

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041822\
 Data File : BM034719.D
 Acq On : 18 Apr 2022 15:14
 Operator : CG/JU
 Sample : SSTD16023
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 18 16:06:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Apr 18 15:40:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	115870	20.000	ng/ul	0.00
20) Naphthalene-d8	10.622	136	472729	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.463	164	271270	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	517384	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.392	240	524311	20.000	ng/ul	# 0.00
88) Perylene-d12	23.739	264	542359	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	200392	61.672	ng/uL	0.00
4) Pyridine-d5	3.681	84	61998	7.906	ng/ul	0.08
7) Phenol-d5	6.993	99	1745456	180.988	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.146	67	1094040	170.241	ng/ul	0.01
11) 2-Chlorophenol-d4	7.346	132	1353716	181.580	ng/ul	0.00
15) 4-Methylphenol-d8	8.545	113	1344040	178.412	ng/ul	0.02
21) Nitrobenzene-d5	8.981	128	655355	188.629	ng/ul	0.01
24) 2-Nitrophenol-d4	9.704	143	741904	205.105	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	1263699	185.534	ng/ul	0.01
31) 4-Chloroaniline-d4	10.763	131	1667145	177.417	ng/ul	0.00
46) Dimethylphthalate-d6	13.886	166	3319603	169.356	ng/ul	0.01
49) Acenaphthylene-d8	14.163	160	4430984	175.879	ng/ul	0.00
54) 4-Nitrophenol-d4	14.692	143	607967	203.416	ng/ul	0.02
60) Fluorene-d10	15.463	176	2834942	167.364	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	603070	190.935	ng/ul	0.01
73) Anthracene-d10	17.315	188	4286669	173.780	ng/ul	0.01
81) Pyrene-d10	19.604	212	4785277	167.220	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.597	264	4768344	174.780	ng/ul	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.205	88	202920	62.021	ng/uL#	75
5) Pyridine	3.652	79	1350717	157.636	ng/ul#	78
6) Benzaldehyde	6.940	77	799737	135.263	ng/ul	90
8) Phenol	7.022	94	1735732	178.157	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.240	93	1331763	169.380	ng/ul#	87
12) 2-Chlorophenol	7.381	128	1371647	180.492	ng/ul#	88
13) 2-Methylphenol	8.269	108	1285847	178.534	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.351	45	2017142	171.587	ng/ul#	85
16) Acetophenone	8.645	105	2075325	176.492	ng/ul#	89
17) N-Nitroso-di-n-propyla...	8.657	70	1112284	177.713	ng/ul#	86
18) 4-Methylphenol	8.616	108	1364377	178.076	ng/ul	99
19) Hexachloroethane	8.892	117	581546	170.134	ng/ul	83
22) Nitrobenzene	9.022	77	1634278	179.432	ng/ul	92
23) Isophorone	9.563	82	2942693	181.939	ng/ul#	92
25) 2-Nitrophenol	9.739	139	753511	194.490	ng/ul#	90
26) 2,4-Dimethylphenol	9.810	107	1525217	177.362	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.039	93	1714781	176.215	ng/ul	99
29) 2,4-Dichlorophenol	10.281	162	1205400	179.314	ng/ul	95
30) Naphthalene	10.669	128	4108835	166.955	ng/ul	98
32) 4-Chloroaniline	10.786	127	1677668	178.209	ng/ul	99
33) Hexachlorobutadiene	10.963	225	762507	161.338	ng/ul	98
34) Caprolactam	11.604	113	159742	73.148	ng/ul#	56
35) 4-Chloro-3-methylphenol	11.933	107	1312822	188.125	ng/ul	89
36) 2-Methylnaphthalene	12.286	142	2725253	172.780	ng/ul	100

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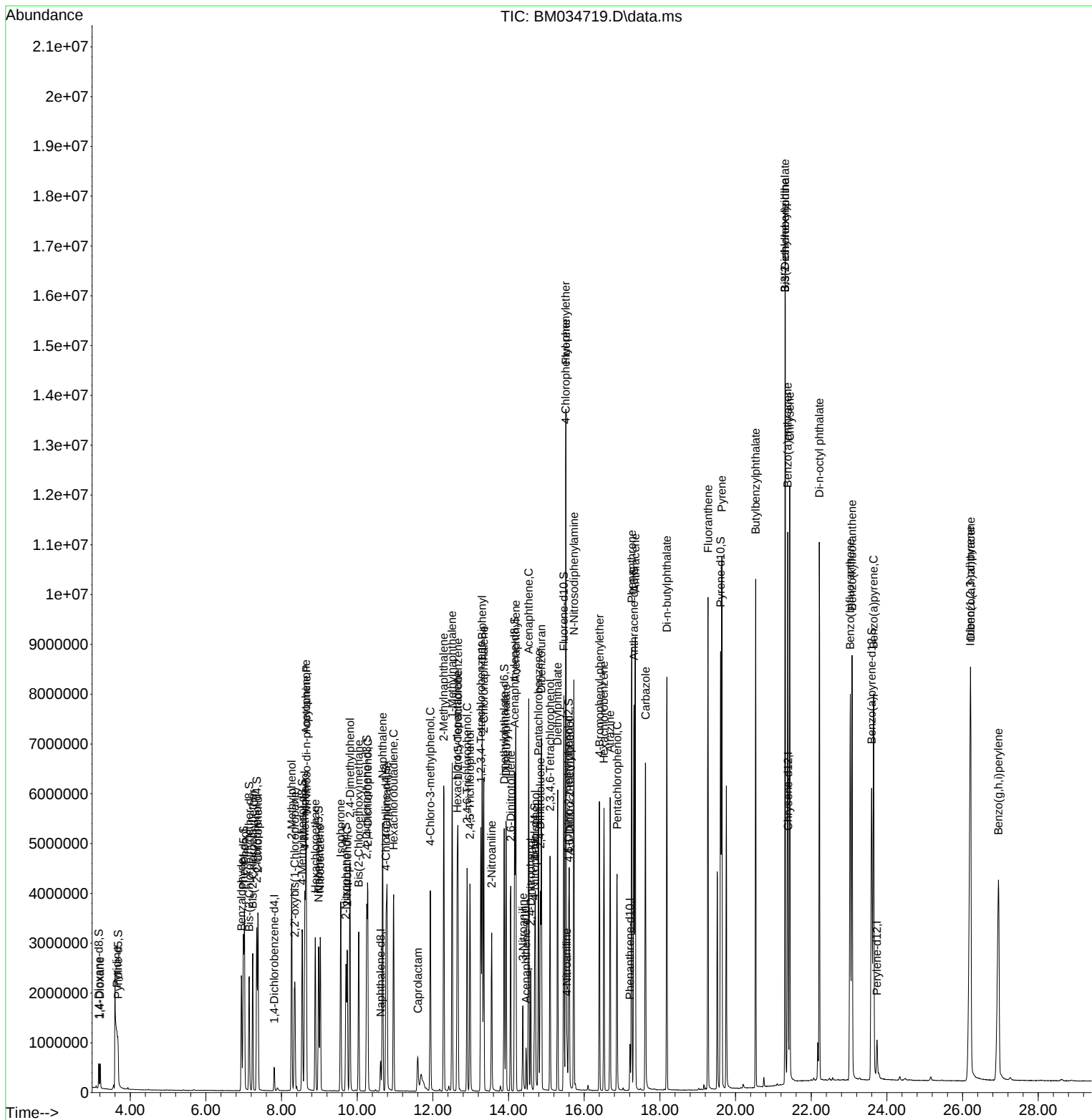
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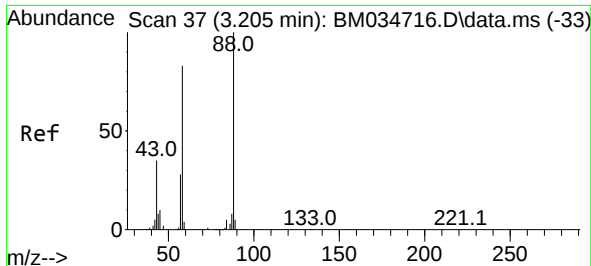
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.510	142	2747891	169.810	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.663	216	1382386	170.250	ng/ul#	96
40) Hexachlorocyclopentadiene	12.645	237	953353	178.917	ng/ul	96
41) 2,4,6-Trichlorophenol	12.904	196	907888	184.063	ng/ul	95
42) 2,4,5-Trichlorophenol	12.980	196	960313	187.881	ng/ul	99
43) 1,1'-Biphenyl	13.304	154	3541861	172.359	ng/ul#	97
44) 2-Chloronaphthalene	13.345	162	2704493	171.429	ng/ul	96
45) 2-Nitroaniline	13.557	65	960892	223.367	ng/ul	84
47) Dimethylphthalate	13.933	163	3179413	164.826	ng/ul	99
48) 2,6-Dinitrotoluene	14.057	165	715023	192.950	ng/ul	93
50) Acenaphthylene	14.192	152	4449540	173.971	ng/ul	99
51) 3-Nitroaniline	14.380	138	415062	128.110	ng/ul	85
52) Acenaphthene	14.533	153	2889521	169.690	ng/ul	100
53) 2,4-Dinitrophenol	14.586	184	450661	215.791	ng/ul#	82
55) 4-Nitrophenol	14.710	109	514431	201.556	ng/ul#	85
56) Dibenzofuran	14.869	168	3943330	170.388	ng/ul	94
57) 2,4-Dinitrotoluene	14.839	165	987998	191.555	ng/ul#	76
58) 2,3,4,6-Tetrachlorophenol	15.098	232	804578	179.287	ng/ul#	88
59) Diethylphthalate	15.298	149	3316817	169.284	ng/ul	99
61) Fluorene	15.516	166	3386296	173.422	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.510	204	1612973	171.135	ng/ul	92
63) 4-Nitroaniline	15.545	138	310850	108.961	ng/ul#	90
66) 4,6-Dinitro-2-methylph...	15.610	198	579354	183.960	ng/ul#	90
67) N-Nitrosodiphenylamine	15.727	169	2753190	178.610	ng/ul	98
68) 4-Bromophenyl-phenylether	16.404	248	939508	175.665	ng/ul#	93
69) Hexachlorobenzene	16.521	284	1080195	168.171	ng/ul#	91
70) Atrazine	16.686	200	991023	171.800	ng/ul	98
71) Pentachlorophenol	16.868	266	697162	177.260	ng/ul	98
72) Phenanthrene	17.257	178	4894185	169.524	ng/ul	98
74) Anthracene	17.351	178	4978996	174.045	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.269	216	1419064	174.634	ng/ul	99
76) Pentachlorobenzene	14.792	250	1305092	171.143	ng/ul	99
77) Carbazole	17.621	167	4329333	182.936	ng/ul	98
78) Di-n-butylphthalate	18.186	149	5555023	184.938	ng/ul	99
80) Fluoranthene	19.274	202	5575238	176.045	ng/ul#	87
82) Pyrene	19.639	202	5698038	165.537	ng/ul#	85
83) Butylbenzylphthalate	20.533	149	2638600	195.807	ng/ul#	85
84) 3,3'-Dichlorobenzidine	21.309	252	1583397	172.315	ng/ul#	98
85) Benzo(a)anthracene	21.380	228	5300324	173.857	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.309	149	3931250	194.924	ng/ul#	99
87) Chrysene	21.433	228	5344809	162.585	ng/ul	97
89) Di-n-octyl phthalate	22.215	149	6487291	179.670	ng/ul	100
90) Benzo(b)fluoranthene	23.033	252	5825912	180.776	ng/ul#	96
91) Benzo(k)fluoranthene	23.080	252	5364410	158.506	ng/ul#	96
93) Benzo(a)pyrene	23.650	252	5597706	175.744	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.203	276	6544021	191.984	ng/ul#	89
95) Dibenzo(a,h)anthracene	26.215	278	5563837	199.105	ng/ul#	96
96) Benzo(g,h,i)perylene	26.950	276	5543144	169.424	ng/ul#	93

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

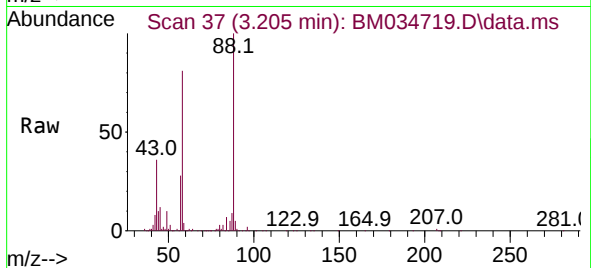
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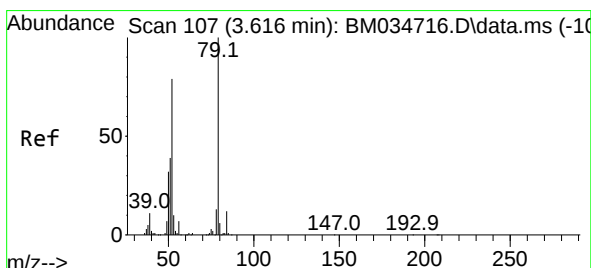
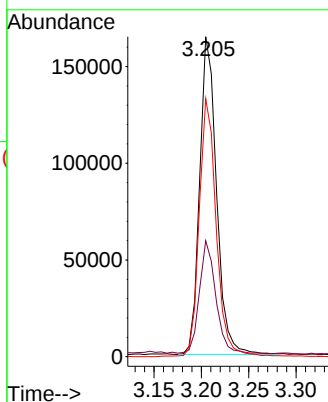
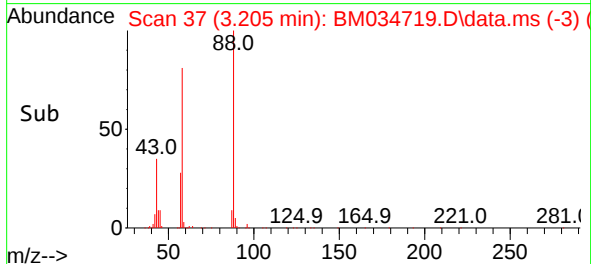


#2
1,4-Dioxane
Concen: 62.021 ng/uL
RT: 3.205 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM034719.D
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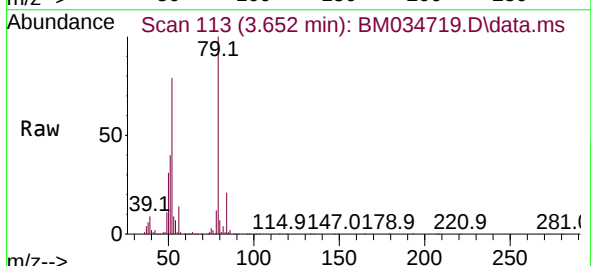
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BNA_N
ClientSampleId :



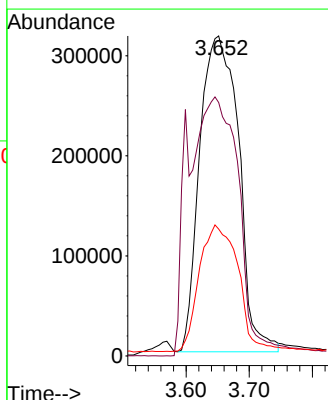
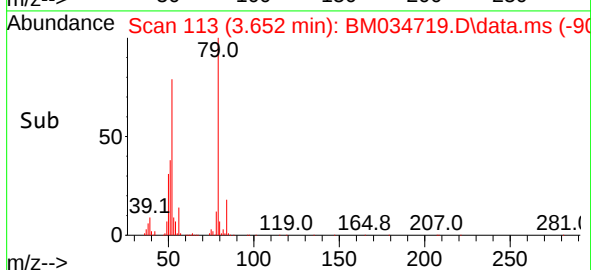
Tgt Ion: 88 Resp: 202920
Ion Ratio Lower Upper
88 100
43 36.3 21.0 31.6#
58 80.6 47.8 71.8#

