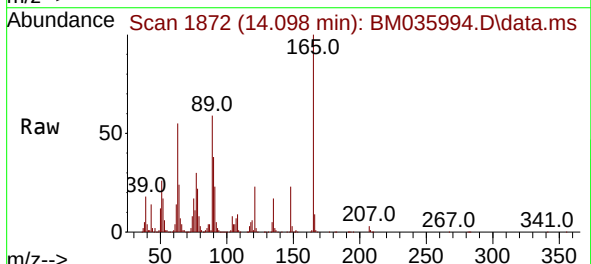
Instrument :
BNA_M
ClientSampleId :

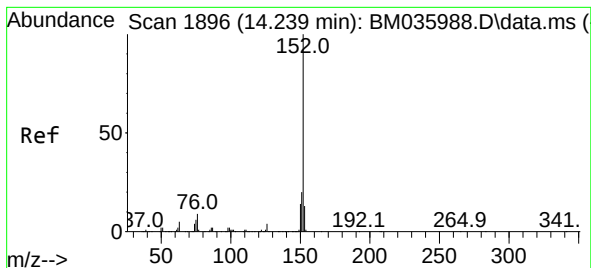
Tgt Ion:163 Resp: 1347202
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.0 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 21.196 ng/ul
RT: 14.098 min Scan# 1872
Delta R.T. 0.000 min
Lab File: BM035994.D
Acq: 29 Jul 2022 16:03

Tgt Ion:165 Resp: 273840
Ion Ratio Lower Upper
165 100
89 59.0 42.5 63.7
121 22.7 17.2 25.8





#50

Acenaphthylene

Concen: 20.448 ng/ul

RT: 14.239 min Scan# 1896

Delta R.T. 0.000 min

Lab File: BM035994.D

Acq: 29 Jul 2022 16:03

Instrument :

BNA_M

ClientSampleId :

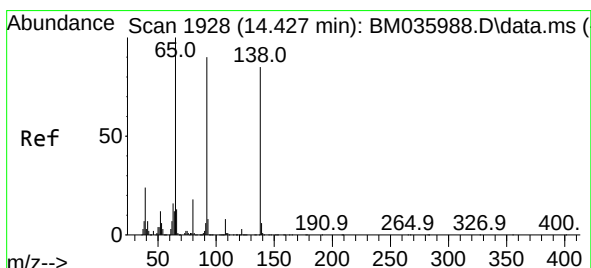
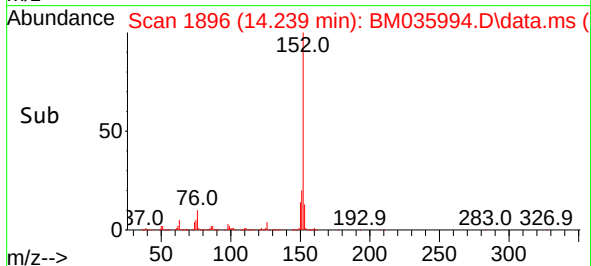
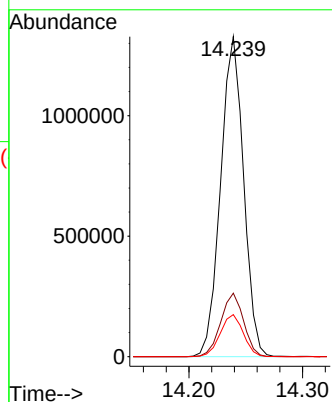
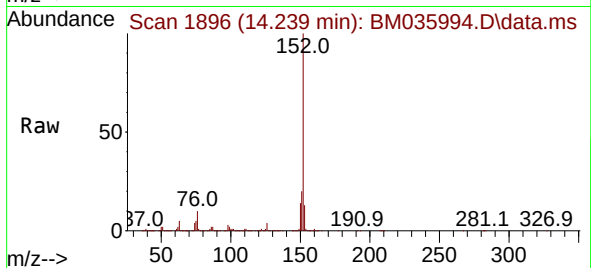
Tgt Ion:152 Resp: 1867169

Ion Ratio Lower Upper

152 100

151 19.8 16.1 24.1

153 13.2 10.6 15.8



#51

3-Nitroaniline

Concen: 15.007 ng/ul

RT: 14.427 min Scan# 1928

Delta R.T. 0.000 min

Lab File: BM035994.D

Acq: 29 Jul 2022 16:03

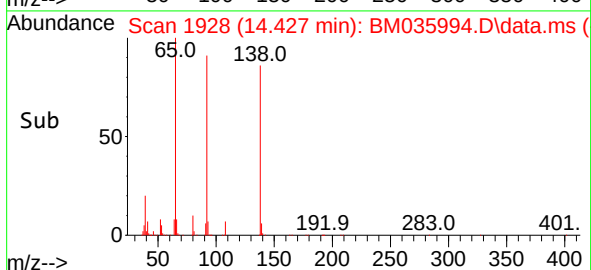
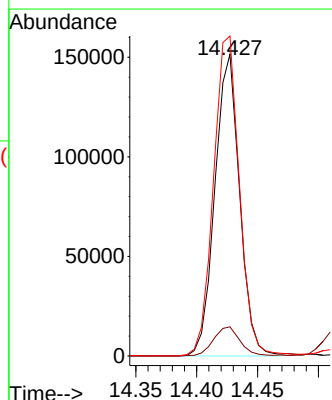
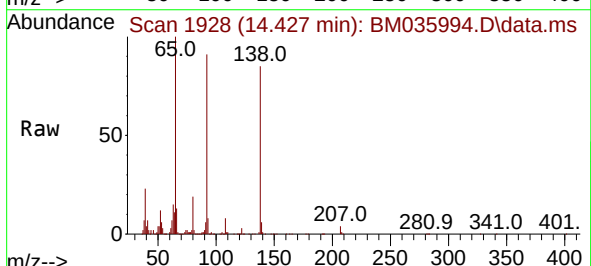
Tgt Ion:138 Resp: 214273

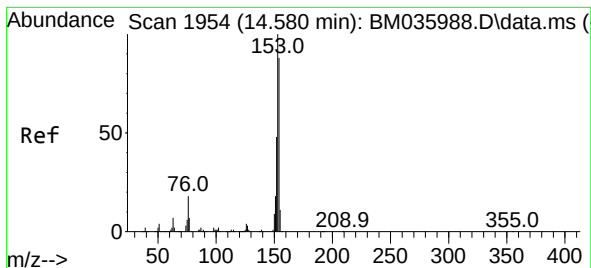
Ion Ratio Lower Upper

138 100

108 9.6 8.1 12.1

92 106.0 90.4 135.6





#52

Acenaphthene

Concen: 20.216 ng/ul

RT: 14.580 min Scan# 1954

Delta R.T. 0.000 min

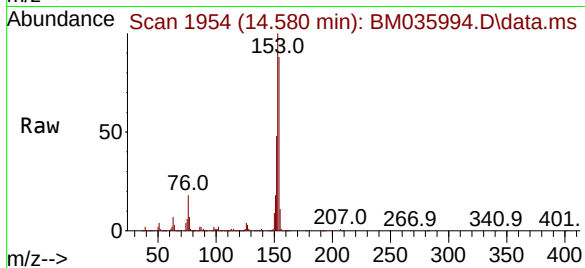
Lab File: BM035994.D

Acq: 29 Jul 2022 16:03

Instrument :

BNA_M

ClientSampleId :



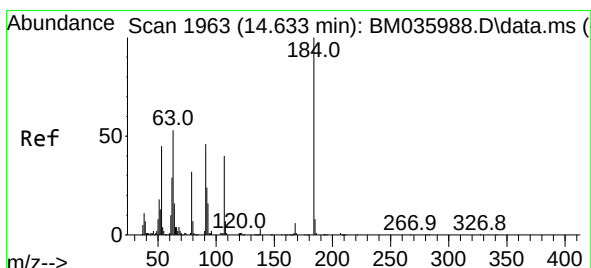
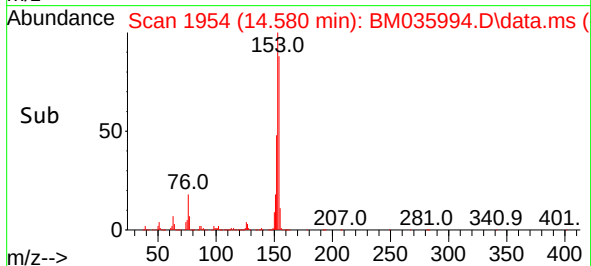
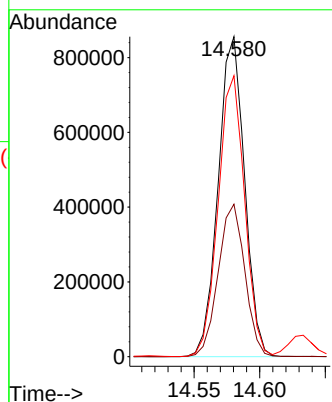
Tgt Ion:153 Resp: 1197586

Ion Ratio Lower Upper

153 100

152 47.7 37.1 55.7

154 87.8 71.3 106.9



#53

2,4-Dinitrophenol

Concen: 17.196 ng/ul

RT: 14.633 min Scan# 1963

Delta R.T. 0.000 min

Lab File: BM035994.D

Acq: 29 Jul 2022 16:03

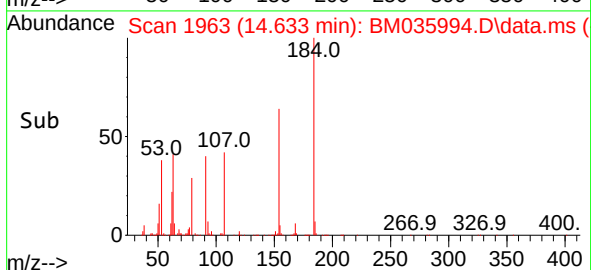
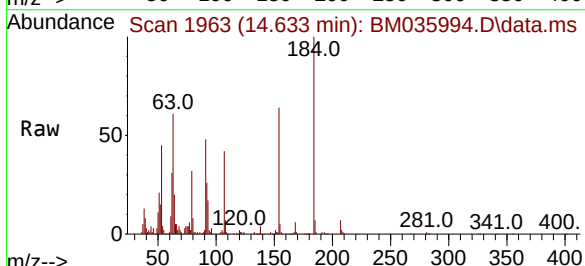
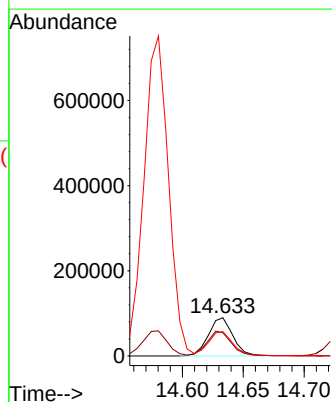
Tgt Ion:184 Resp: 126140