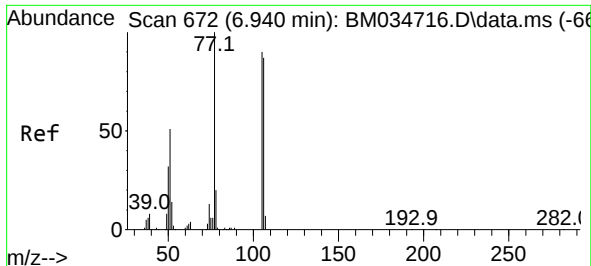


#5
Pyridine
Concen: 157.636 ng/uL
RT: 3.652 min Scan# 113
Delta R.T. 0.035 min
Lab File: BM034719.D
Acq: 18 Apr 2022 15:14



Tgt Ion: 79 Resp: 1350717
Ion Ratio Lower Upper
79 100
52 79.2 47.7 71.5#
51 39.6 25.6 38.4#

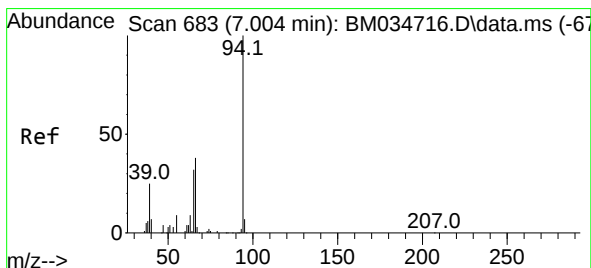
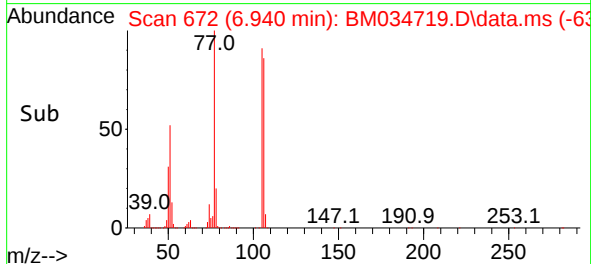
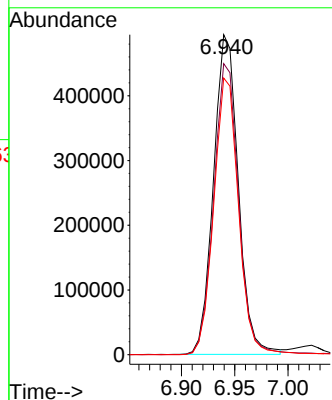
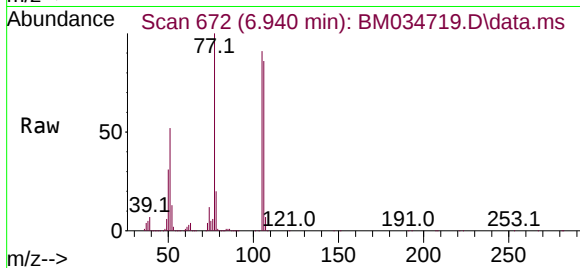




#6
Benzaldehyde
Concen: 135.263 ng/ul
RT: 6.940 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM034719.D
Acq: 18 Apr 2022 15:14

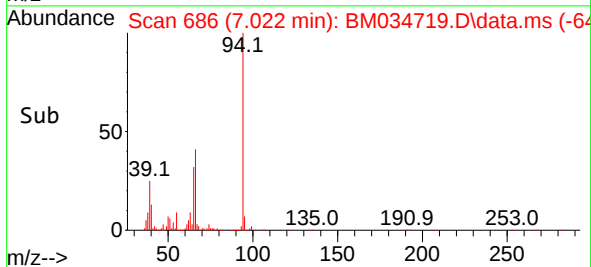
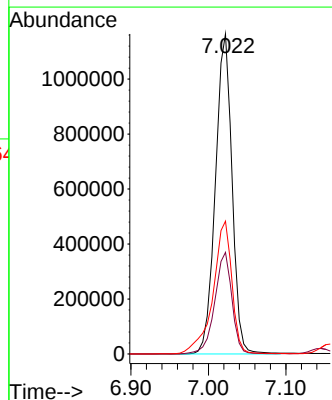
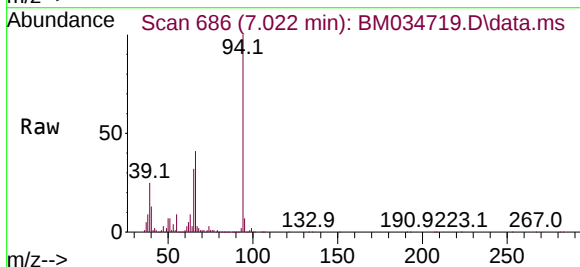
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BNA_N
ClientSampleId :

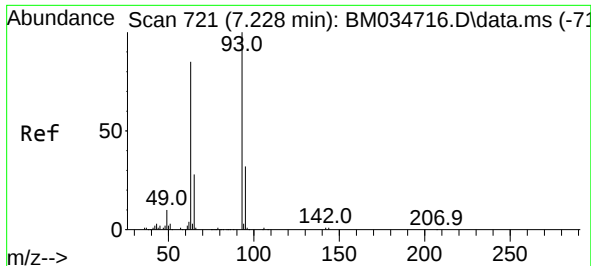
Tgt Ion: 77 Resp: 799737
Ion Ratio Lower Upper
77 100
105 91.0 80.8 121.2
106 86.4 76.6 115.0



#8
Phenol
Concen: 178.157 ng/ul
RT: 7.022 min Scan# 686
Delta R.T. 0.018 min
Lab File: BM034719.D
Acq: 18 Apr 2022 15:14

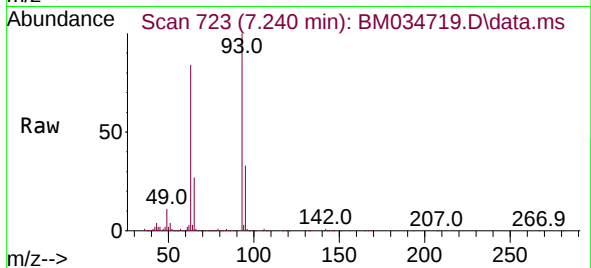
Tgt Ion: 94 Resp: 1735732
Ion Ratio Lower Upper
94 100
65 31.7 22.9 34.3
66 41.5 33.7 50.5



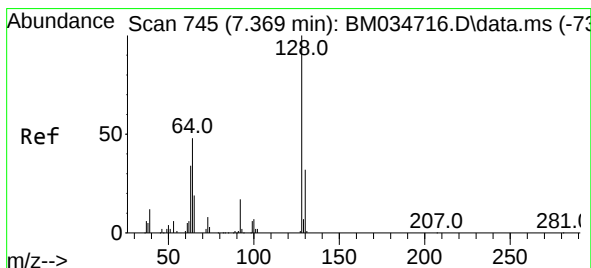
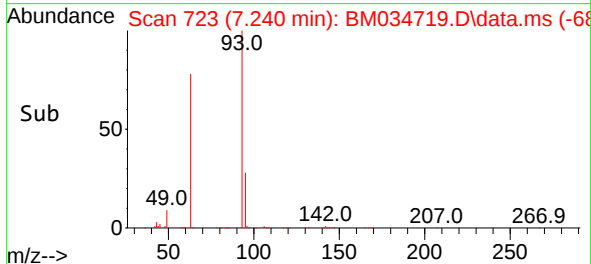
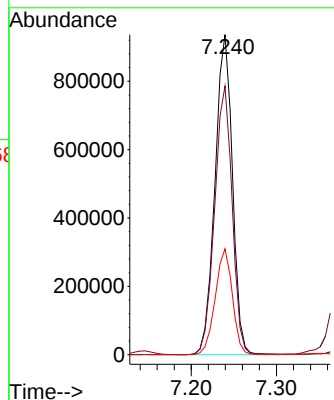


#10
Bis(2-Chloroethyl)ether
Concen: 169.380 ng/ul
RT: 7.240 min Scan# 71
Delta R.T. 0.012 min
Lab File: BM034719.D
Acq: 18 Apr 2022 15:14

Instrument :
BNA_N
ClientSampleId :

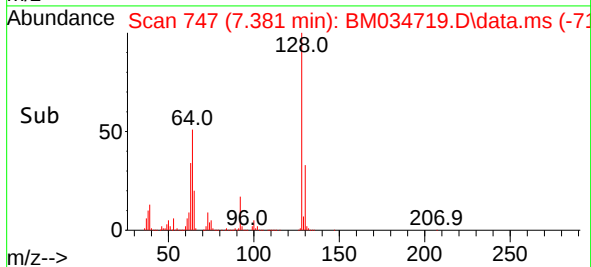
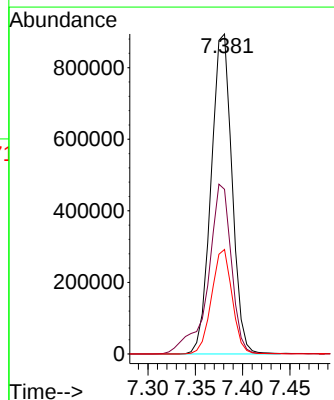
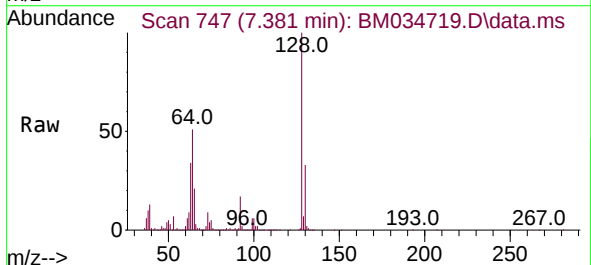


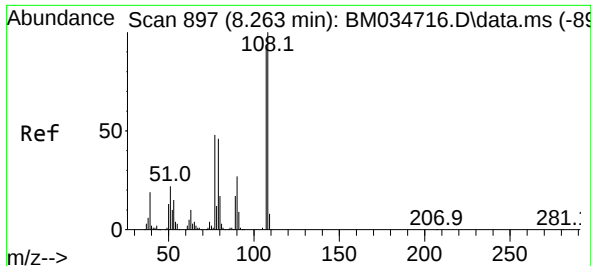
Tgt Ion: 93 Resp: 1331763
Ion Ratio Lower Upper
93 100
63 84.0 54.7 82.1#
95 33.1 26.6 39.8



#12
2-Chlorophenol
Concen: 180.492 ng/ul
RT: 7.381 min Scan# 747
Delta R.T. 0.012 min
Lab File: BM034719.D
Acq: 18 Apr 2022 15:14

Tgt Ion:128 Resp: 1371647
Ion Ratio Lower Upper
128 100
64 51.5 30.6 46.0#
130 32.7 25.8 38.6

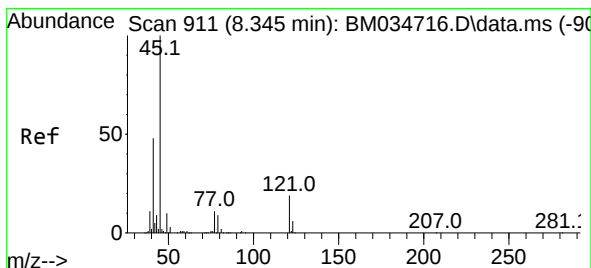
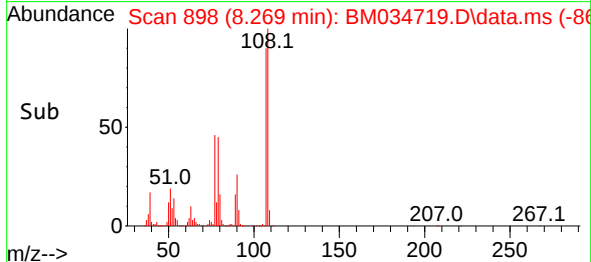
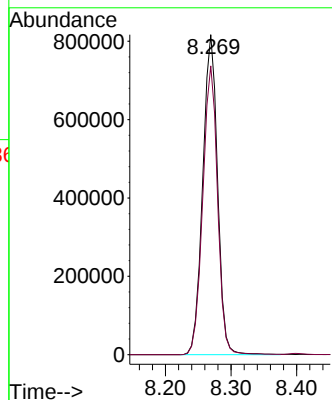
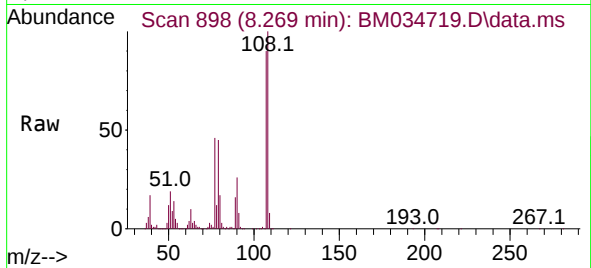




#13
2-Methylphenol
Concen: 178.534 ng/ul
RT: 8.269 min Scan# 897
Delta R.T. 0.006 min
Lab File: BM034719.D
Acq: 18 Apr 2022 15:14

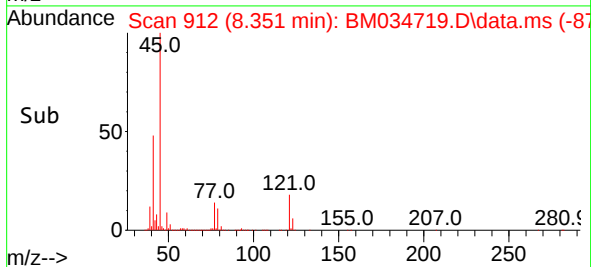
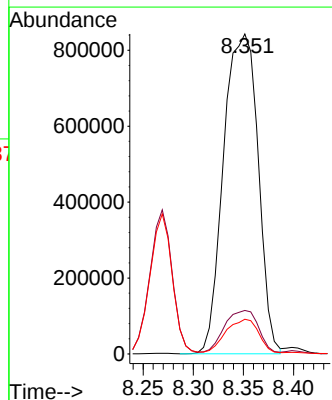
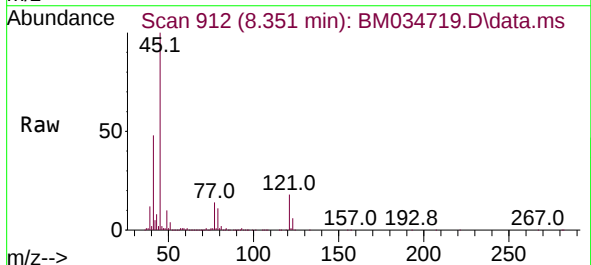
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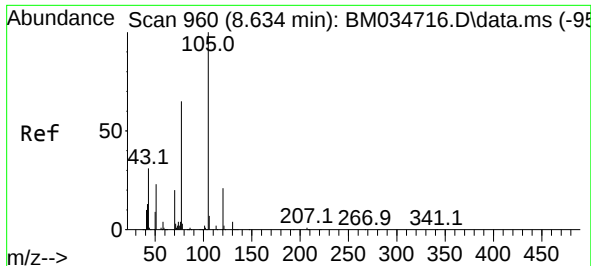
Tgt Ion:108 Resp: 1285847
Ion Ratio Lower Upper
108 100
107 90.3 71.9 107.9



#14
2,2'-oxybis(1-Chloropropane)
Concen: 171.587 ng/ul
RT: 8.351 min Scan# 912
Delta R.T. 0.006 min
Lab File: BM034719.D
Acq: 18 Apr 2022 15:14

Tgt Ion: 45 Resp: 2017142
Ion Ratio Lower Upper
45 100
77 13.6 17.1 25.7#
79 10.9 12.8 19.2#

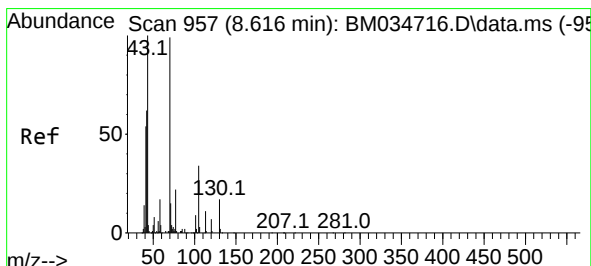
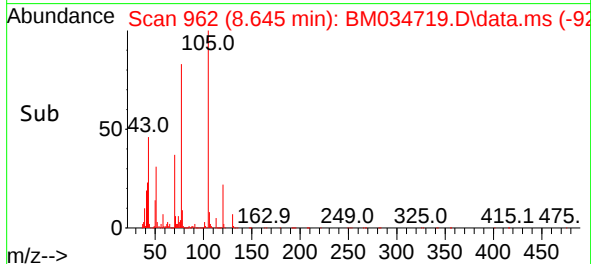
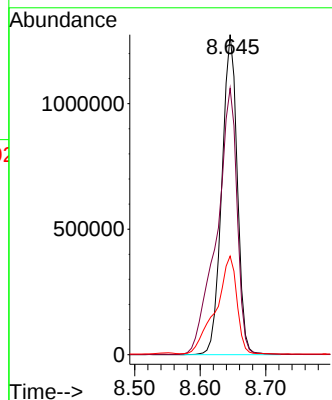
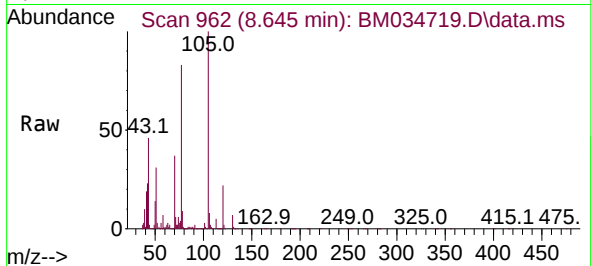




#16
 Acetophenone
 Concen: 176.492 ng/ul
 RT: 8.645 min Scan# 90
 Delta R.T. 0.012 min
 Lab File: BM034719.D
 Acq: 18 Apr 2022 15:14

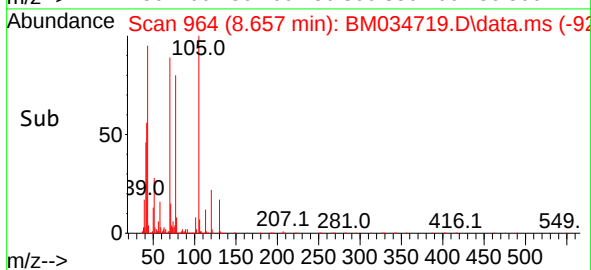
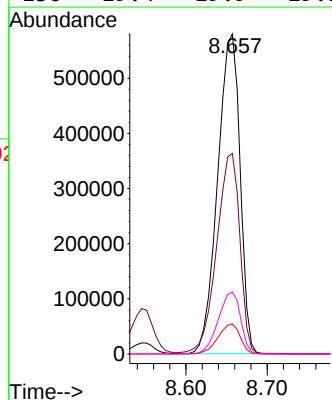
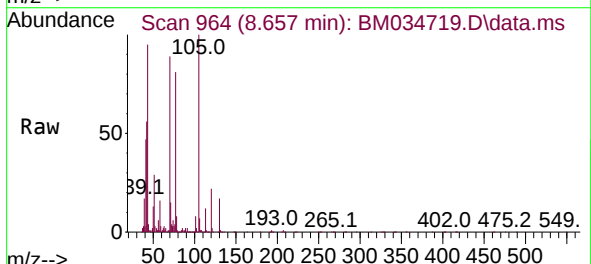
Instrument :
 BNA_N
 ClientSampleId :

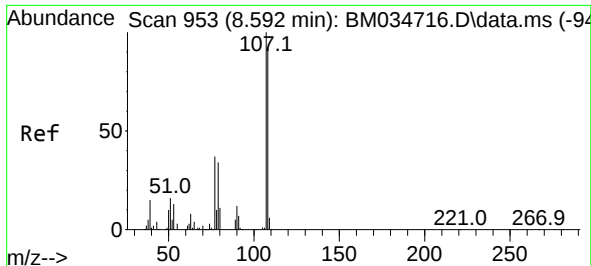
Tgt Ion:105 Resp: 2075325
 Ion Ratio Lower Upper
 105 100
 77 83.3 59.4 89.2
 51 30.8 19.3 28.9#



#17
 N-Nitroso-di-n-propylamine
 Concen: 177.713 ng/ul
 RT: 8.657 min Scan# 964
 Delta R.T. 0.041 min
 Lab File: BM034719.D
 Acq: 18 Apr 2022 15:14

Tgt Ion: 70 Resp: 1112284
 Ion Ratio Lower Upper
 70 100
 42 62.6 40.6 60.8#
 101 9.4 8.2 12.2
 130 19.4 19.9 29.9#

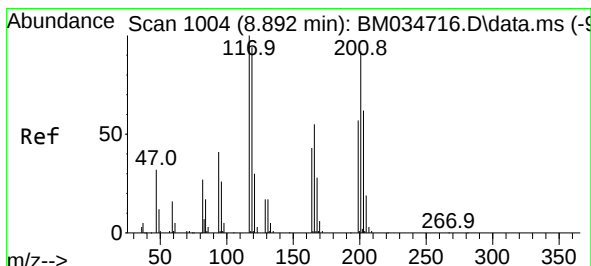
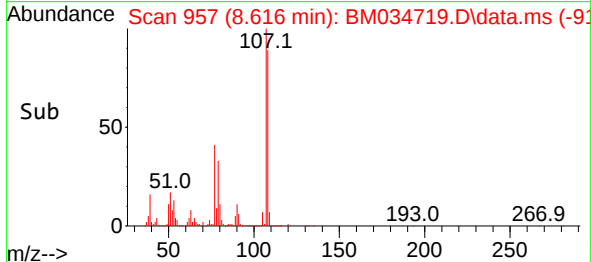
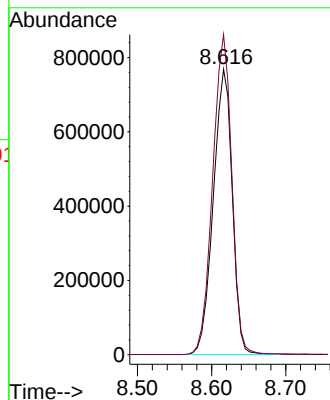
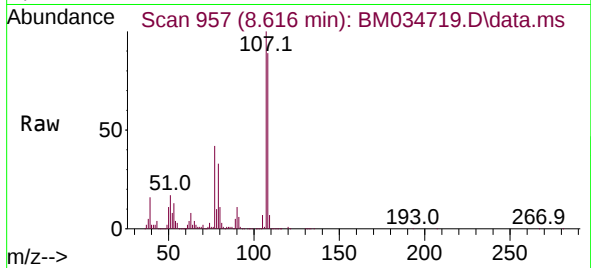




#18
4-Methylphenol
Concen: 178.076 ng/ul
RT: 8.616 min Scan# 91
Delta R.T. 0.024 min
Lab File: BM034719.D
Acq: 18 Apr 2022 15:14

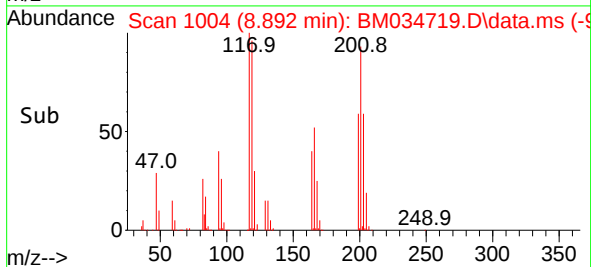
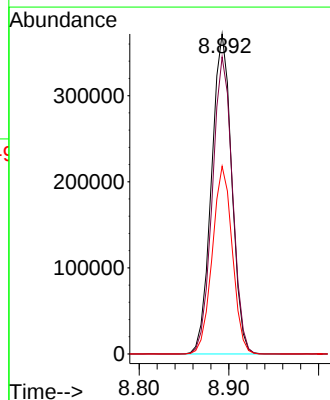
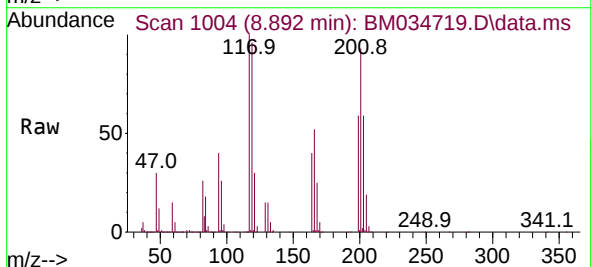
Instrument :
BNA_N
ClientSampleId :

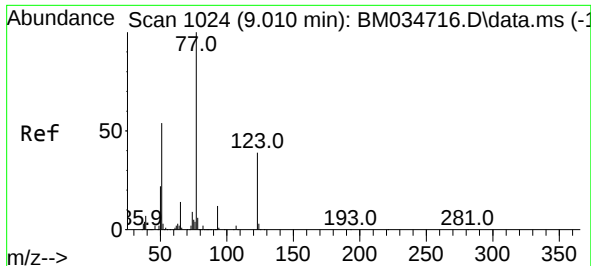
Tgt Ion:108 Resp: 1364377
Ion Ratio Lower Upper
108 100
107 112.1 89.0 133.4



#19
Hexachloroethane
Concen: 170.134 ng/ul
RT: 8.892 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BM034719.D
Acq: 18 Apr 2022 15:14

Tgt Ion:117 Resp: 581546
Ion Ratio Lower Upper
117 100
201 92.9 89.9 134.9
199 58.6 57.2 85.8

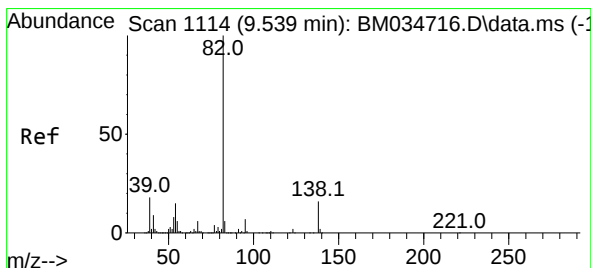
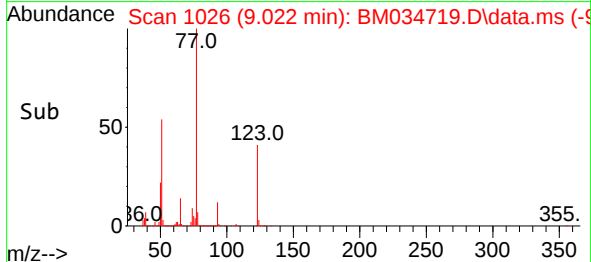
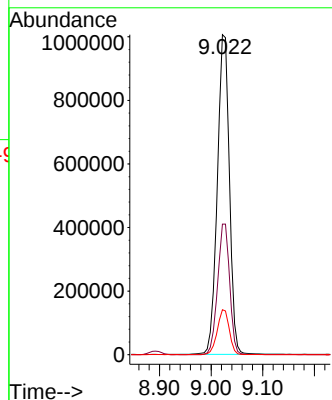
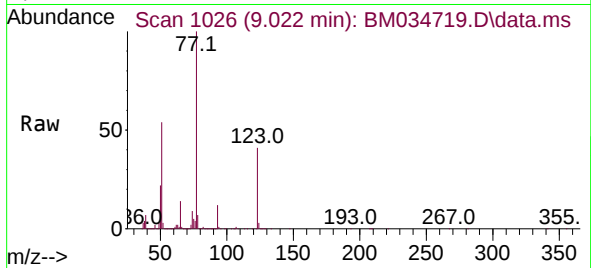




#22
Nitrobenzene
Concen: 179.432 ng/ul
RT: 9.022 min Scan# 1026
Delta R.T. 0.012 min
Lab File: BM034719.D
Acq: 18 Apr 2022 15:14

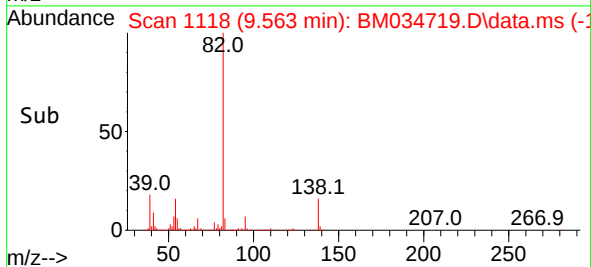
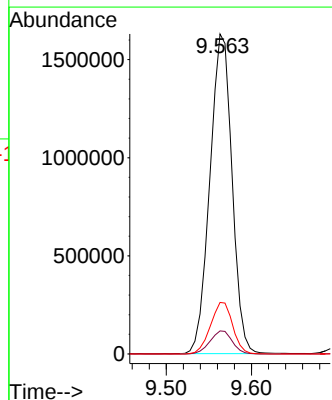
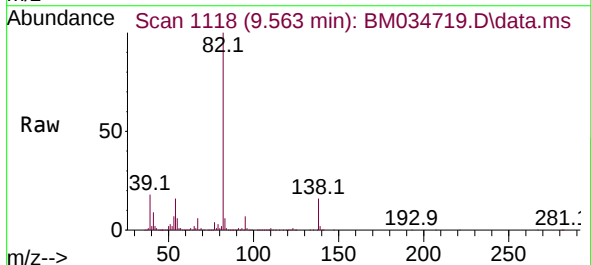
Instrument :
BNA_N
ClientSampleId :

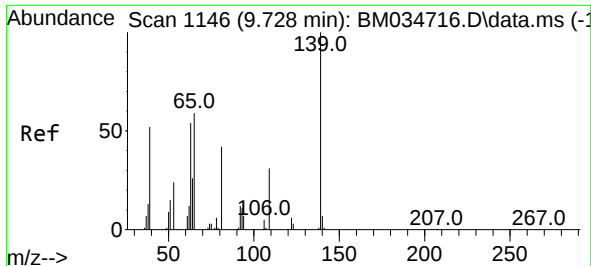
Tgt Ion: 77 Resp: 1634278
Ion Ratio Lower Upper
77 100
123 40.8 38.2 57.2
65 14.0 10.6 15.8



#23
Isophorone
Concen: 181.939 ng/ul
RT: 9.563 min Scan# 1118
Delta R.T. 0.024 min
Lab File: BM034719.D
Acq: 18 Apr 2022 15:14

Tgt Ion: 82 Resp: 2942693
Ion Ratio Lower Upper
82 100
95 7.2 6.8 10.2
138 16.1 16.5 24.7#