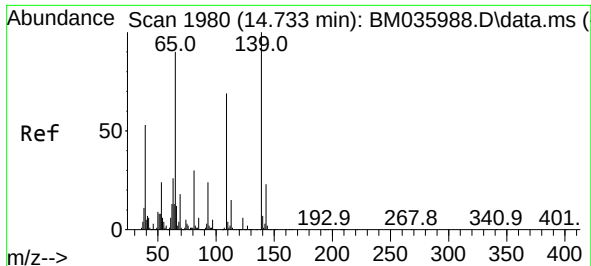
Ion Ratio Lower Upper

184 100

63 60.7 54.2 81.4

154 63.6 49.3 73.9

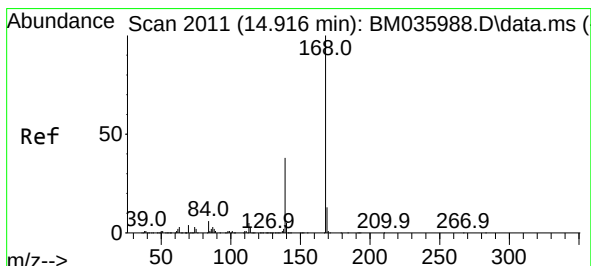
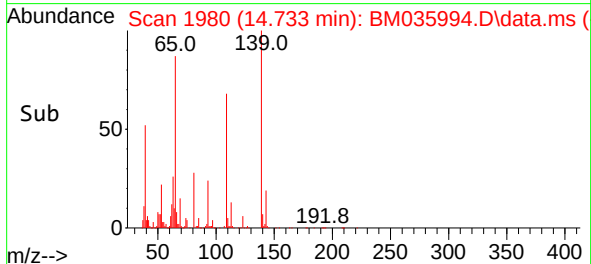
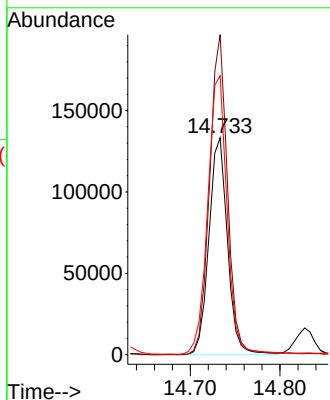
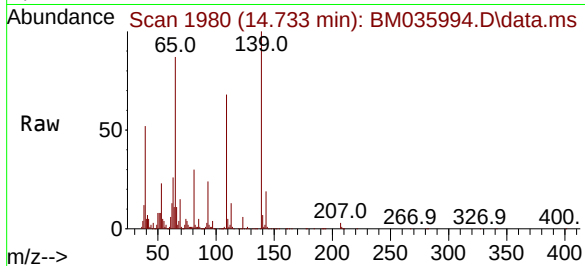




#55
4-Nitrophenol
Concen: 18.861 ng/ul
RT: 14.733 min Scan# 1980
Delta R.T. 0.000 min
Lab File: BM035994.D
Acq: 29 Jul 2022 16:03

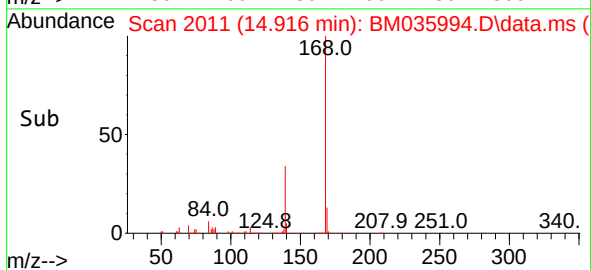
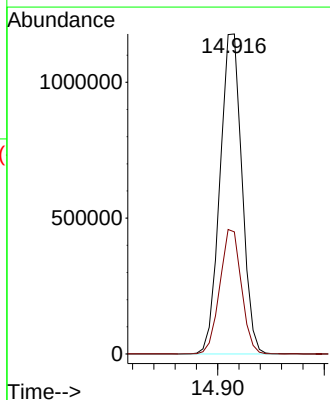
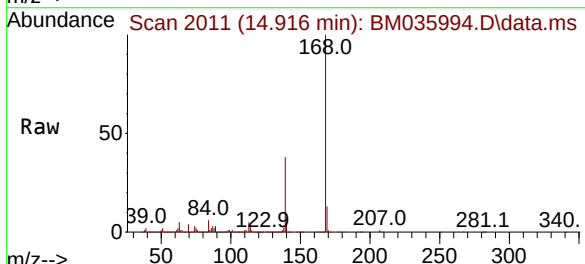
Instrument :
BNA_M
ClientSampleId :

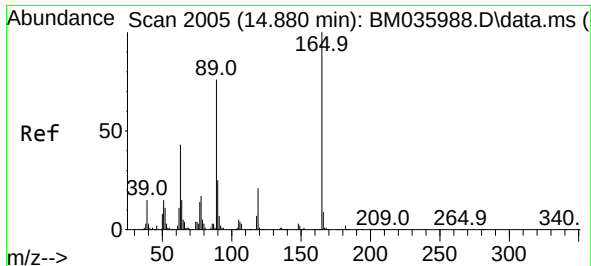
Tgt Ion:109 Resp: 191639
Ion Ratio Lower Upper
109 100
139 147.5 124.9 187.3
65 128.6 122.2 183.4



#56
Dibenzofuran
Concen: 20.553 ng/ul
RT: 14.916 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BM035994.D
Acq: 29 Jul 2022 16:03

Tgt Ion:168 Resp: 1684637
Ion Ratio Lower Upper
168 100
139 38.2 30.1 45.1





#57

2,4-Dinitrotoluene

Concen: 21.295 ng/ul

RT: 14.880 min Scan# 2005

Delta R.T. 0.000 min

Lab File: BM035994.D

Acq: 29 Jul 2022 16:03

Instrument :

BNA_M

ClientSampleId :

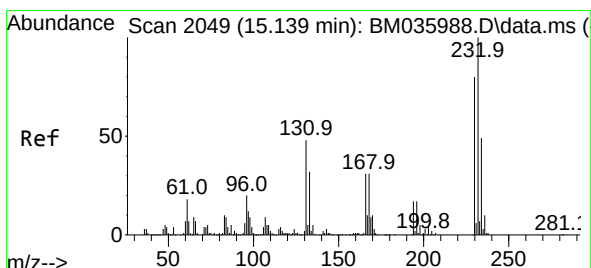
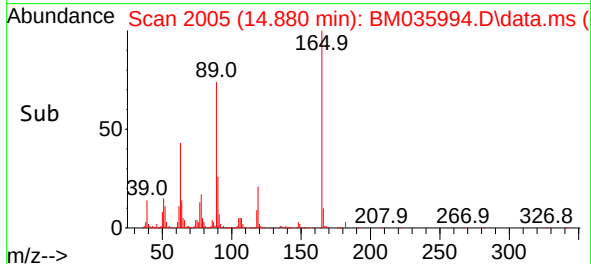
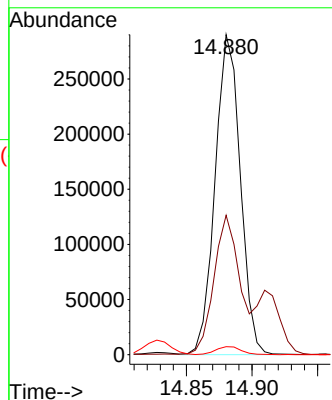
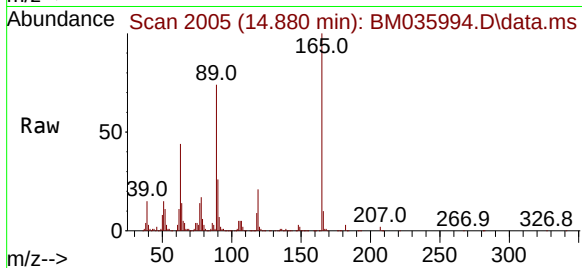
Tgt Ion:165 Resp: 387816

Ion Ratio Lower Upper

165 100

63 43.5 35.9 53.9

182 2.5 2.5 3.7



#58

2,3,4,6-Tetrachlorophenol

Concen: 21.704 ng/ul

RT: 15.139 min Scan# 2049

Delta R.T. 0.000 min

Lab File: BM035994.D

Acq: 29 Jul 2022 16:03

Tgt Ion:232 Resp: 314801

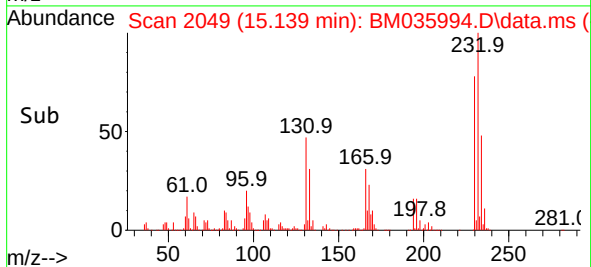
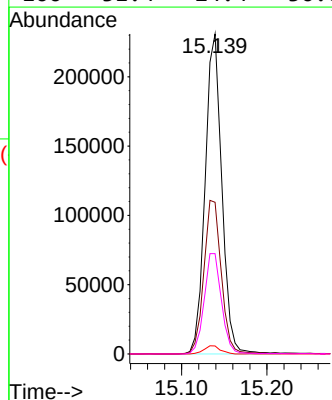
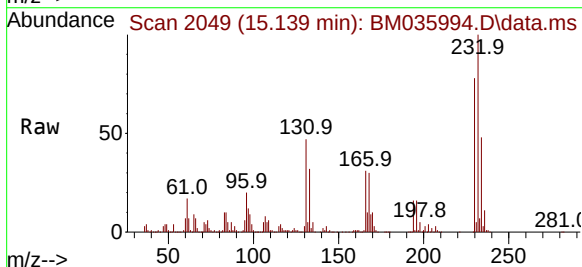
Ion Ratio Lower Upper

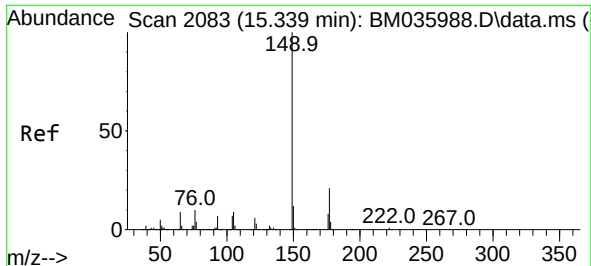
232 100

131 47.4 36.7 55.1

130 2.5 1.7 2.5#

166 31.4 24.4 36.6

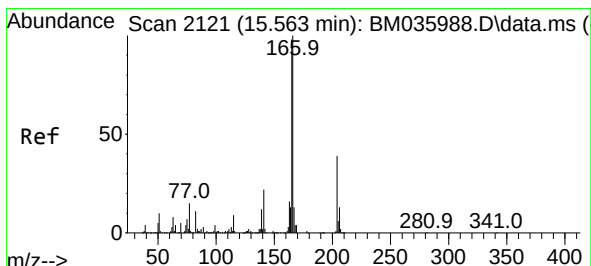
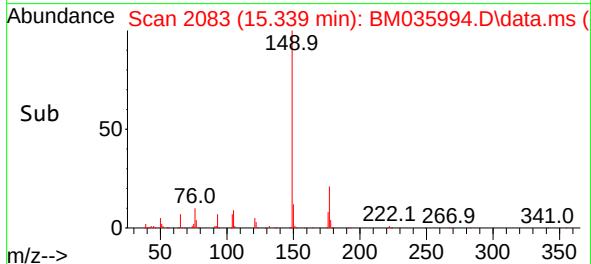
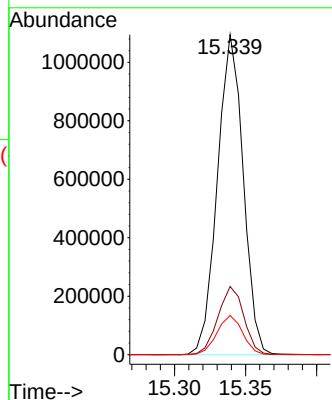
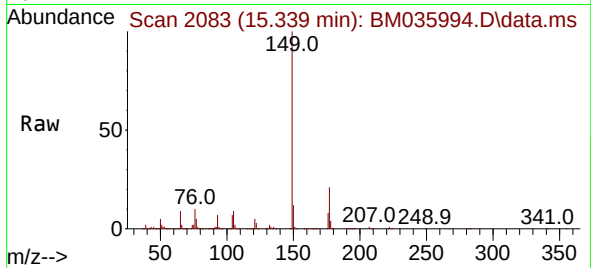




#59
Diethylphthalate
Concen: 20.984 ng/ul
RT: 15.339 min Scan# 2083
Delta R.T. 0.000 min
Lab File: BM035994.D
Acq: 29 Jul 2022 16:03

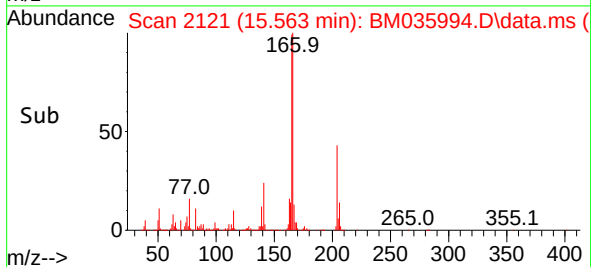
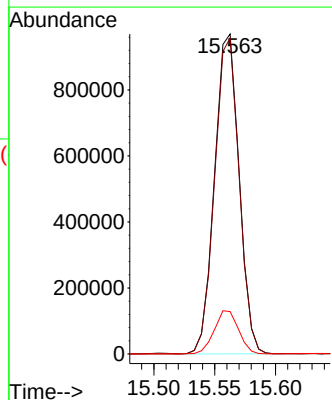
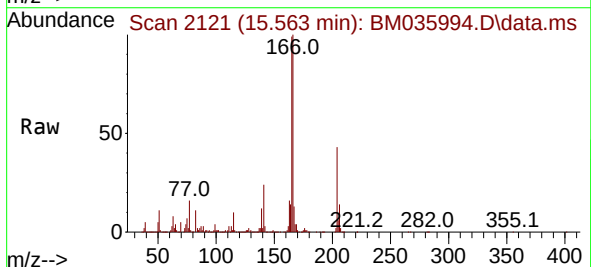
Instrument :
BNA_M
ClientSampleId :

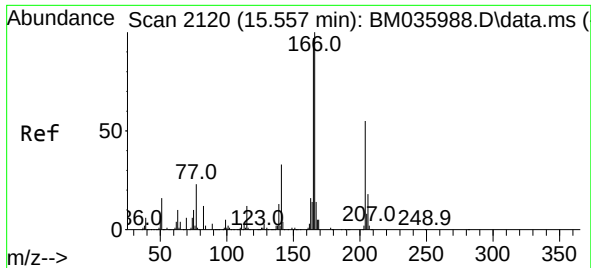
Tgt Ion:149 Resp: 1381229
Ion Ratio Lower Upper
149 100
177 21.3 16.8 25.2
150 12.2 10.2 15.4



#61
Fluorene
Concen: 20.317 ng/ul
RT: 15.563 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BM035994.D
Acq: 29 Jul 2022 16:03

Tgt Ion:166 Resp: 1360331
Ion Ratio Lower Upper
166 100
165 98.7 77.2 115.8
167 13.3 11.0 16.4

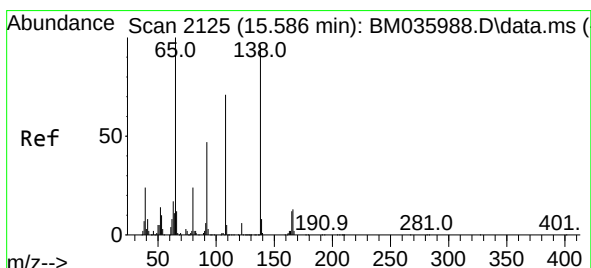
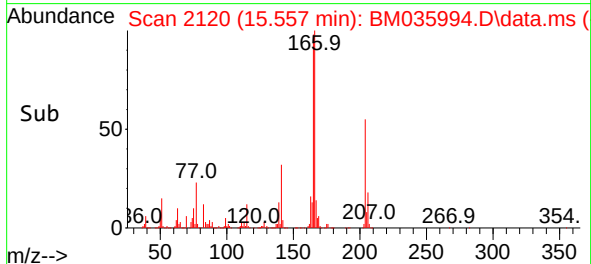
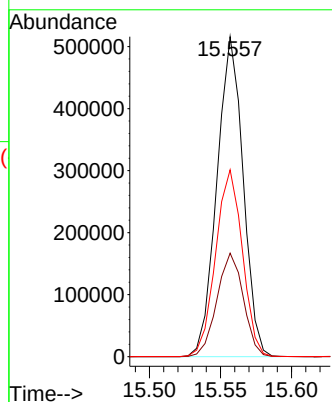
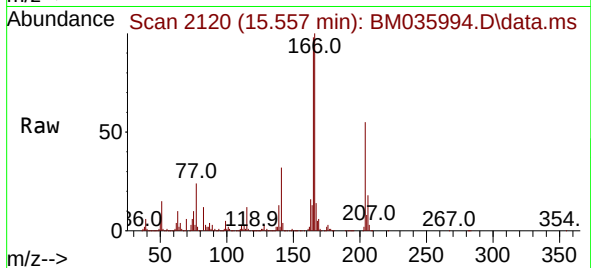




#62
4-Chlorophenyl-phenylether
Concen: 20.653 ng/ul
RT: 15.557 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BM035994.D
Acq: 29 Jul 2022 16:03

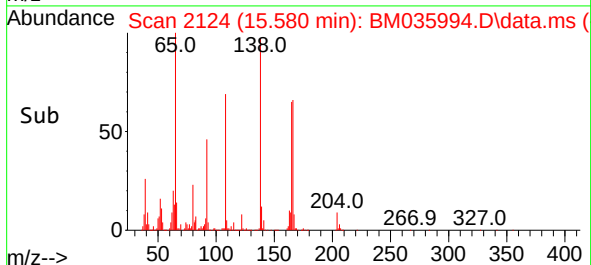
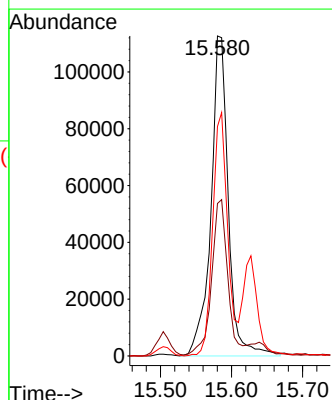
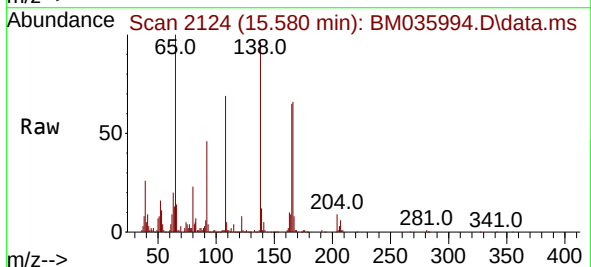
Instrument :
BNA_M
ClientSampleId :

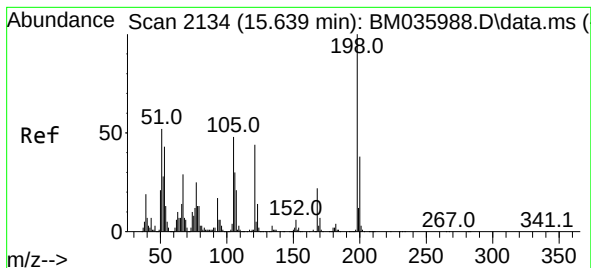
Tgt Ion:204 Resp: 662545
Ion Ratio Lower Upper
204 100
206 32.3 25.9 38.9
141 58.4 50.6 75.8



#63
4-Nitroaniline
Concen: 14.575 ng/ul
RT: 15.580 min Scan# 2124
Delta R.T. -0.006 min
Lab File: BM035994.D
Acq: 29 Jul 2022 16:03

Tgt Ion:138 Resp: 191590
Ion Ratio Lower Upper
138 100
92 47.6 39.2 58.8
108 71.7 51.6 77.4

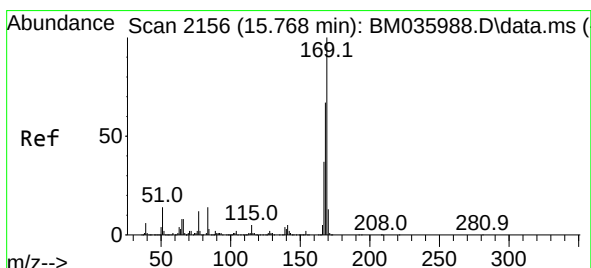
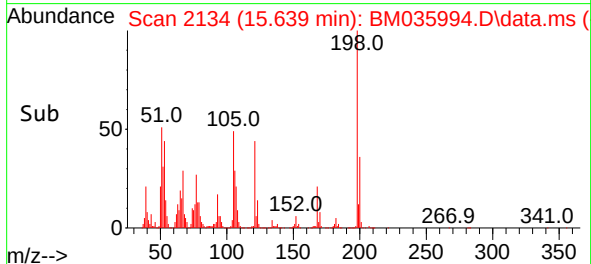
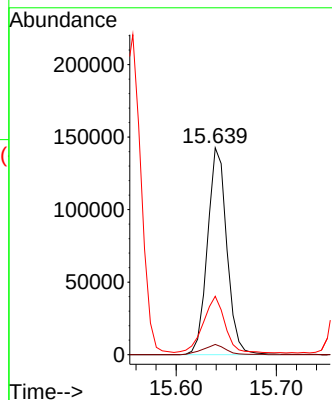
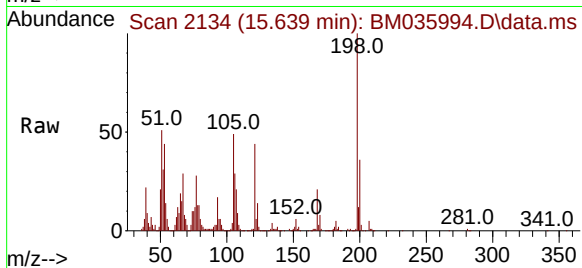




#66
 4,6-Dinitro-2-methylphenol
 Concen: 18.674 ng/ul
 RT: 15.639 min Scan# 2134
 Delta R.T. 0.000 min
 Lab File: BM035994.D
 Acq: 29 Jul 2022 16:03

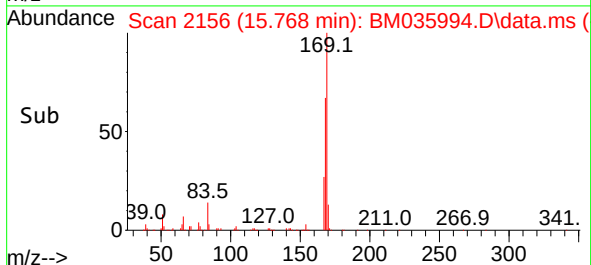
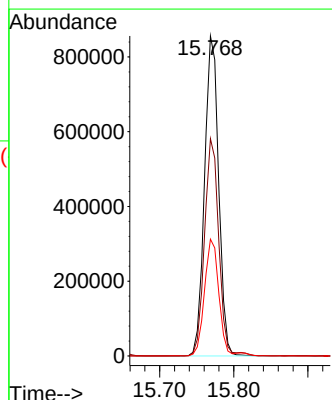
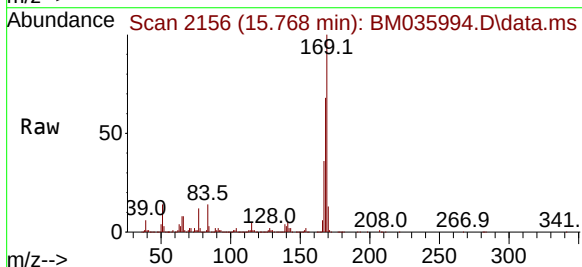
Instrument :
 BNA_M
 ClientSampleId :