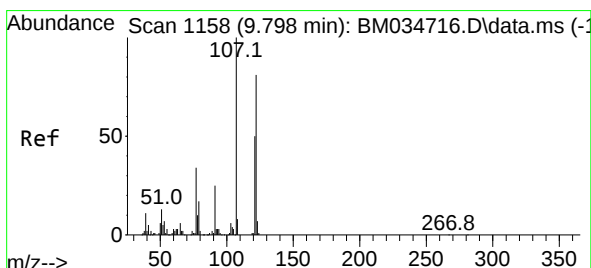
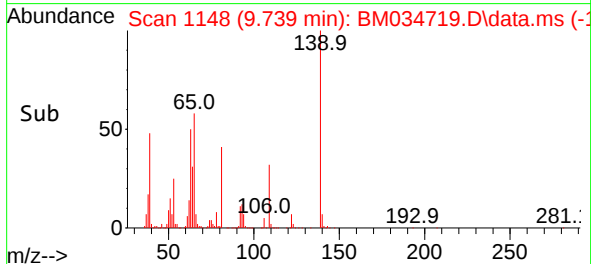
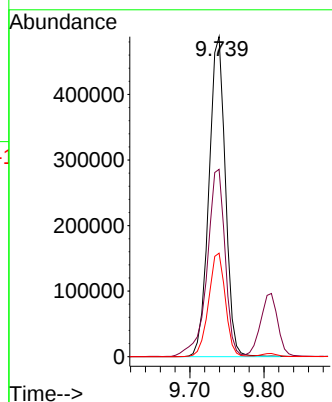
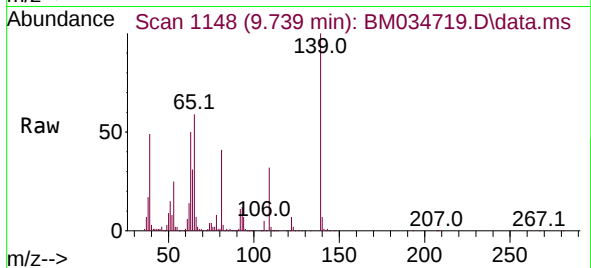




#25
2-Nitrophenol
Concen: 194.490 ng/ul
RT: 9.739 min Scan# 1146
Delta R.T. 0.012 min
Lab File: BM034719.D
Acq: 18 Apr 2022 15:14

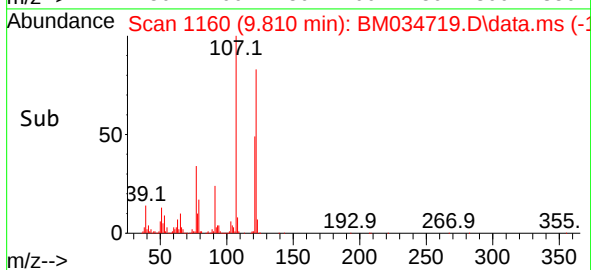
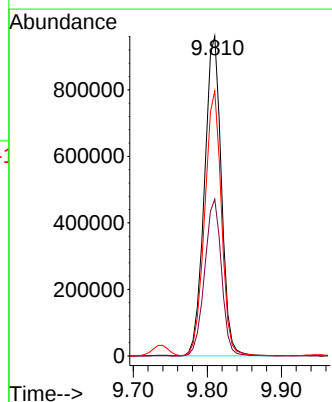
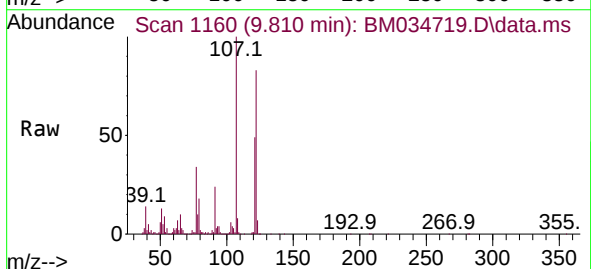
Instrument :
BNA_N
ClientSampleId :

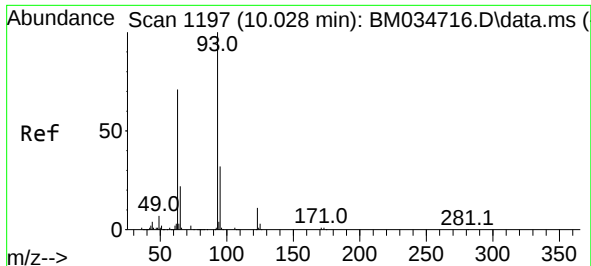
Tgt Ion:139 Resp: 753511
Ion Ratio Lower Upper
139 100
65 58.5 37.8 56.6#
109 32.4 26.5 39.7



#26
2,4-Dimethylphenol
Concen: 177.362 ng/ul
RT: 9.810 min Scan# 1160
Delta R.T. 0.012 min
Lab File: BM034719.D
Acq: 18 Apr 2022 15:14

Tgt Ion:107 Resp: 1525217
Ion Ratio Lower Upper
107 100
121 49.0 40.8 61.2
122 82.9 69.0 103.6





#27

Bis(2-Chloroethoxy)methane

Concen: 176.215 ng/ul

RT: 10.039 min Scan# 1197

Delta R.T. 0.012 min

Lab File: BM034719.D

Acq: 18 Apr 2022 15:14

Instrument :

BNA_N

ClientSampleId :

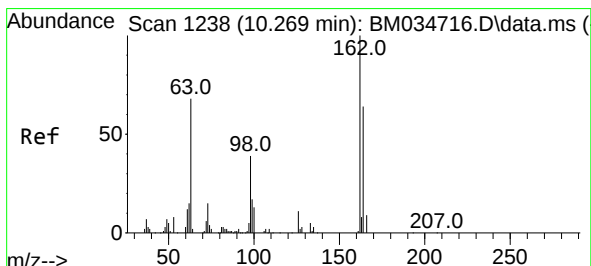
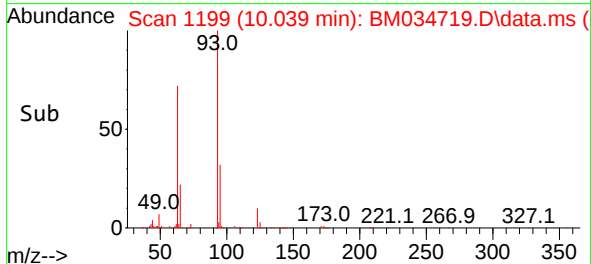
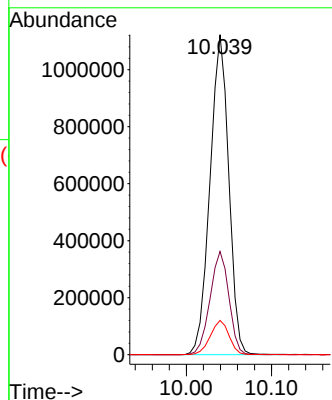
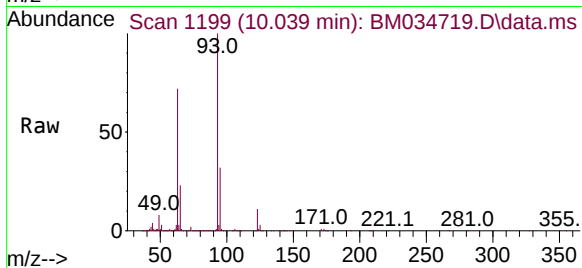
Tgt Ion: 93 Resp: 1714781

Ion Ratio Lower Upper

93 100

95 32.3 25.4 38.2

123 10.7 9.5 14.3



#29

2,4-Dichlorophenol

Concen: 179.314 ng/ul

RT: 10.281 min Scan# 1240

Delta R.T. 0.012 min

Lab File: BM034719.D

Acq: 18 Apr 2022 15:14

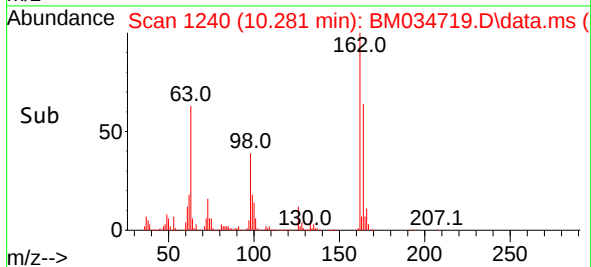
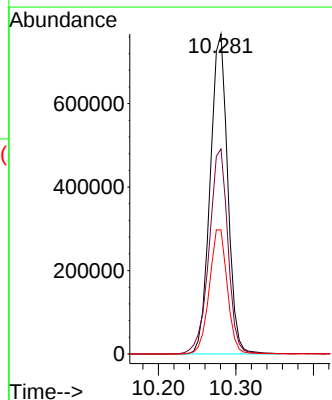
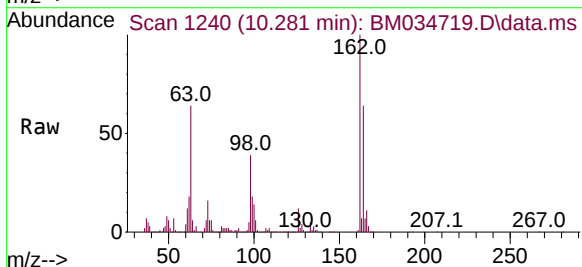
Tgt Ion:162 Resp: 1205400

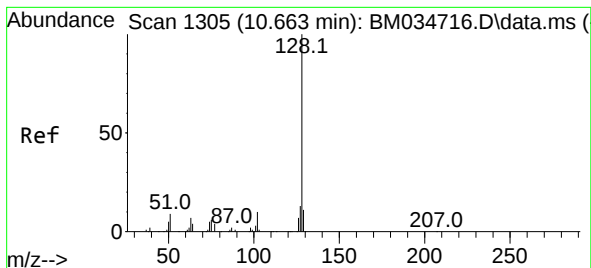
Ion Ratio Lower Upper

162 100

164 64.1 52.8 79.2

98 38.8 26.0 39.0





#30

Naphthalene

Concen: 166.955 ng/ul

RT: 10.669 min Scan# 11

Delta R.T. 0.006 min

Lab File: BM034719.D

Acq: 18 Apr 2022 15:14

Instrument :

BNA_N

ClientSampleId :

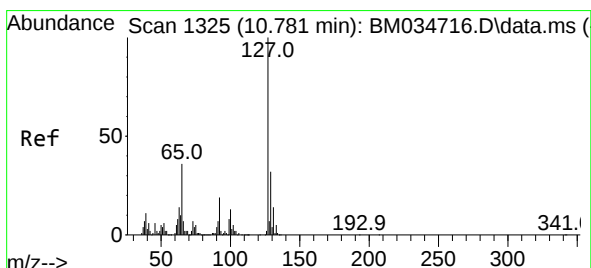
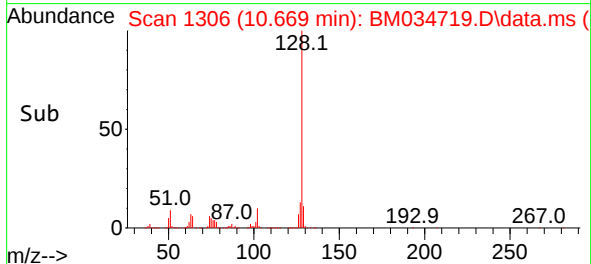
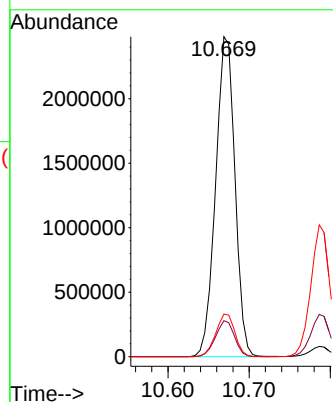
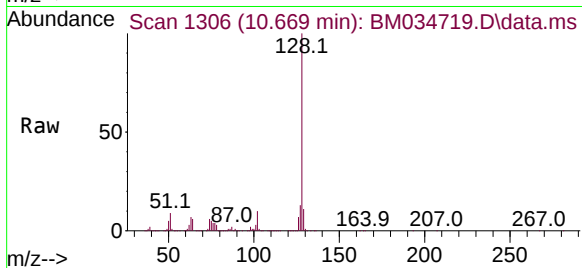
Tgt Ion:128 Resp: 4108835

Ion Ratio Lower Upper

128 100

129 11.2 8.7 13.1

127 13.3 9.9 14.9



#32

4-Chloroaniline

Concen: 178.209 ng/ul

RT: 10.786 min Scan# 1326

Delta R.T. 0.006 min

Lab File: BM034719.D

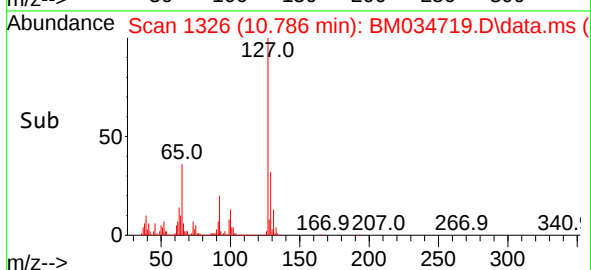
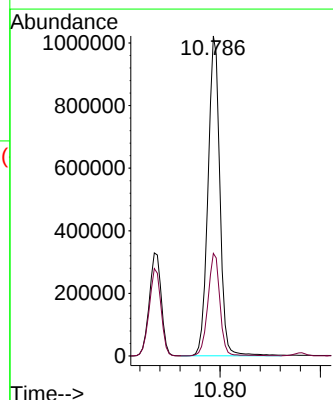
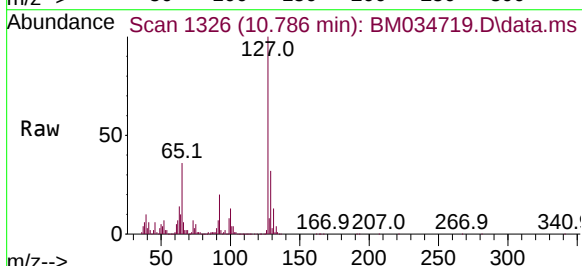
Acq: 18 Apr 2022 15:14

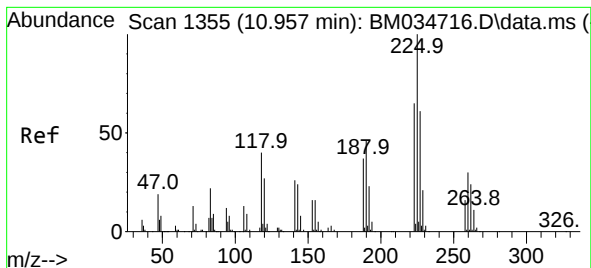
Tgt Ion:127 Resp: 1677668

Ion Ratio Lower Upper

127 100

129 32.0 25.1 37.7





#33

Hexachlorobutadiene

Concen: 161.338 ng/u1

RT: 10.963 min Scan# 1

Delta R.T. 0.006 min

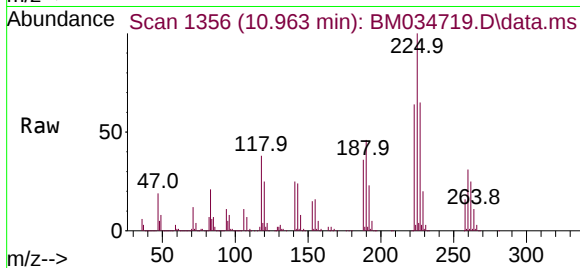
Lab File: BM034719.D

Acq: 18 Apr 2022 15:14

Instrument :

BNA_N

ClientSampleId :



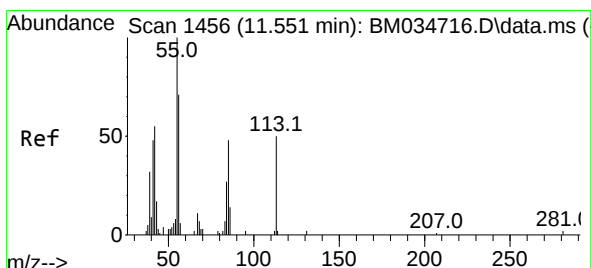
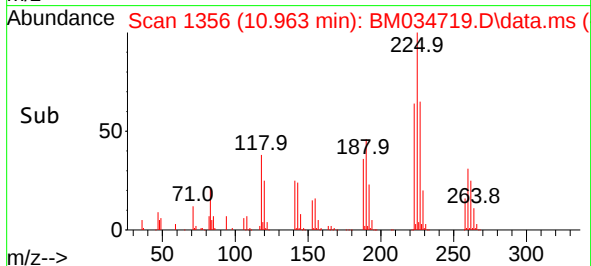
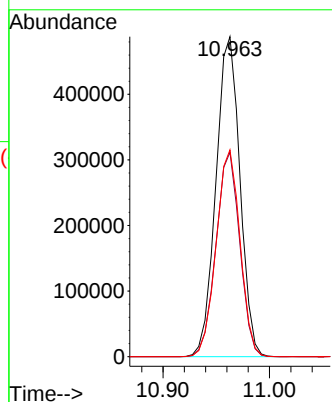
Tgt Ion:225 Resp: 762507