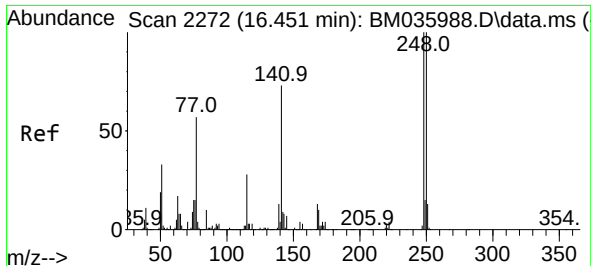
Tgt Ion:198 Resp: 191590
 Ion Ratio Lower Upper
 198 100
 182 5.0 4.2 6.4
 77 28.2 19.9 29.9



#67
 N-Nitrosodiphenylamine
 Concen: 20.186 ng/ul
 RT: 15.768 min Scan# 2156
 Delta R.T. 0.000 min
 Lab File: BM035994.D
 Acq: 29 Jul 2022 16:03

Tgt Ion:169 Resp: 1131966
 Ion Ratio Lower Upper
 169 100
 168 67.9 53.8 80.6
 167 36.5 28.7 43.1

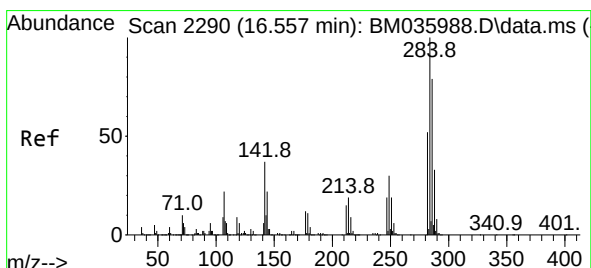
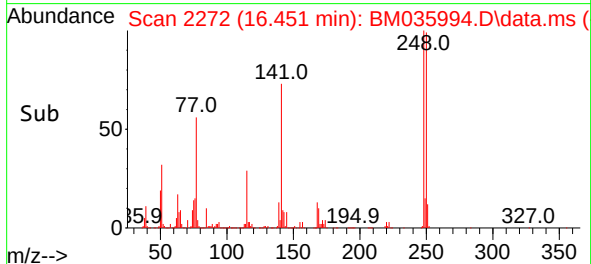
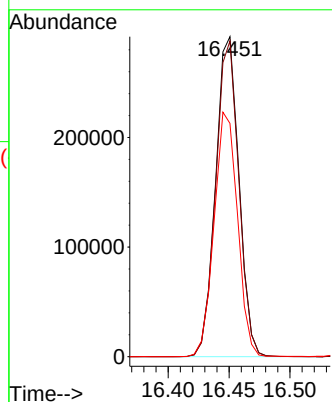
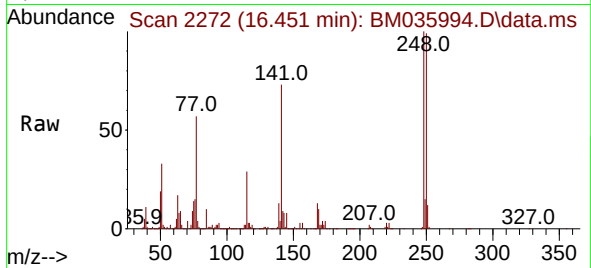




#68
4-Bromophenyl-phenylether
Concen: 20.881 ng/ul
RT: 16.451 min Scan# 211
Delta R.T. 0.000 min
Lab File: BM035994.D
Acq: 29 Jul 2022 16:03

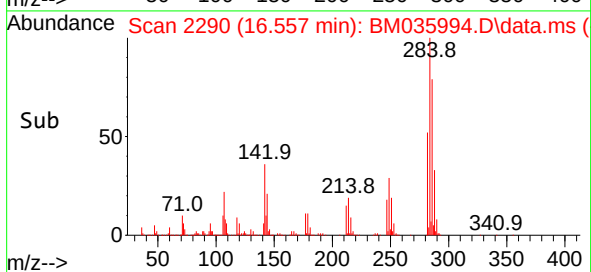
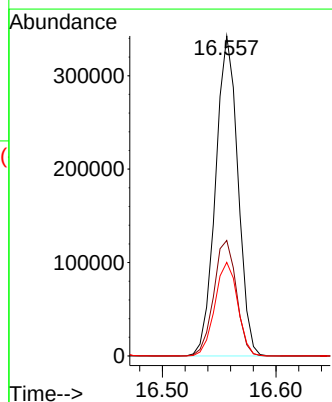
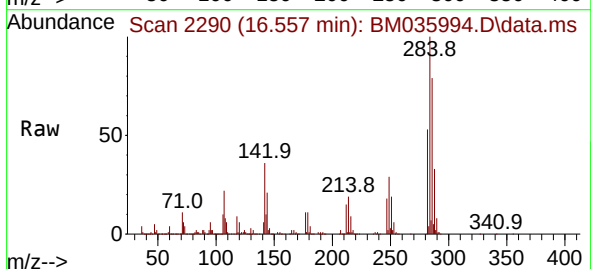
Instrument :
BNA_M
ClientSampleId :

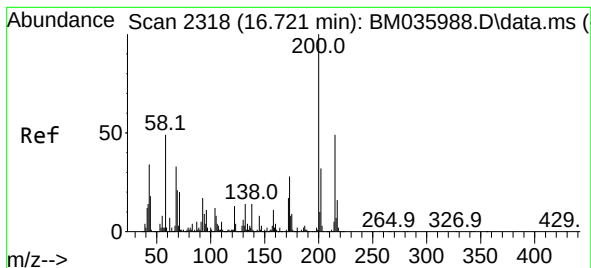
Tgt Ion:248 Resp: 390472
Ion Ratio Lower Upper
248 100
250 98.6 77.3 115.9
141 72.9 59.8 89.8



#69
Hexachlorobenzene
Concen: 20.576 ng/ul
RT: 16.557 min Scan# 2290
Delta R.T. 0.000 min
Lab File: BM035994.D
Acq: 29 Jul 2022 16:03

Tgt Ion:284 Resp: 468799
Ion Ratio Lower Upper
284 100
142 36.1 28.6 42.8
249 29.3 24.6 37.0





#70

Atrazine

Concen: 20.287 ng/ul

RT: 16.721 min Scan# 2318

Delta R.T. 0.000 min

Lab File: BM035994.D

Acq: 29 Jul 2022 16:03

Instrument :

BNA_M

ClientSampleId :

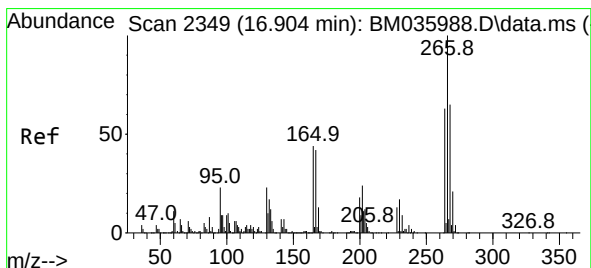
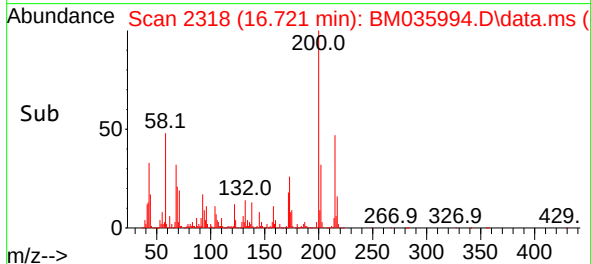
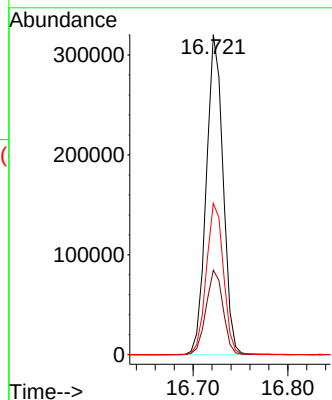
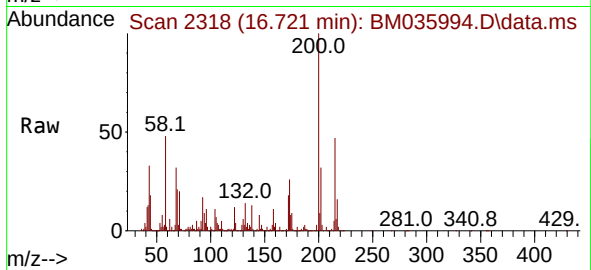
Tgt Ion:200 Resp: 394580

Ion Ratio Lower Upper

200 100

173 26.4 21.3 31.9

215 47.3 39.0 58.6



#71

Pentachlorophenol

Concen: 19.857 ng/ul

RT: 16.904 min Scan# 2349

Delta R.T. 0.000 min

Lab File: BM035994.D

Acq: 29 Jul 2022 16:03

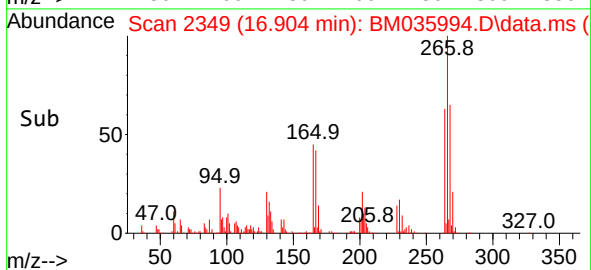
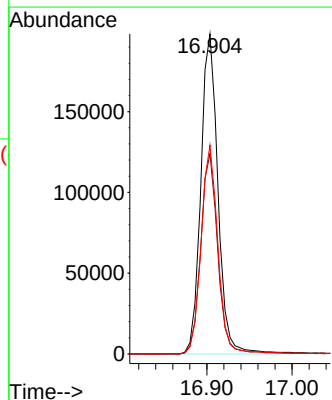
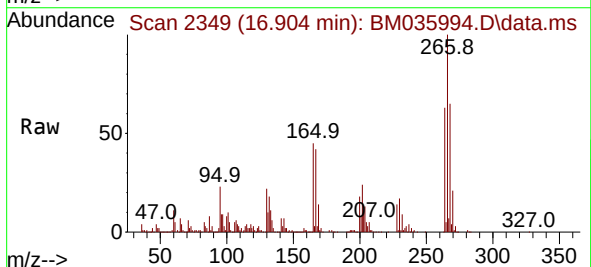
Tgt Ion:266 Resp: 276387