Ion Ratio Lower Upper

225 100

223 63.9 50.6 75.8

227 64.7 50.3 75.5



#34

Caprolactam

Concen: 73.148 ng/u1

RT: 11.604 min Scan# 1465

Delta R.T. 0.053 min

Lab File: BM034719.D

Acq: 18 Apr 2022 15:14

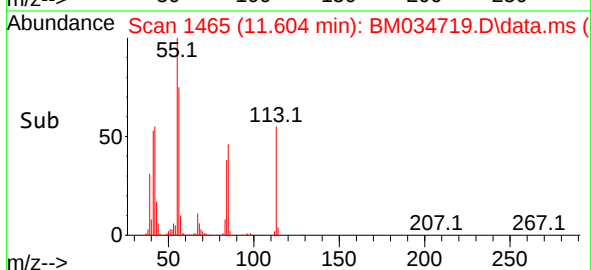
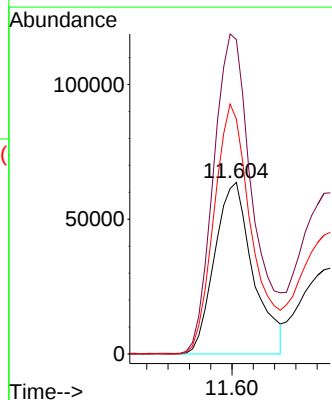
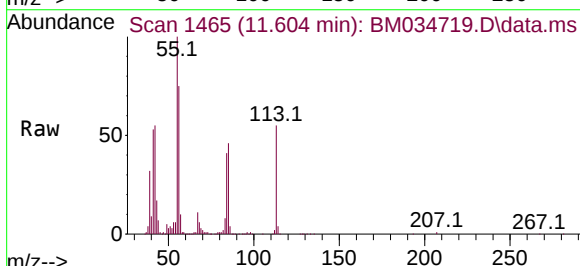
Tgt Ion:113 Resp: 159742

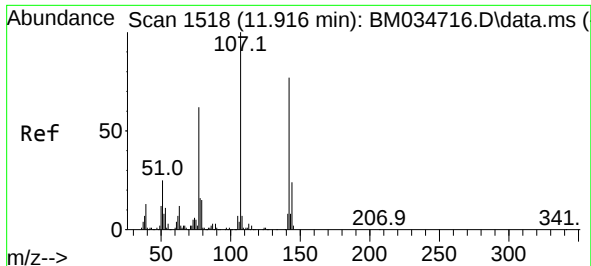
Ion Ratio Lower Upper

113 100

55 183.4 100.9 151.3#

56 137.0 81.0 121.4#

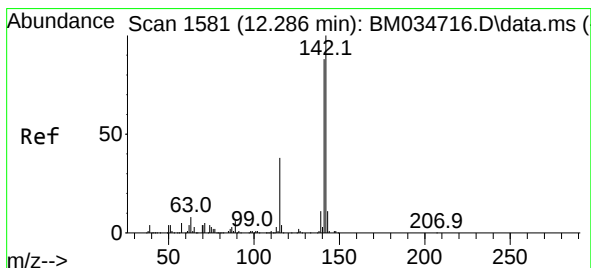
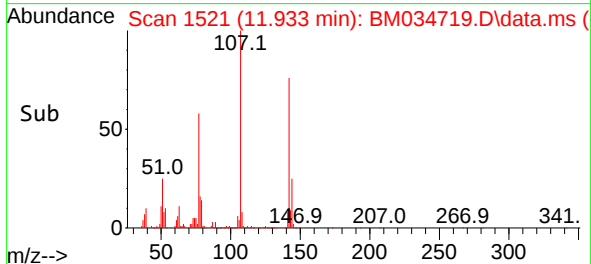
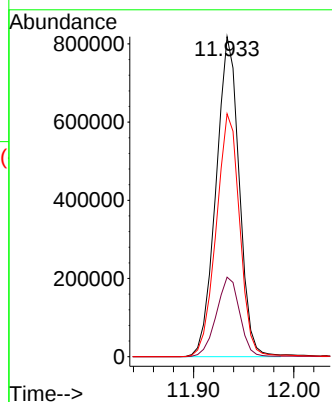
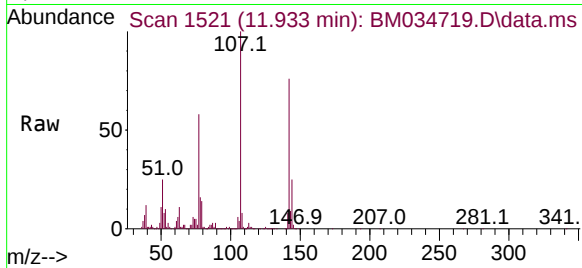




#35
4-Chloro-3-methylphenol
Concen: 188.125 ng/ul
RT: 11.933 min Scan# 1521
Delta R.T. 0.018 min
Lab File: BM034719.D
Acq: 18 Apr 2022 15:14

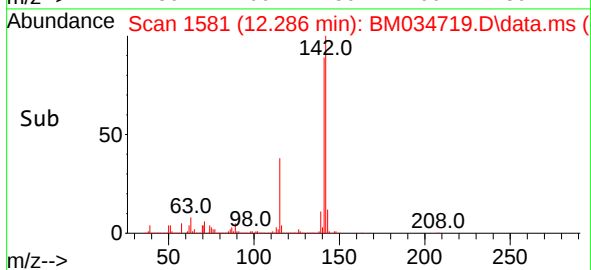
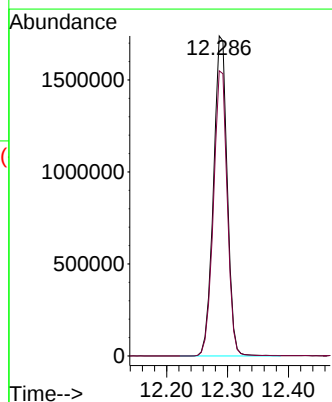
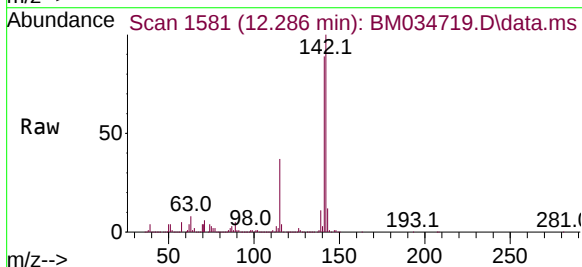
Instrument :
BNA_N
ClientSampleId :

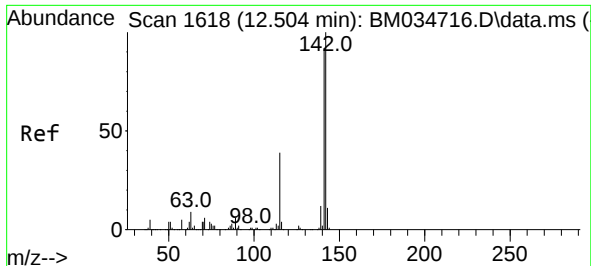
Tgt Ion:107 Resp: 1312822
Ion Ratio Lower Upper
107 100
144 24.8 23.0 34.4
142 75.9 69.8 104.8



#36
2-Methylnaphthalene
Concen: 172.780 ng/ul
RT: 12.286 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BM034719.D
Acq: 18 Apr 2022 15:14

Tgt Ion:142 Resp: 2725253
Ion Ratio Lower Upper
142 100
141 89.1 71.4 107.0





#37

1-Methylnaphthalene

Concen: 169.810 ng/ul

RT: 12.510 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM034719.D

Acq: 18 Apr 2022 15:14

Instrument :

BNA_N

ClientSampleId :

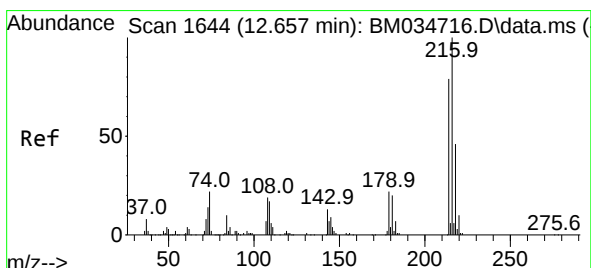
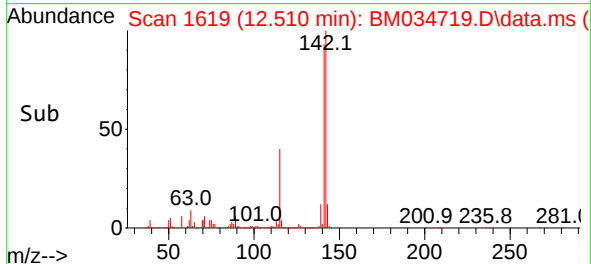
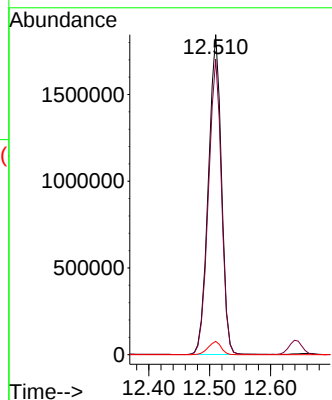
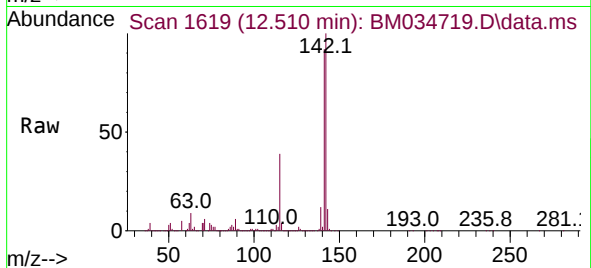
Tgt Ion:142 Resp: 2747891

Ion Ratio Lower Upper

142 100

141 92.4 74.5 111.7

116 4.1 3.0 4.6



#39

1,2,4,5-Tetrachlorobenzene

Concen: 170.250 ng/ul

RT: 12.663 min Scan# 1645

Delta R.T. 0.006 min

Lab File: BM034719.D

Acq: 18 Apr 2022 15:14

Tgt Ion:216 Resp: 1382386

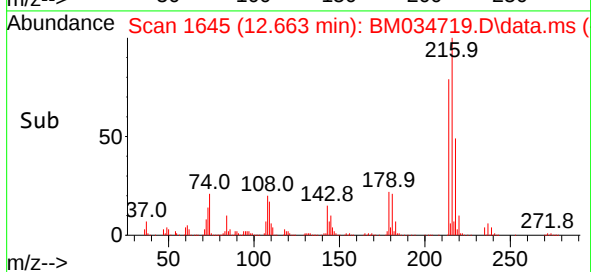
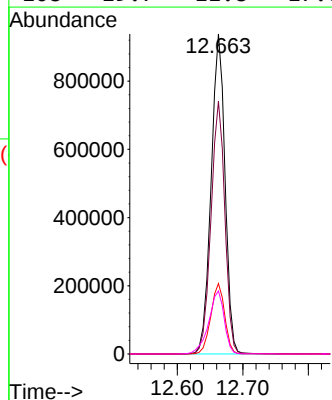
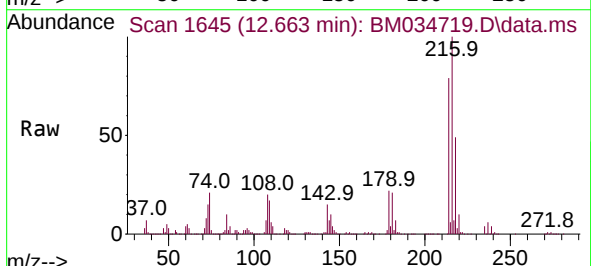
Ion Ratio Lower Upper

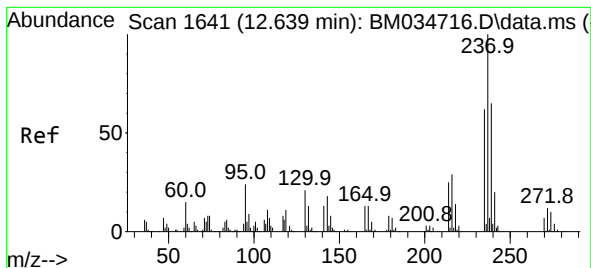
216 100

214 78.9 62.2 93.2

179 22.0 15.4 23.2

108 19.7 11.8 17.6#





#40

Hexachlorocyclopentadiene

Concen: 178.917 ng/ul

RT: 12.645 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM034719.D

Acq: 18 Apr 2022 15:14

Instrument :

BNA_N

ClientSampleId :

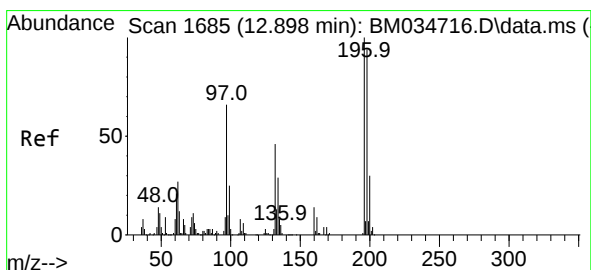
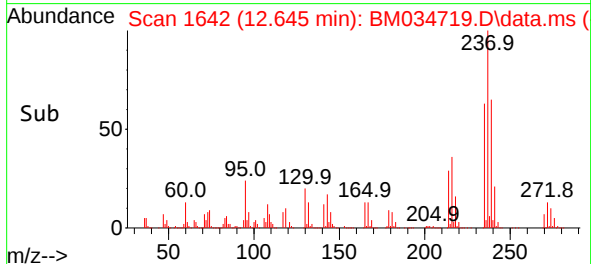
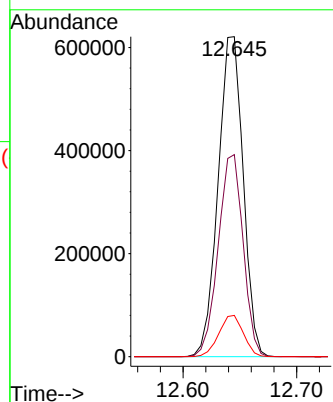
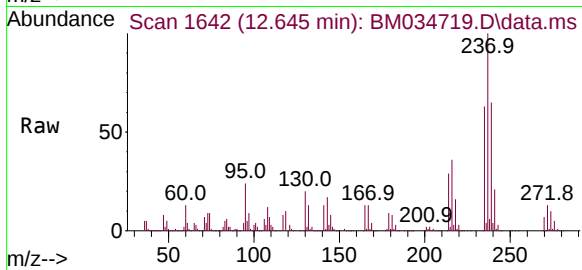
Tgt Ion:237 Resp: 953353

Ion Ratio Lower Upper

237 100

235 63.2 52.9 79.3

272 12.9 11.8 17.8



#41

2,4,6-Trichlorophenol

Concen: 184.063 ng/ul

RT: 12.904 min Scan# 1686

Delta R.T. 0.006 min

Lab File: BM034719.D

Acq: 18 Apr 2022 15:14

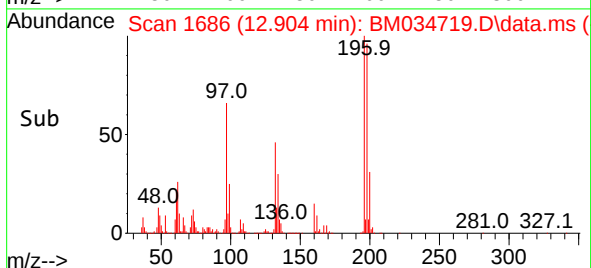
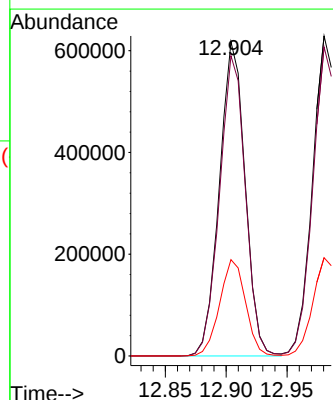
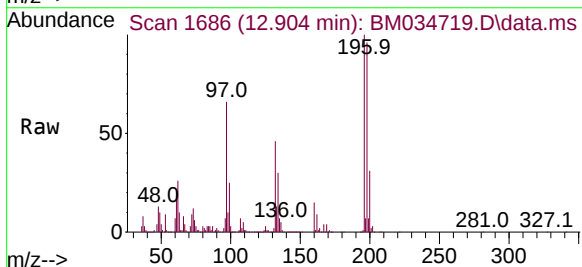
Tgt Ion:196 Resp: 907888

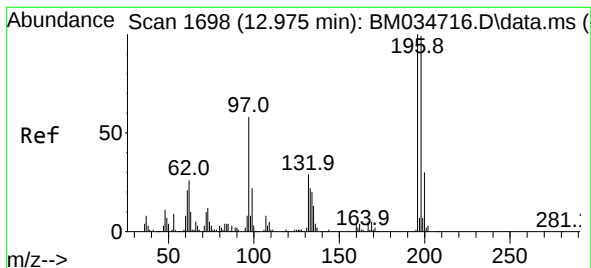
Ion Ratio Lower Upper

196 100

198 95.6 80.8 121.2

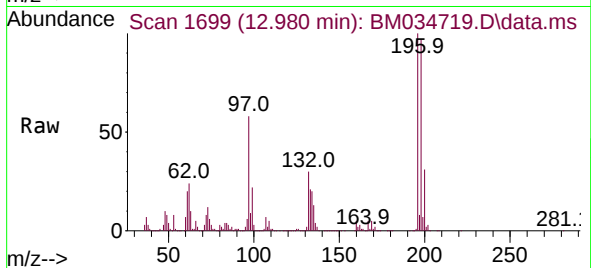
200 30.6 26.5 39.7



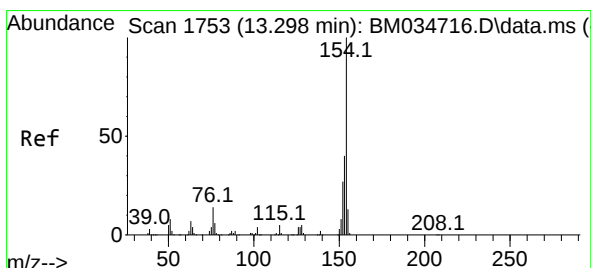
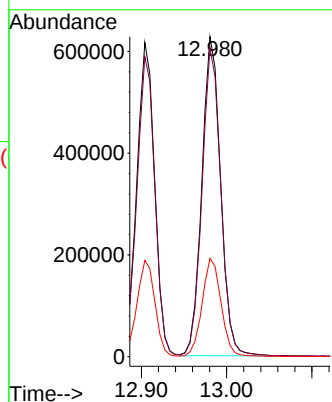
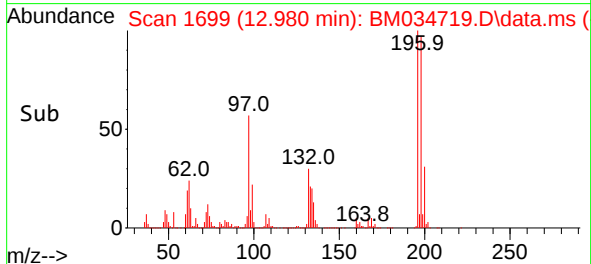


#42
2,4,5-Trichlorophenol
Concen: 187.881 ng/ul
RT: 12.980 min Scan# 1698
Delta R.T. 0.006 min
Lab File: BM034719.D
Acq: 18 Apr 2022 15:14

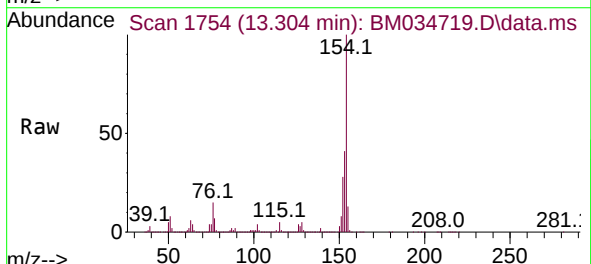
Instrument :
BNA_N
ClientSampleId :



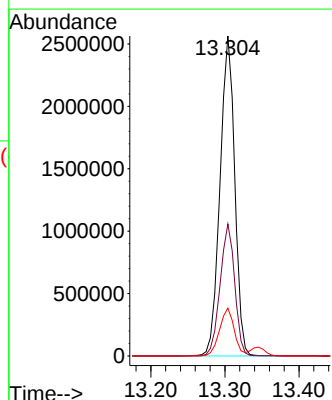
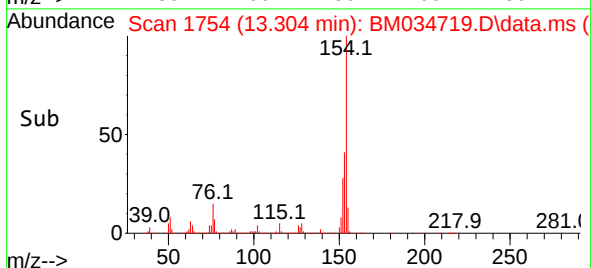
Tgt Ion:196 Resp: 960313
Ion Ratio Lower Upper
196 100
198 96.5 78.0 117.0
200 30.7 24.5 36.7

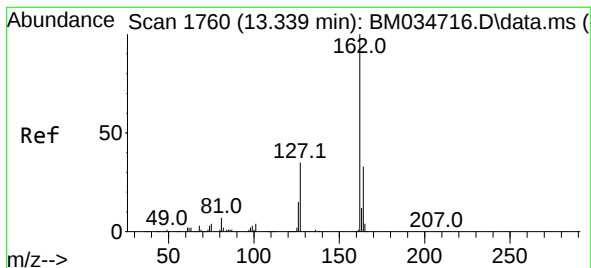


#43
1,1'-Biphenyl
Concen: 172.359 ng/ul
RT: 13.304 min Scan# 1754
Delta R.T. 0.006 min
Lab File: BM034719.D
Acq: 18 Apr 2022 15:14



Tgt Ion:154 Resp: 3541861
Ion Ratio Lower Upper
154 100
153 41.2 32.6 49.0
76 14.9 7.7 11.5#





#44

2-Chloronaphthalene

Concen: 171.429 ng/ul

RT: 13.345 min Scan# 1760

Delta R.T. 0.006 min

Lab File: BM034719.D

Acq: 18 Apr 2022 15:14

Instrument :

BNA_N

ClientSampleId :

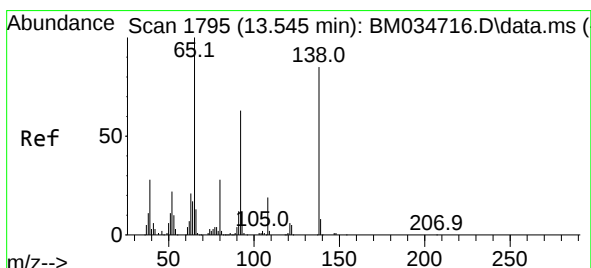
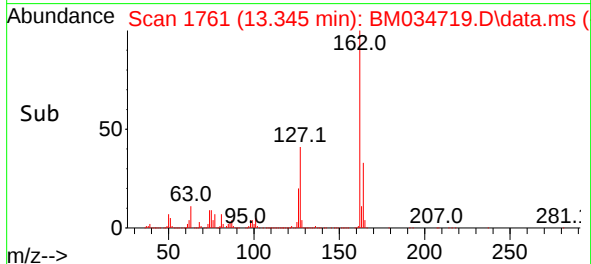
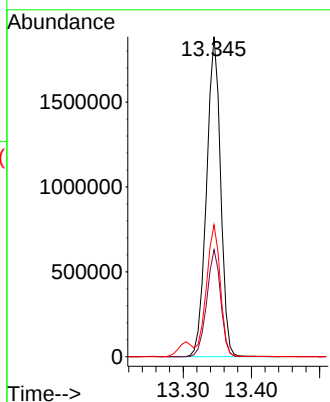
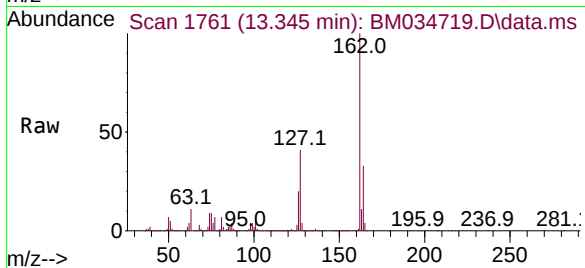
Tgt Ion:162 Resp: 2704493

Ion Ratio Lower Upper

162 100

164 33.5 26.6 40.0

127 41.2 29.6 44.4



#45

2-Nitroaniline

Concen: 223.367 ng/ul

RT: 13.557 min Scan# 1797

Delta R.T. 0.012 min

Lab File: BM034719.D

Acq: 18 Apr 2022 15:14

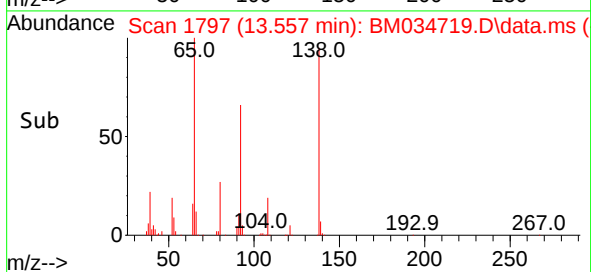
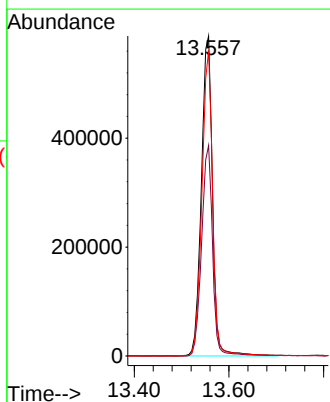
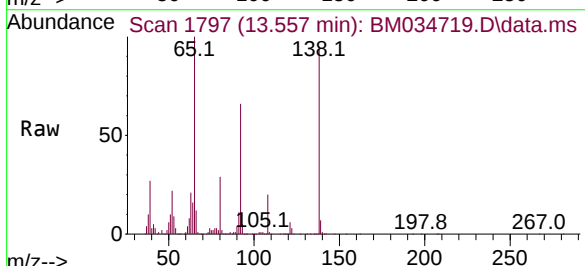
Tgt Ion: 65 Resp: 960892

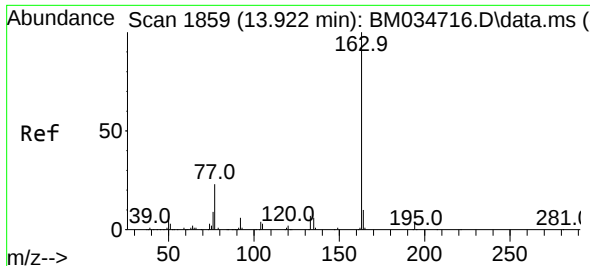
Ion Ratio Lower Upper

65 100

92 65.8 57.4 86.2

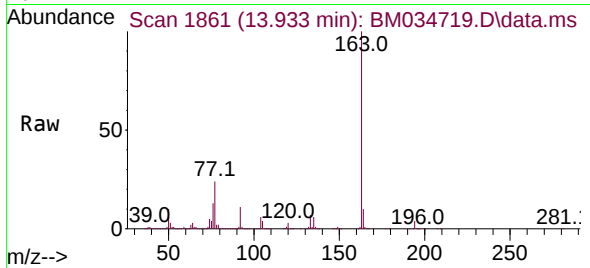
138 95.4 94.8 142.2



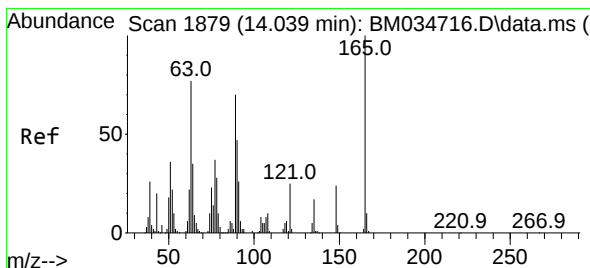
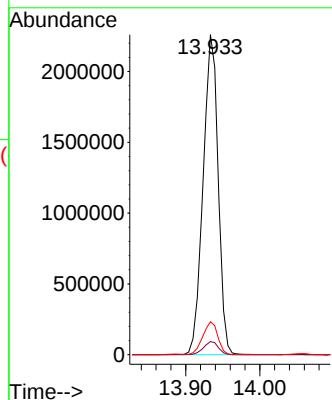
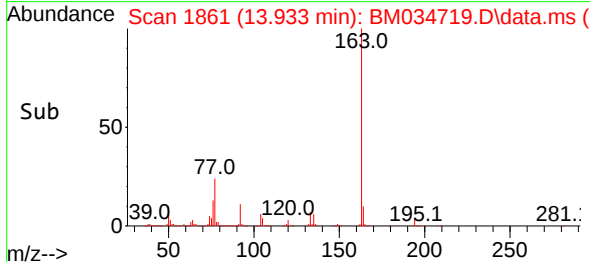


#47
Dimethylphthalate
Concen: 164.826 ng/ul
RT: 13.933 min Scan# 1861
Delta R.T. 0.012 min
Lab File: BM034719.D
Acq: 18 Apr 2022 15:14

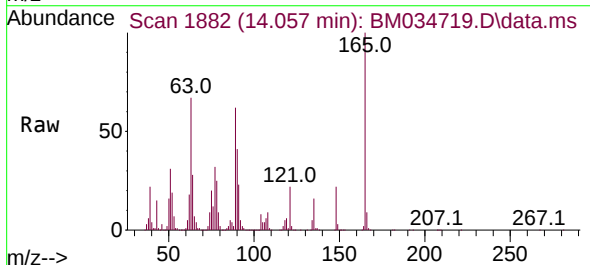
Instrument :
BNA_N
ClientSampleId :



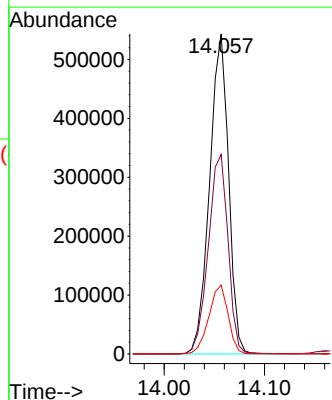
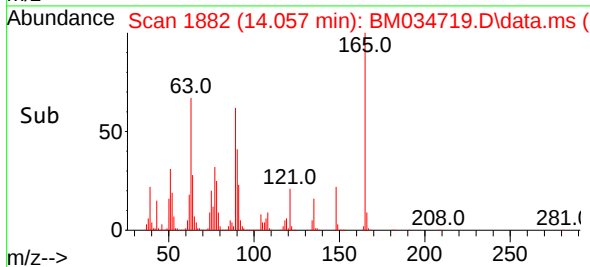
Tgt Ion:163 Resp: 3179413
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 10.3 7.8 11.8