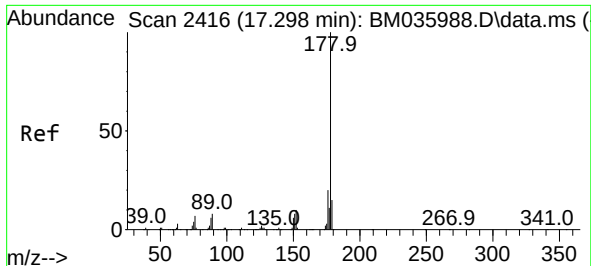
Ion Ratio Lower Upper

266 100

264 62.6 49.5 74.3

268 65.3 51.0 76.4

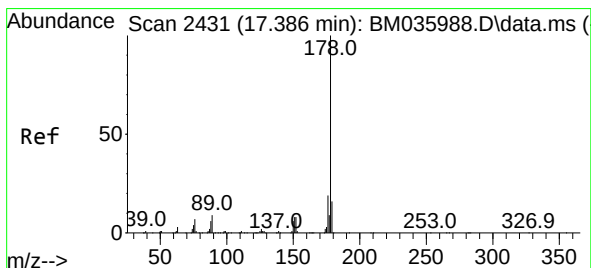
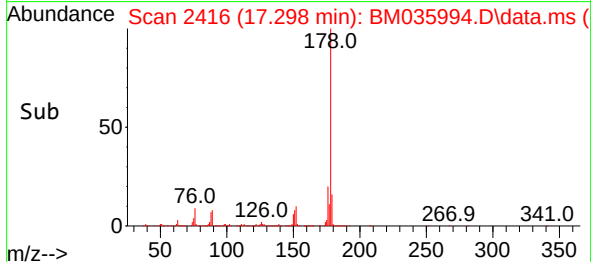
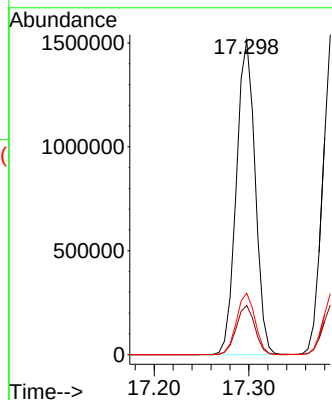
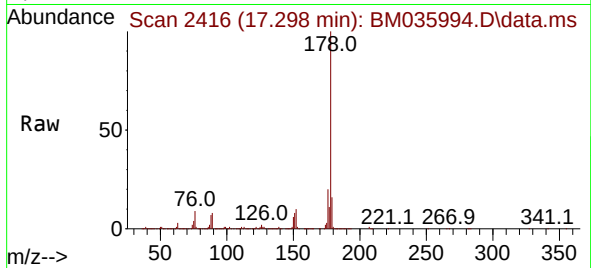




#72
Phenanthrene
Concen: 20.361 ng/ul
RT: 17.298 min Scan# 2416
Delta R.T. 0.000 min
Lab File: BM035994.D
Acq: 29 Jul 2022 16:03

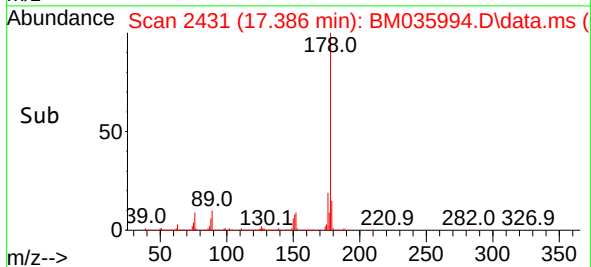
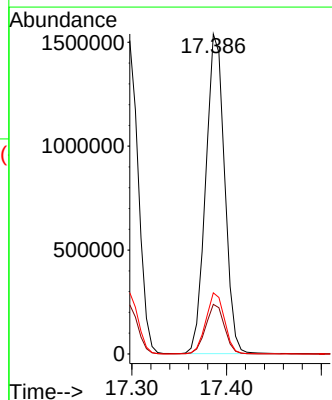
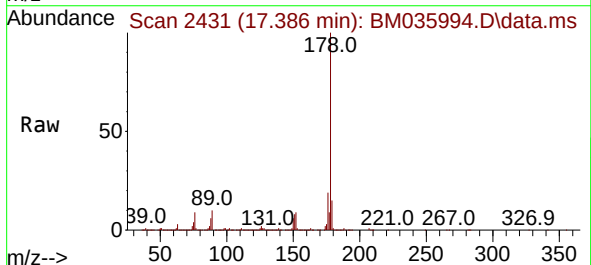
Instrument :
BNA_M
ClientSampleId :

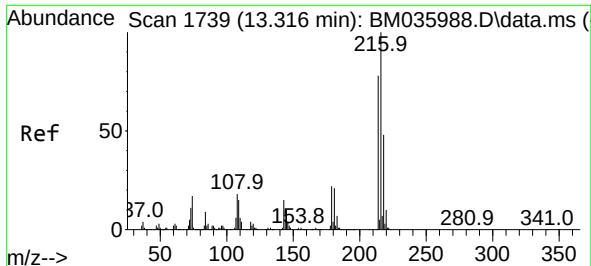
Tgt Ion:178 Resp: 2081534
Ion Ratio Lower Upper
178 100
179 15.7 12.2 18.2
176 19.6 14.9 22.3



#74
Anthracene
Concen: 20.672 ng/ul
RT: 17.386 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BM035994.D
Acq: 29 Jul 2022 16:03

Tgt Ion:178 Resp: 2120575
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.2
176 19.1 14.4 21.6

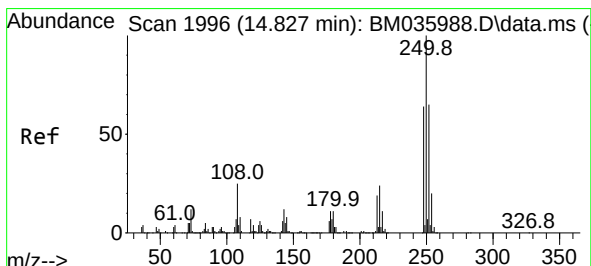
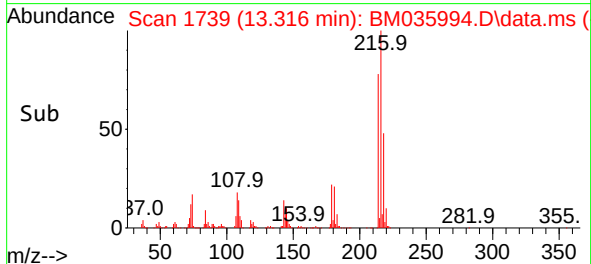
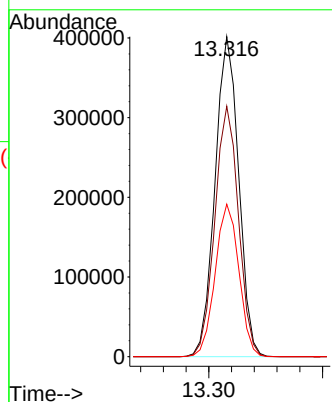
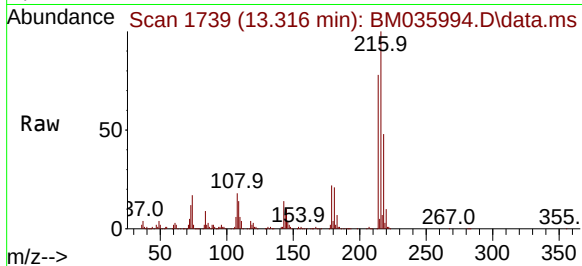




#75
1,2,3,4-Tetrachlorobenzene
Concen: 19.578 ng/uL
RT: 13.316 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BM035994.D
Acq: 29 Jul 2022 16:03

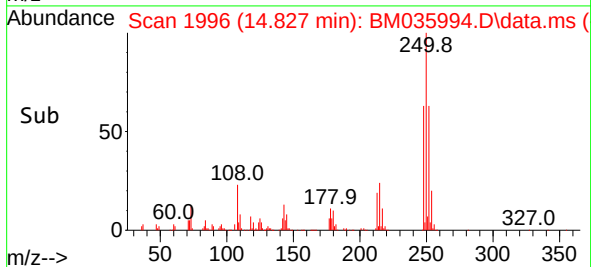
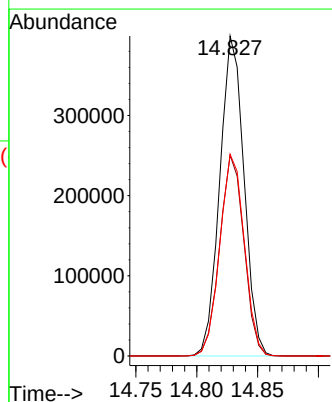
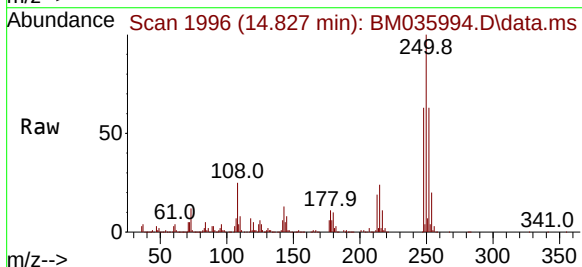
Instrument :
BNA_M
ClientSampleId :

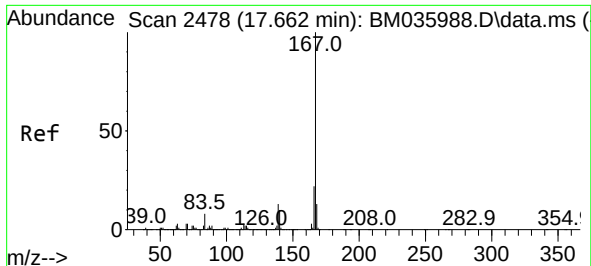
Tgt Ion:216 Resp: 580715
Ion Ratio Lower Upper
216 100
214 78.2 60.9 91.3
218 47.7 37.5 56.3



#76
Pentachlorobenzene
Concen: 20.563 ng/uL
RT: 14.827 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BM035994.D
Acq: 29 Jul 2022 16:03

Tgt Ion:250 Resp: 552899
Ion Ratio Lower Upper
250 100
248 62.8 50.4 75.6
252 63.0 51.1 76.7

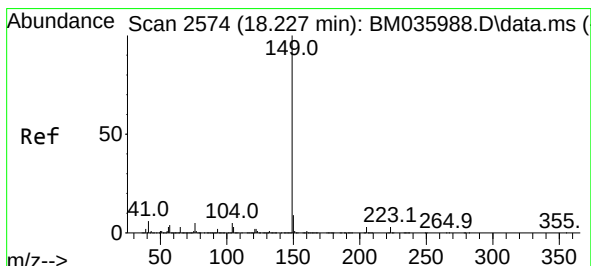
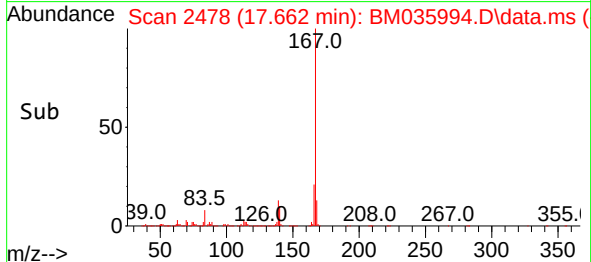
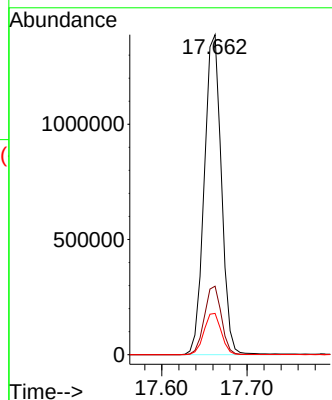
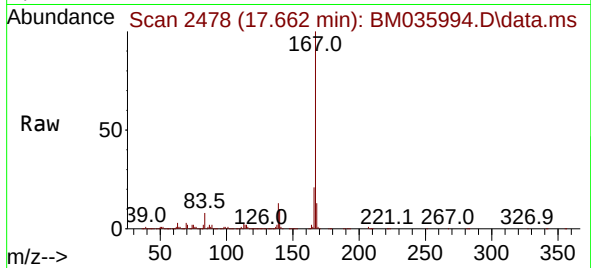