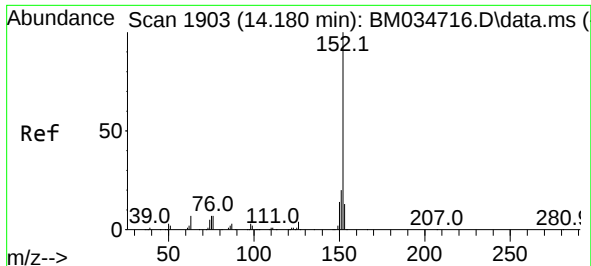


#48
2,6-Dinitrotoluene
Concen: 192.950 ng/ul
RT: 14.057 min Scan# 1882
Delta R.T. 0.018 min
Lab File: BM034719.D
Acq: 18 Apr 2022 15:14



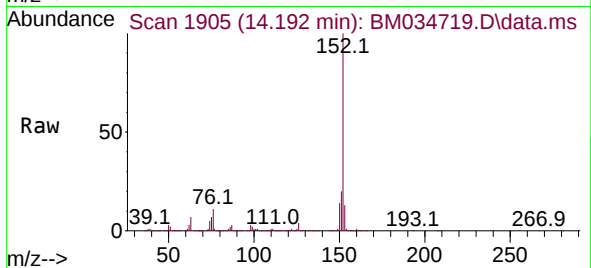
Tgt Ion:165 Resp: 715023
Ion Ratio Lower Upper
165 100
89 62.4 44.2 66.4
121 21.5 16.7 25.1



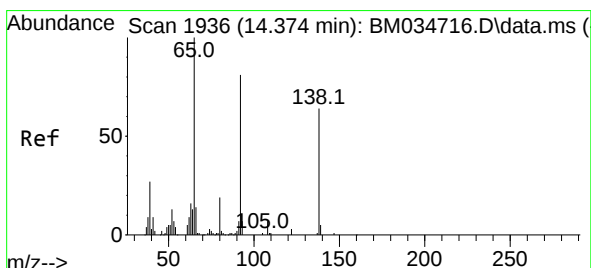
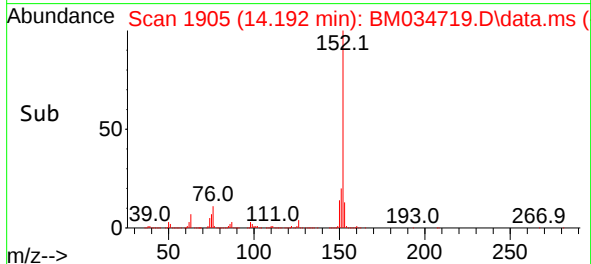
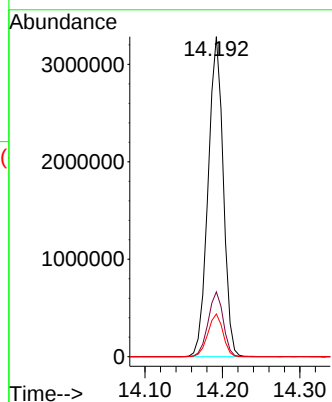


#50
Acenaphthylene
Concen: 173.971 ng/ul
RT: 14.192 min Scan# 1905
Delta R.T. 0.012 min
Lab File: BM034719.D
Acq: 18 Apr 2022 15:14

Instrument :
BNA_N
ClientSampleId :

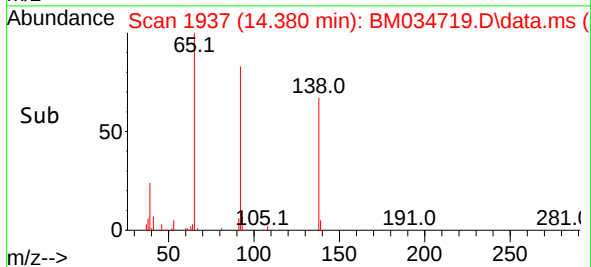
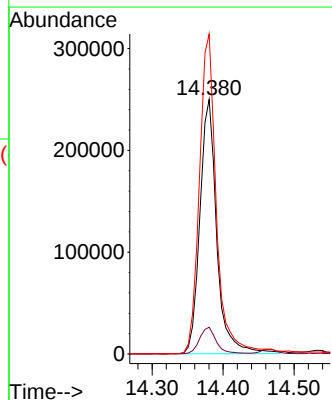
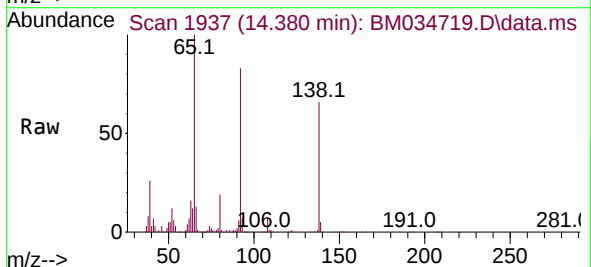


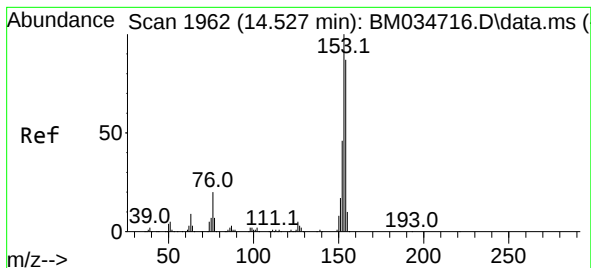
Tgt Ion:152 Resp: 4449540
Ion Ratio Lower Upper
152 100
151 20.3 15.8 23.8
153 13.4 10.2 15.2



#51
3-Nitroaniline
Concen: 128.110 ng/ul
RT: 14.380 min Scan# 1937
Delta R.T. 0.006 min
Lab File: BM034719.D
Acq: 18 Apr 2022 15:14

Tgt Ion:138 Resp: 415062
Ion Ratio Lower Upper
138 100
108 10.5 8.3 12.5
92 125.7 87.0 130.4





#52

Acenaphthene

Concen: 169.690 ng/ul

RT: 14.533 min Scan# 1963

Delta R.T. 0.006 min

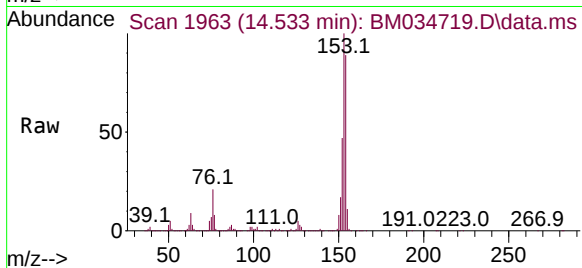
Lab File: BM034719.D

Acq: 18 Apr 2022 15:14

Instrument :

BNA_N

ClientSampleId :



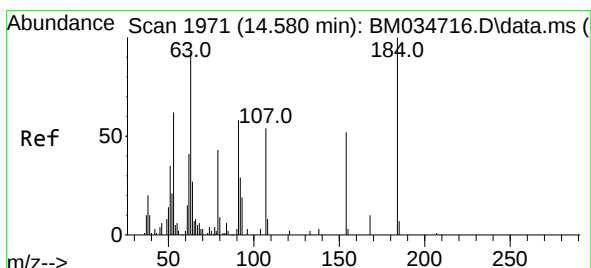
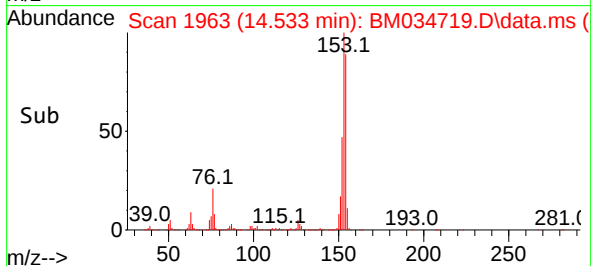
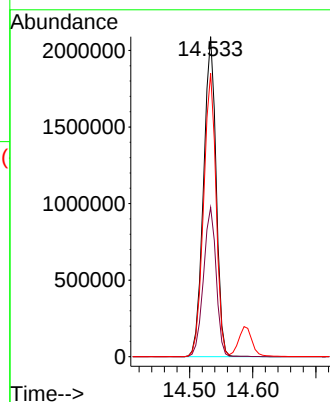
Tgt Ion:153 Resp: 2889521

Ion Ratio Lower Upper

153 100

152 46.6 37.4 56.0

154 88.6 71.0 106.4



#53

2,4-Dinitrophenol

Concen: 215.791 ng/ul

RT: 14.586 min Scan# 1972

Delta R.T. 0.006 min

Lab File: BM034719.D

Acq: 18 Apr 2022 15:14

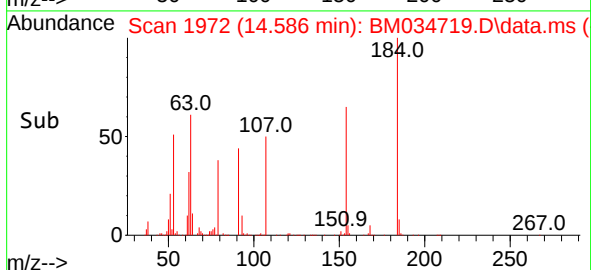
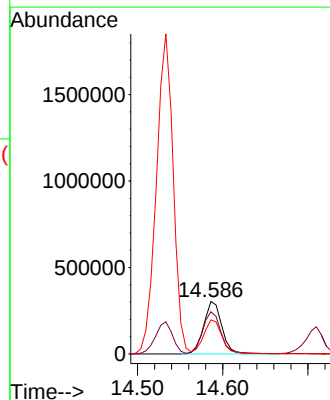
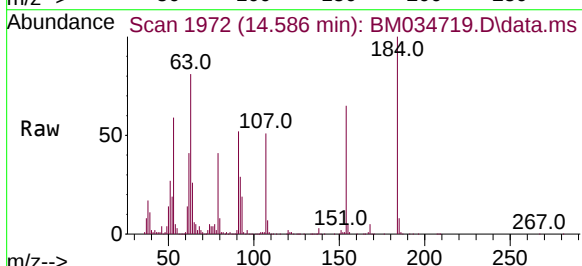
Tgt Ion:184 Resp: 450661

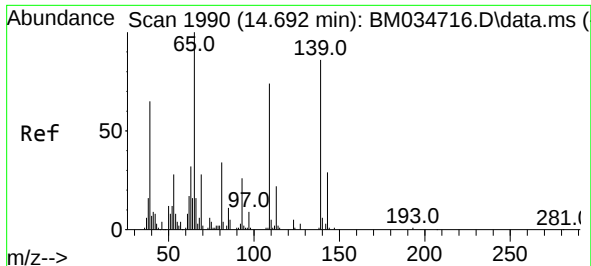
Ion Ratio Lower Upper

184 100

63 80.6 43.8 65.6#

154 64.9 49.9 74.9

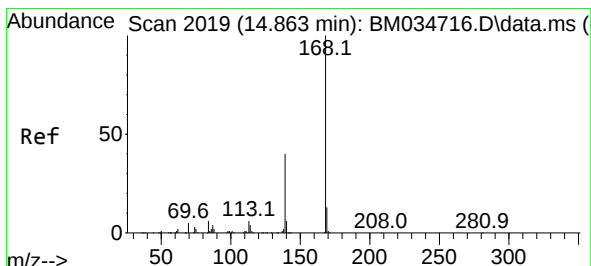
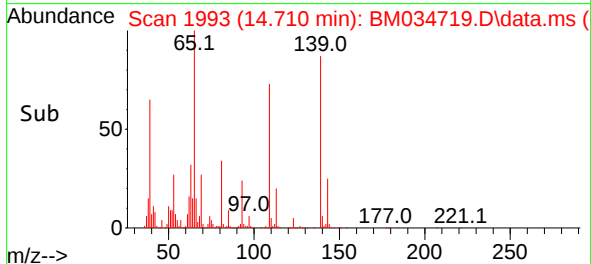
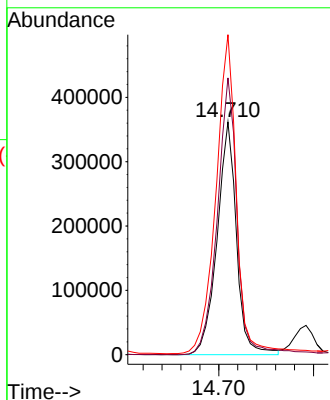
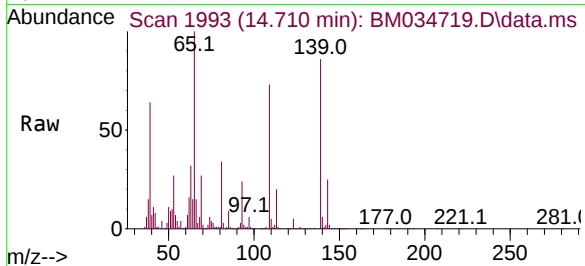




#55
4-Nitrophenol
Concen: 201.556 ng/ul
RT: 14.710 min Scan# 1990
Delta R.T. 0.018 min
Lab File: BM034719.D
Acq: 18 Apr 2022 15:14

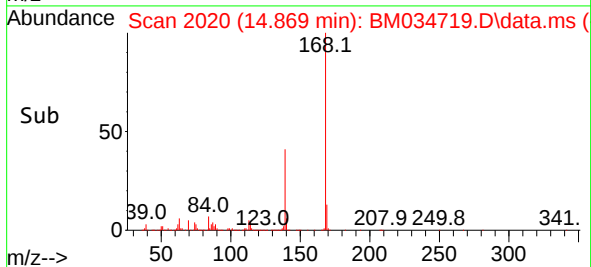
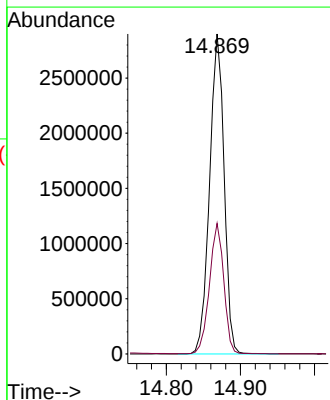
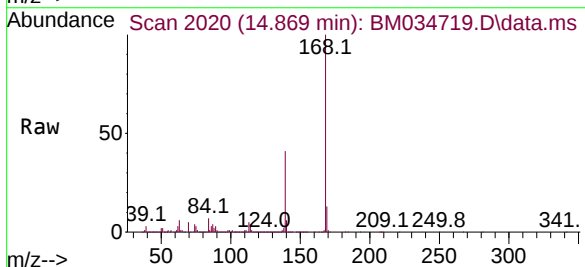
Instrument :
BNA_N
ClientSampleId :

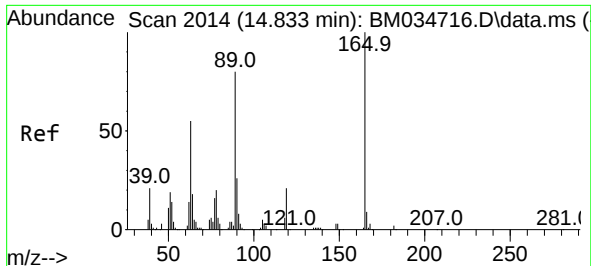
Tgt Ion:109 Resp: 514431
Ion Ratio Lower Upper
109 100
139 118.9 94.6 142.0
65 137.5 83.5 125.3#



#56
Dibenzofuran
Concen: 170.388 ng/ul
RT: 14.869 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BM034719.D
Acq: 18 Apr 2022 15:14