#77
 Carbazole
 Concen: 20.415 ng/ul
 RT: 17.662 min Scan# 2478
 Delta R.T. 0.000 min
 Lab File: BM035994.D
 Acq: 29 Jul 2022 16:03

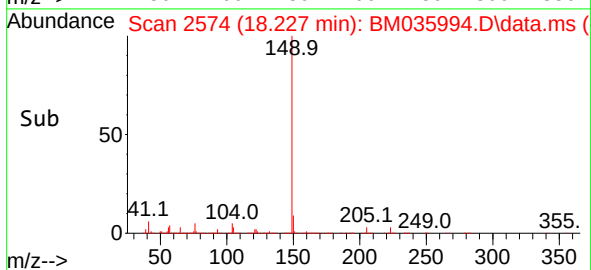
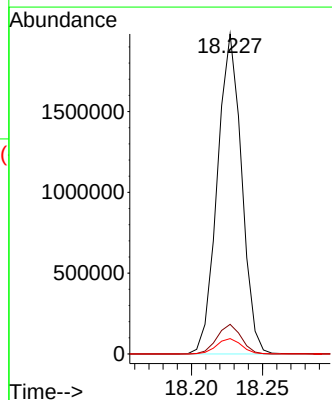
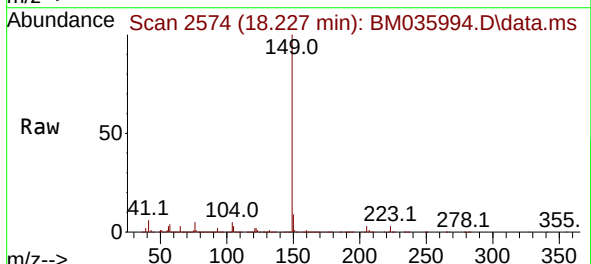
Instrument :
 BNA_M
 ClientSampleId :

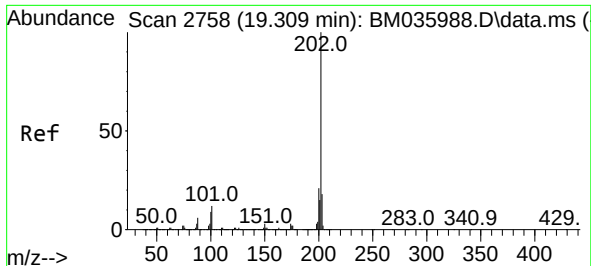
Tgt Ion:167 Resp: 1934296
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.0
 139 12.9 10.1 15.1



#78
 Di-n-butylphthalate
 Concen: 22.012 ng/ul
 RT: 18.227 min Scan# 2574
 Delta R.T. 0.000 min
 Lab File: BM035994.D
 Acq: 29 Jul 2022 16:03

Tgt Ion:149 Resp: 2353048
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 4.8 3.7 5.5

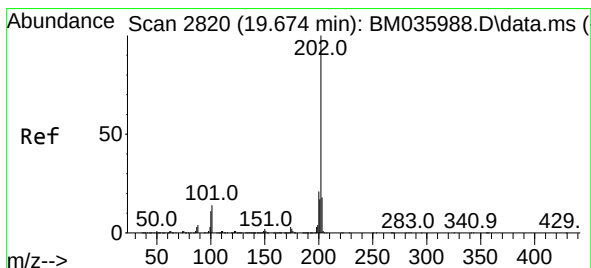
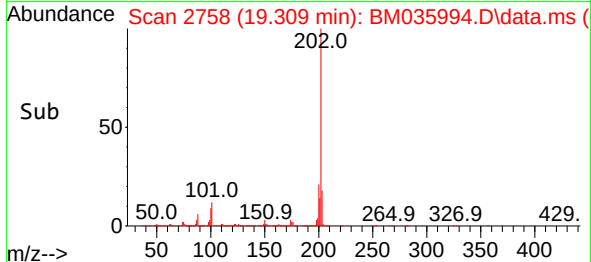
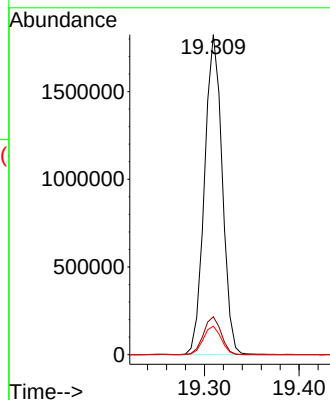
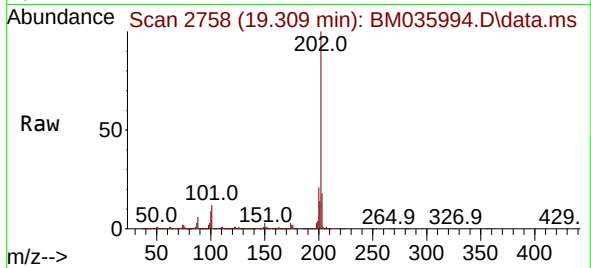




#80
Fluoranthene
Concen: 20.088 ng/u1
RT: 19.309 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM035994.D
Acq: 29 Jul 2022 16:03

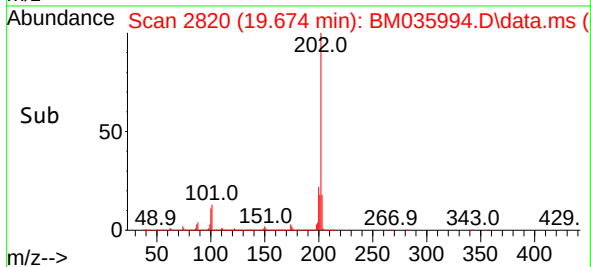
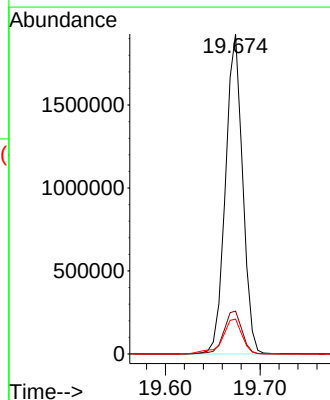
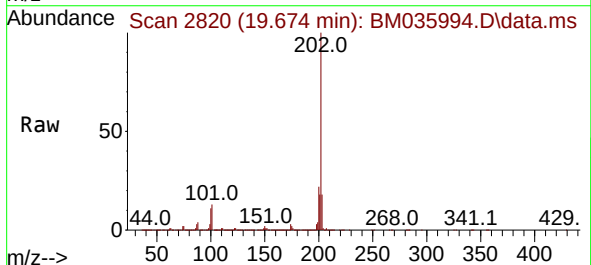
Instrument :
BNA_M
ClientSampleId :

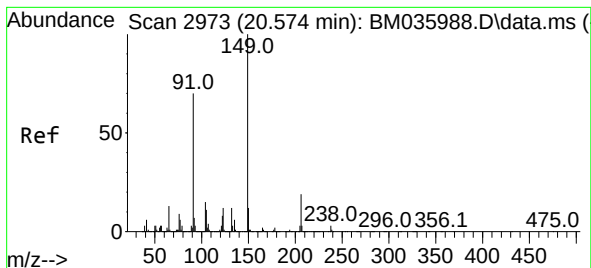
Tgt Ion:202 Resp: 2366708
Ion Ratio Lower Upper
202 100
101 11.8 10.1 15.1
100 8.9 7.8 11.6



#82
Pyrene
Concen: 19.990 ng/u1
RT: 19.674 min Scan# 2820
Delta R.T. 0.000 min
Lab File: BM035994.D
Acq: 29 Jul 2022 16:03

Tgt Ion:202 Resp: 2427559
Ion Ratio Lower Upper
202 100
101 13.4 11.9 17.9
100 10.9 10.2 15.4





#83

Butylbenzylphthalate

Concen: 22.601 ng/ul

RT: 20.574 min Scan# 2973

Delta R.T. 0.000 min

Lab File: BM035994.D

Acq: 29 Jul 2022 16:03

Instrument :

BNA_M

ClientSampleId :

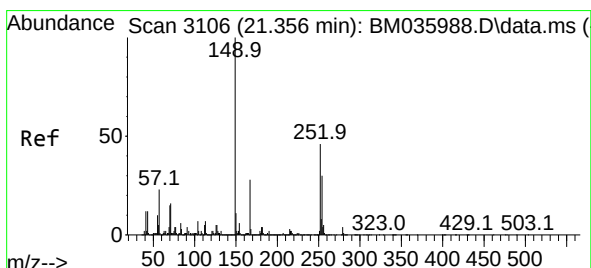
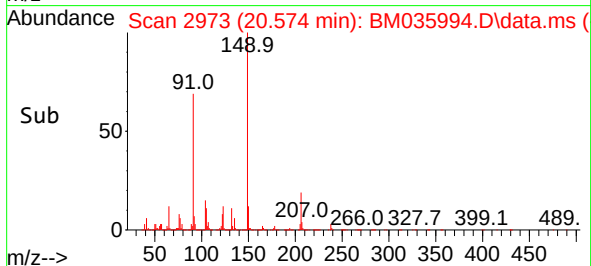
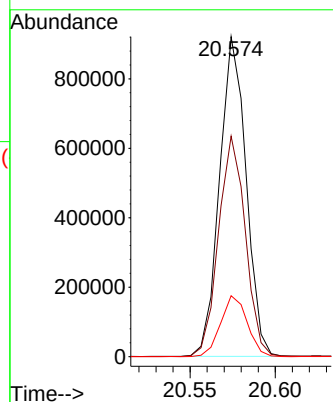
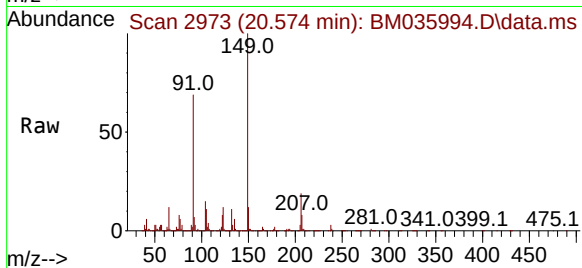
Tgt Ion:149 Resp: 998224

Ion Ratio Lower Upper

149 100

91 68.9 53.2 79.8

206 19.1 16.0 24.0



#84

3,3'-Dichlorobenzidine

Concen: 20.340 ng/ul

RT: 21.356 min Scan# 3106

Delta R.T. 0.000 min

Lab File: BM035994.D

Acq: 29 Jul 2022 16:03

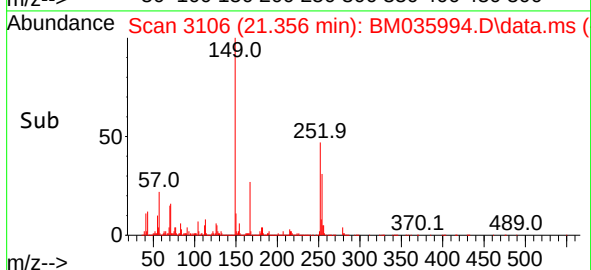
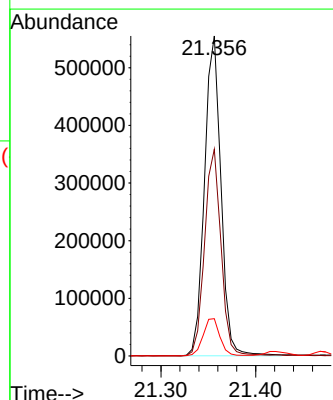
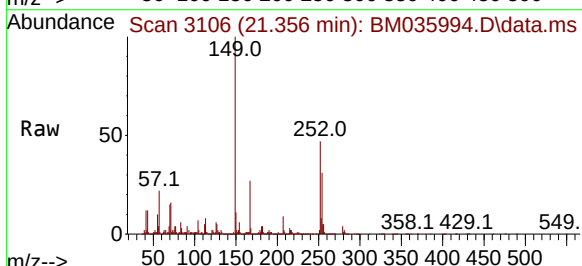
Tgt Ion:252 Resp: 667830

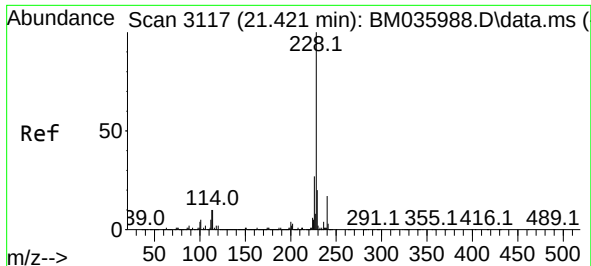
Ion Ratio Lower Upper

252 100

254 64.6 52.4 78.6

126 11.7 10.8 16.2

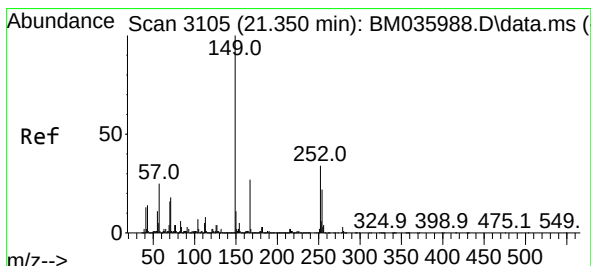
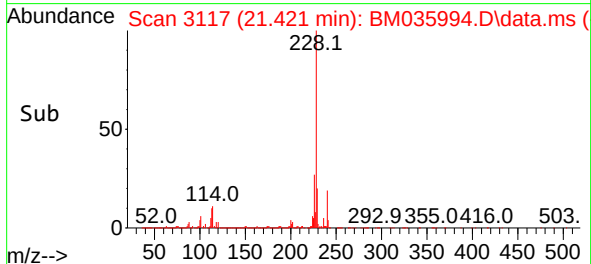
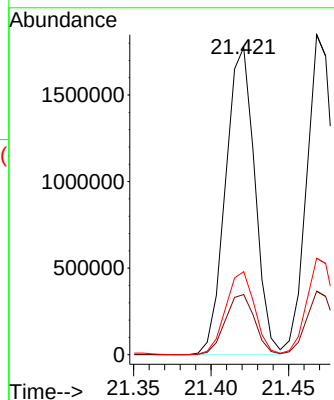
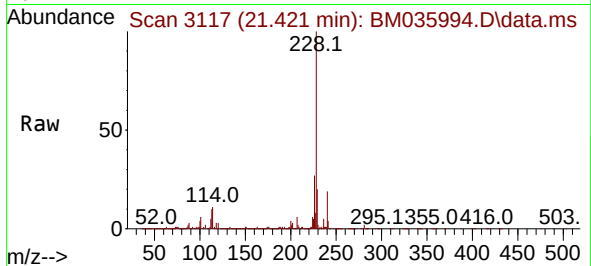




#85
Benzo(a)anthracene
Concen: 20.800 ng/ul
RT: 21.421 min Scan# 3117
Delta R.T. 0.000 min
Lab File: BM035994.D
Acq: 29 Jul 2022 16:03

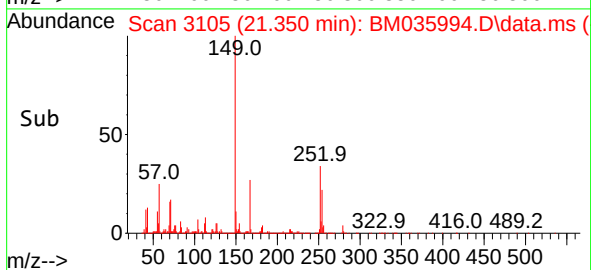
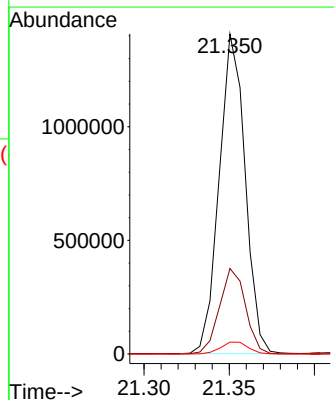
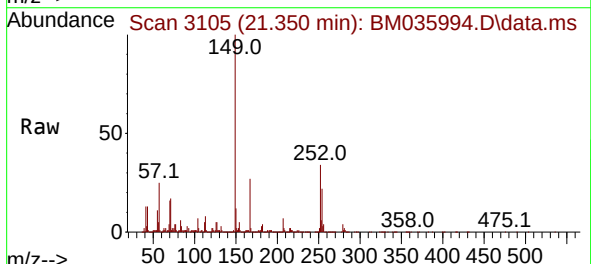
Instrument :
BNA_M
ClientSampleId :

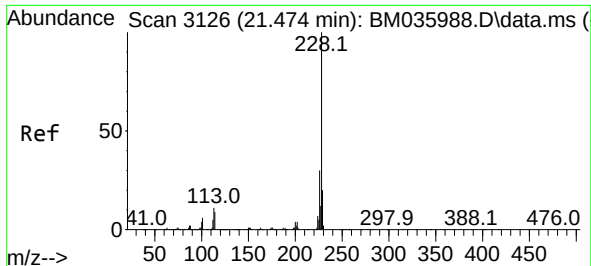
Tgt Ion:228 Resp: 2329322
Ion Ratio Lower Upper
228 100
229 19.6 15.6 23.4
226 27.0 21.7 32.5



#86
Bis(2-ethylhexyl)phthalate
Concen: 23.306 ng/ul
RT: 21.350 min Scan# 3105
Delta R.T. 0.000 min
Lab File: BM035994.D
Acq: 29 Jul 2022 16:03

Tgt Ion:149 Resp: 1487333
Ion Ratio Lower Upper
149 100
167 26.7 21.5 32.3
279 3.7 3.4 5.2

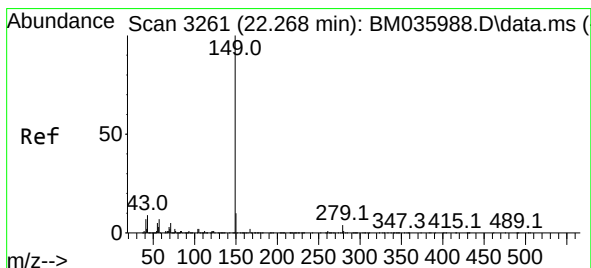
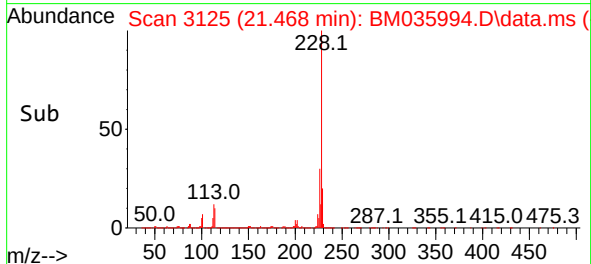
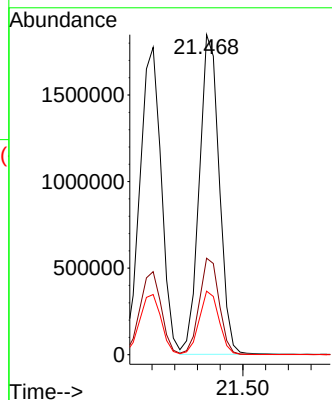
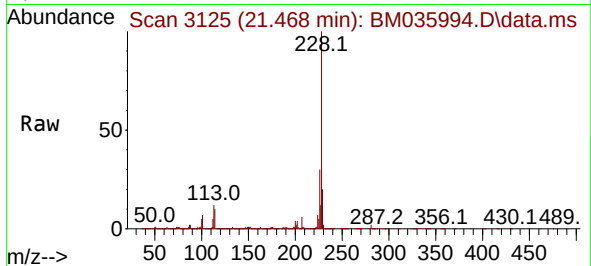




#87
Chrysene
Concen: 20.580 ng/ul
RT: 21.468 min Scan# 3126
Delta R.T. -0.006 min
Lab File: BM035994.D
Acq: 29 Jul 2022 16:03

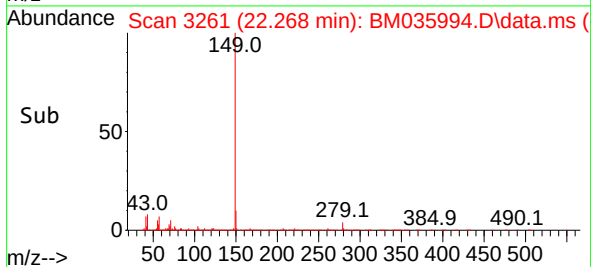
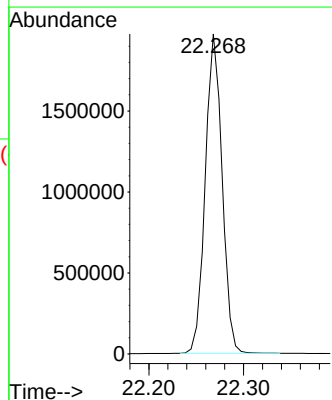
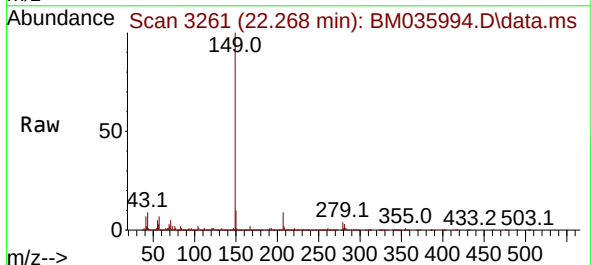
Instrument :
BNA_M
ClientSampleId :

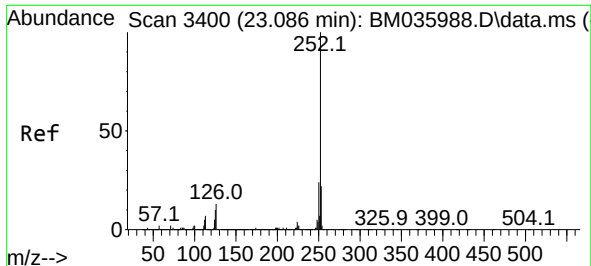
Tgt Ion:228 Resp: 2248797
Ion Ratio Lower Upper
228 100
226 30.2 23.7 35.5
229 19.9 15.5 23.3



#89
Di-n-octyl phthalate
Concen: 20.758 ng/ul
RT: 22.268 min Scan# 3261
Delta R.T. 0.000 min
Lab File: BM035994.D
Acq: 29 Jul 2022 16:03

Tgt Ion:149 Resp: 2431580

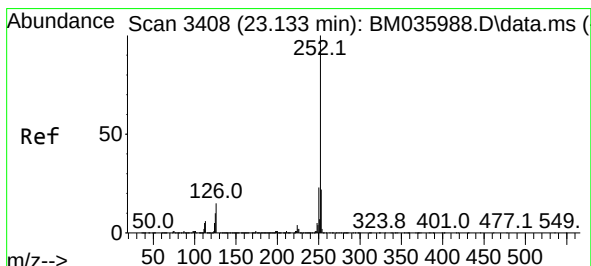
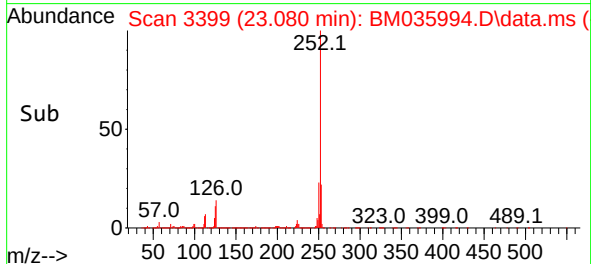
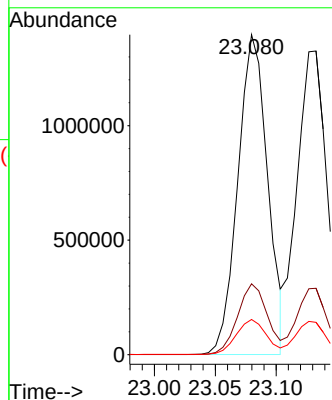
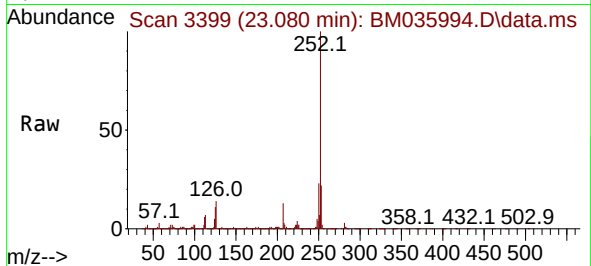




#90
Benzo(b)fluoranthene
Concen: 19.591 ng/ul
RT: 23.080 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM035994.D
Acq: 29 Jul 2022 16:03

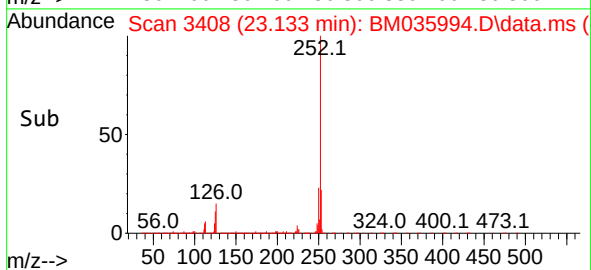
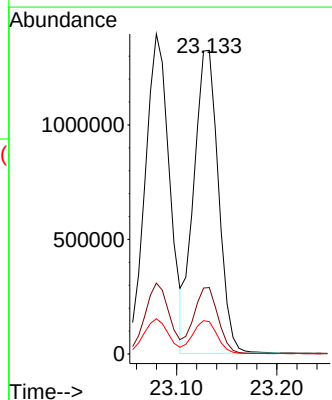
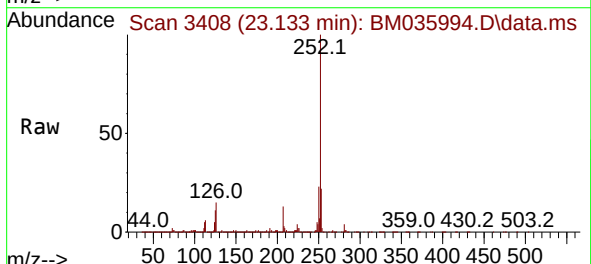
Instrument :
BNA_M
ClientSampleId :

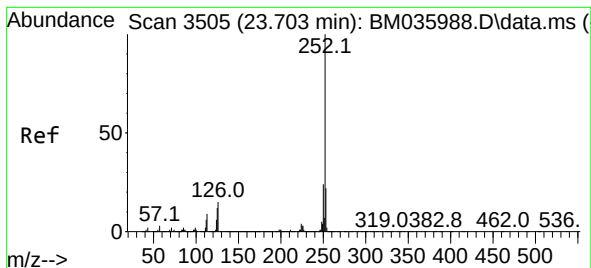
Tgt Ion:252 Resp: 2371668
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 11.0 10.7 16.1



#91
Benzo(k)fluoranthene
Concen: 19.738 ng/ul
RT: 23.133 min Scan# 3408
Delta R.T. 0.000 min
Lab File: BM035994.D
Acq: 29 Jul 2022 16:03

Tgt Ion:252 Resp: 2267531
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 10.6 10.6 15.8





#93

Benzo(a)pyrene

Concen: 20.264 ng/ul

RT: 23.697 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM035994.D

Acq: 29 Jul 2022 16:03

Instrument :

BNA_M

ClientSampleId :

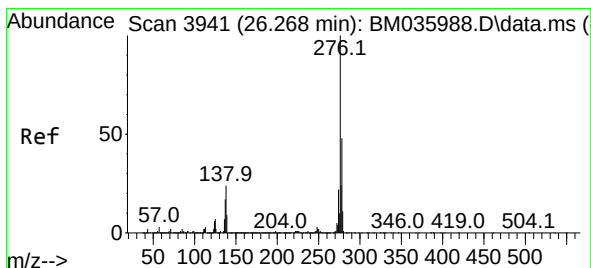
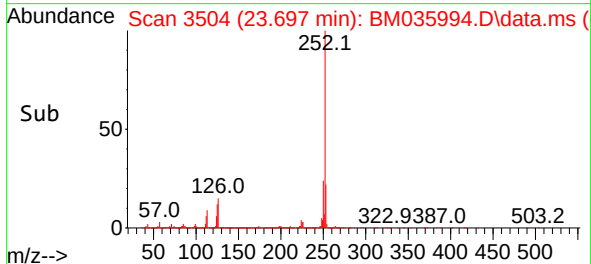
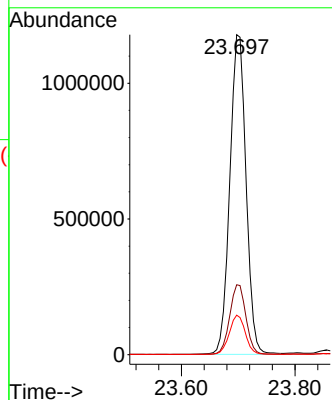
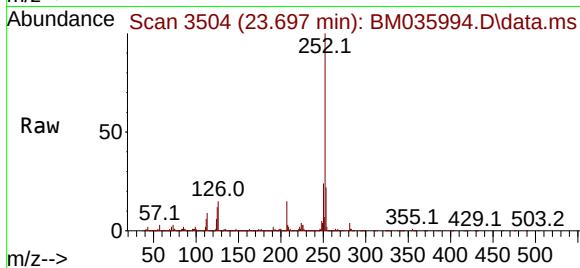
Tgt Ion:252 Resp: 2336622

Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 12.3 11.8 17.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 21.945 ng/ul

RT: 26.274 min Scan# 3942

Delta R.T. 0.006 min

Lab File: BM035994.D

Acq: 29 Jul 2022 16:03

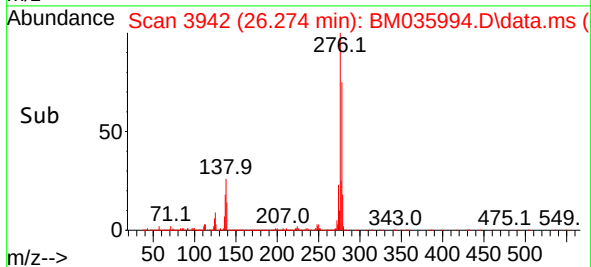
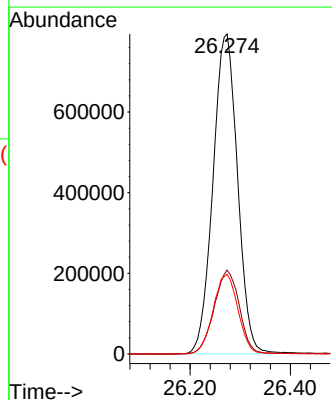
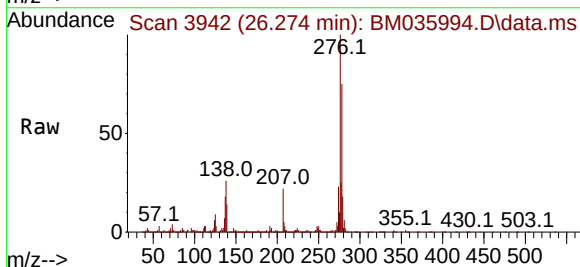
Tgt Ion:276 Resp: 2697172

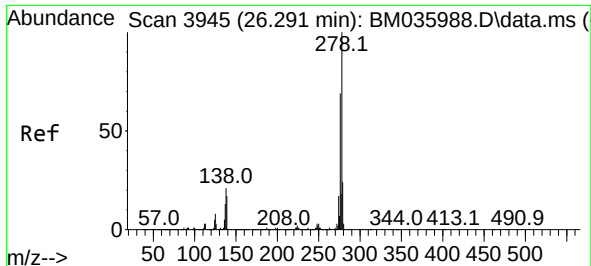
Ion Ratio Lower Upper

276 100

138 26.2 25.6 38.4

277 24.9 20.1 30.1

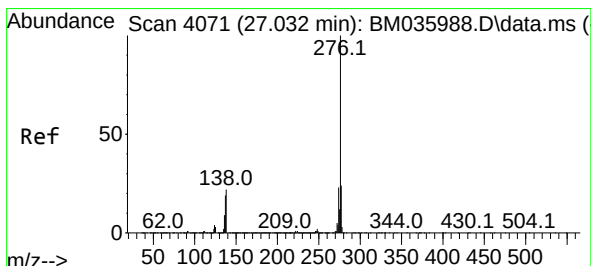
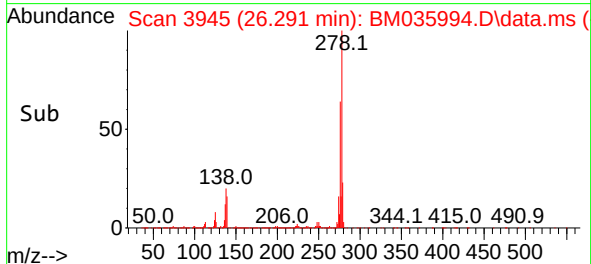
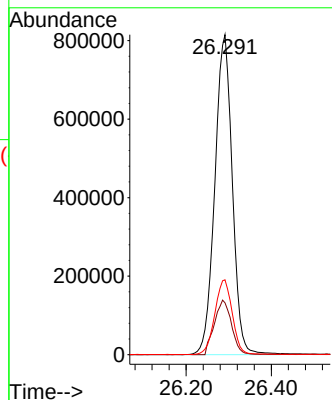
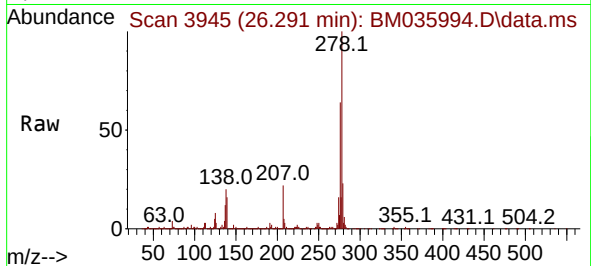




#95
Dibenzo(a,h)anthracene
Concen: 22.017 ng/ul
RT: 26.291 min Scan# 3945
Delta R.T. 0.000 min
Lab File: BM035994.D
Acq: 29 Jul 2022 16:03

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 2321610
Ion Ratio Lower Upper
278 100
139 16.2 16.2 24.2
279 23.4 18.7 28.1



#96
Benzo(g,h,i)perylene
Concen: 22.434 ng/ul
RT: 27.027 min Scan# 4070
Delta R.T. -0.006 min
Lab File: BM035994.D
Acq: 29 Jul 2022 16:03

Tgt Ion:276 Resp: 2284929
Ion Ratio Lower Upper
276 100
138 23.0 21.3 31.9
277 23.8 18.6 28.0