Tgt Ion:168 Resp: 3943330
Ion Ratio Lower Upper
168 100
139 40.8 29.8 44.6





#57

2,4-Dinitrotoluene

Concen: 191.555 ng/ul

RT: 14.839 min Scan# 2014

Delta R.T. 0.006 min

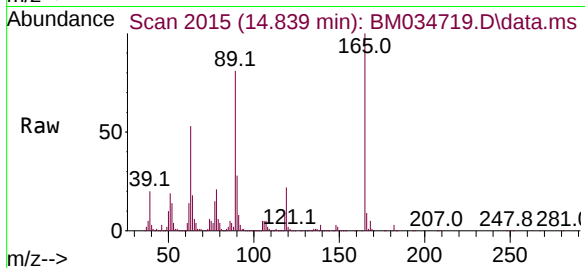
Lab File: BM034719.D

Acq: 18 Apr 2022 15:14

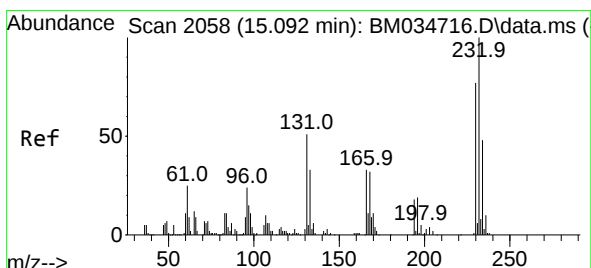
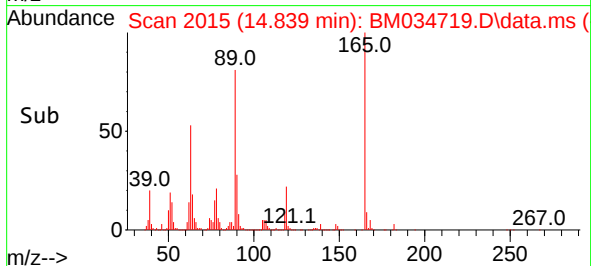
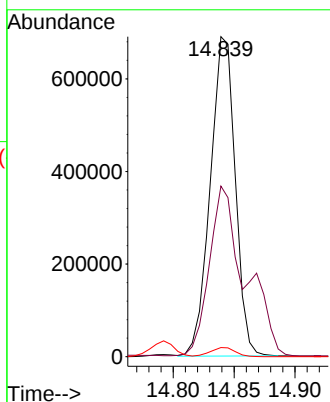
Instrument :

BNA_N

ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.3	30.2	45.4#
182	2.9	2.2	3.2



#58

2,3,4,6-Tetrachlorophenol

Concen: 179.287 ng/ul

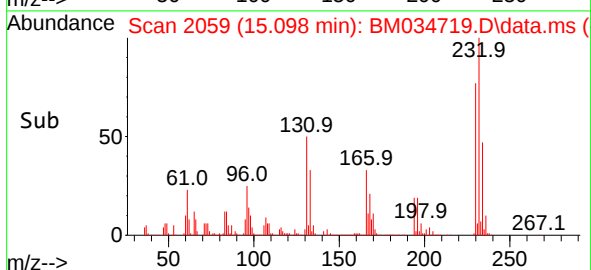
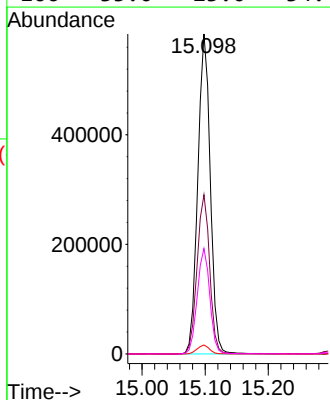
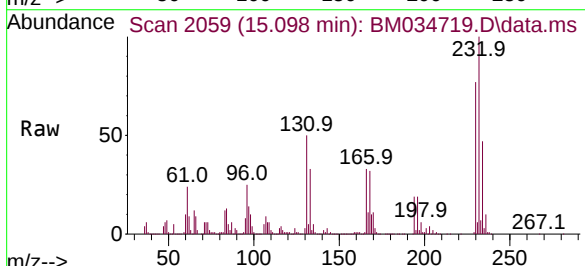
RT: 15.098 min Scan# 2059

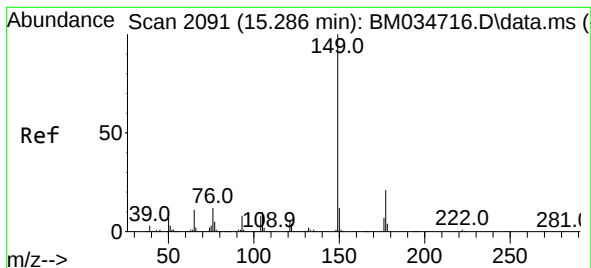
Delta R.T. 0.006 min

Lab File: BM034719.D

Acq: 18 Apr 2022 15:14

Tgt Ion	Ratio	Lower	Upper
232	100		
131	49.8	32.2	48.4#
130	2.8	1.9	2.9
166	33.0	23.0	34.4





#59

Diethylphthalate

Concen: 169.284 ng/ul

RT: 15.298 min Scan# 20

Delta R.T. 0.012 min

Lab File: BM034719.D

Acq: 18 Apr 2022 15:14

Instrument :

BNA_N

ClientSampleId :

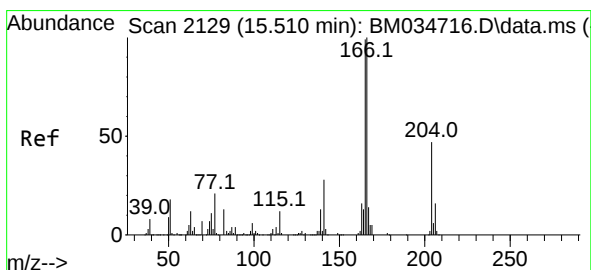
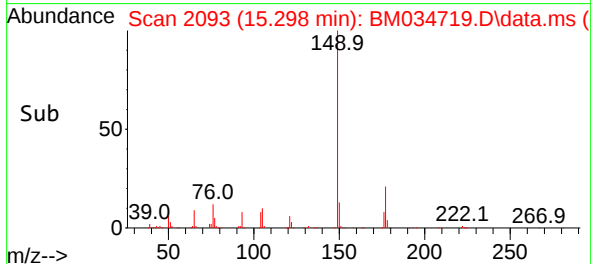
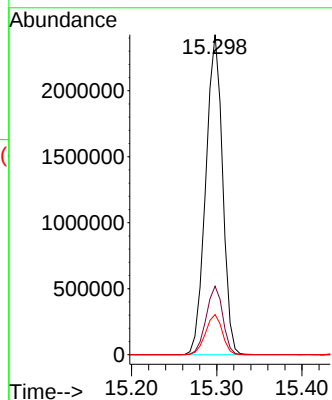
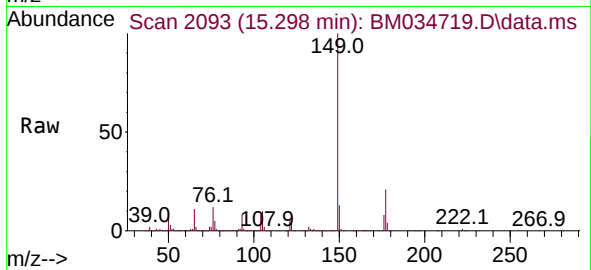
Tgt Ion:149 Resp: 3316817

Ion Ratio Lower Upper

149 100

177 21.4 17.9 26.9

150 12.6 10.2 15.2



#61

Fluorene

Concen: 173.422 ng/ul

RT: 15.516 min Scan# 2130

Delta R.T. 0.006 min

Lab File: BM034719.D

Acq: 18 Apr 2022 15:14

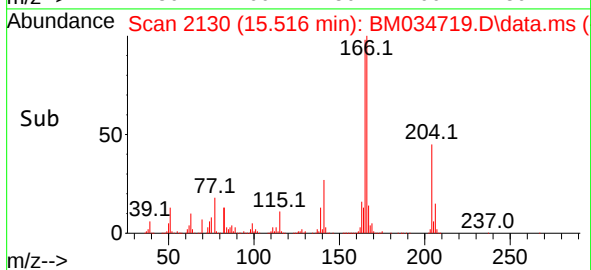
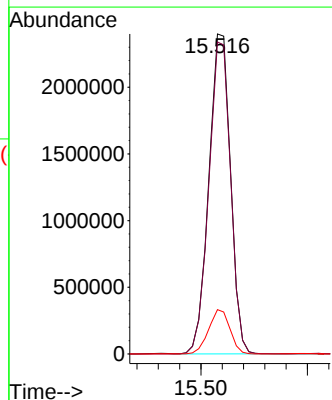
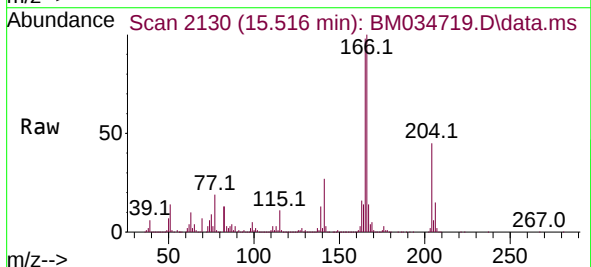
Tgt Ion:166 Resp: 3386296

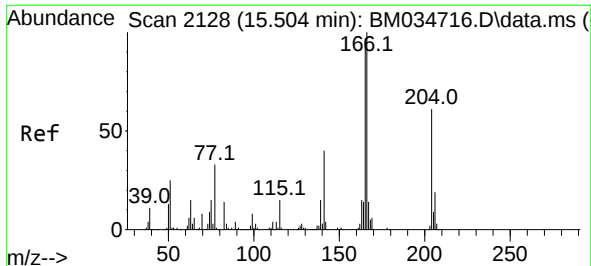
Ion Ratio Lower Upper

166 100

165 97.5 76.9 115.3

167 13.8 10.8 16.2

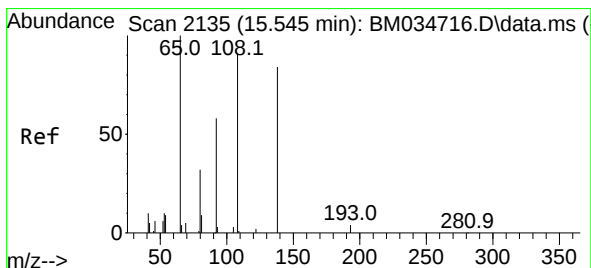
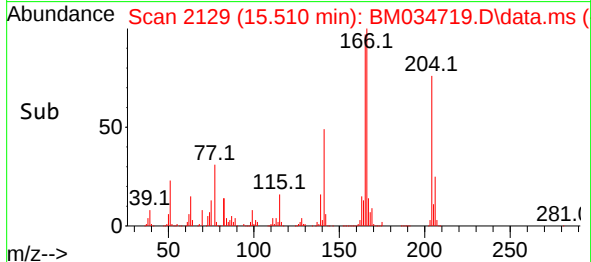
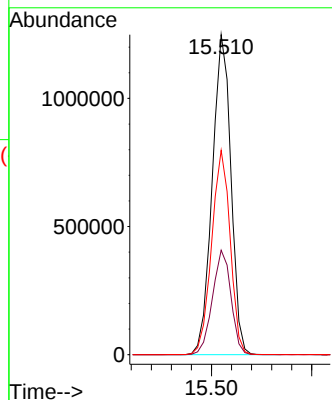
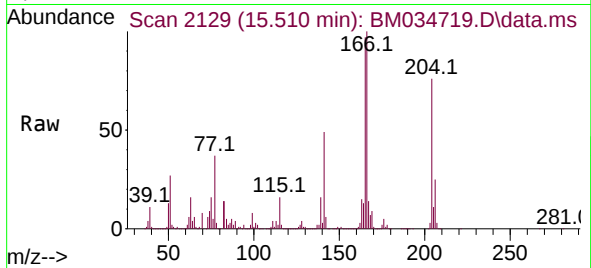




#62
4-Chlorophenyl-phenylether
Concen: 171.135 ng/ul
RT: 15.510 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BM034719.D
Acq: 18 Apr 2022 15:14

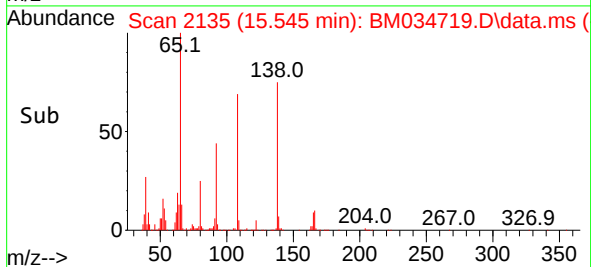
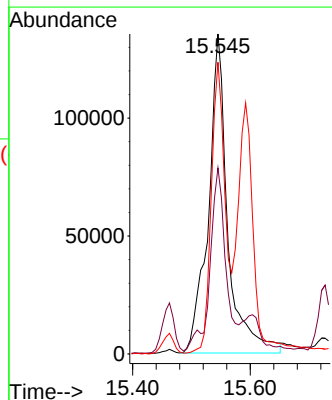
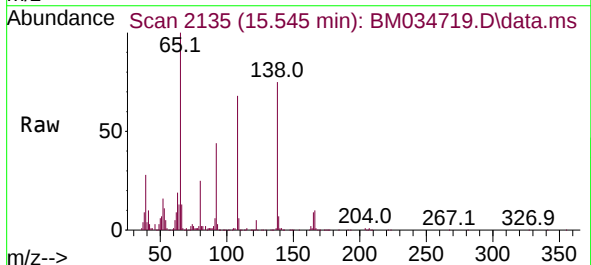
Instrument :
BNA_N
ClientSampleId :

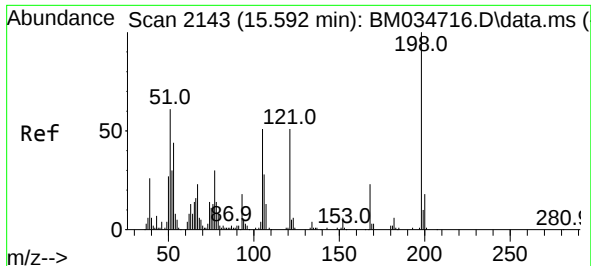
Tgt Ion:204 Resp: 1612973
Ion Ratio Lower Upper
204 100
206 32.7 25.5 38.3
141 63.9 44.2 66.2



#63
4-Nitroaniline
Concen: 108.961 ng/ul
RT: 15.545 min Scan# 2135
Delta R.T. 0.000 min
Lab File: BM034719.D
Acq: 18 Apr 2022 15:14

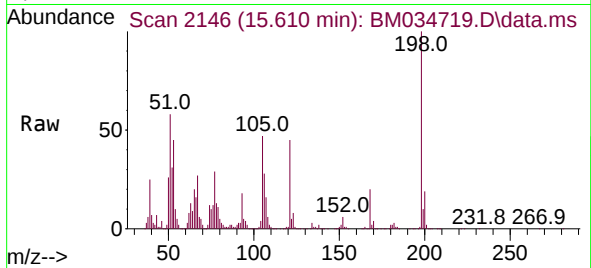
Tgt Ion:138 Resp: 310850
Ion Ratio Lower Upper
138 100
92 58.2 36.3 54.5#
108 91.2 68.9 103.3



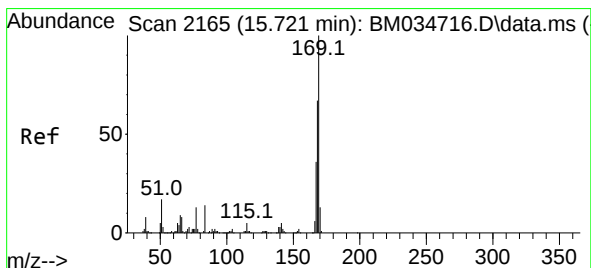
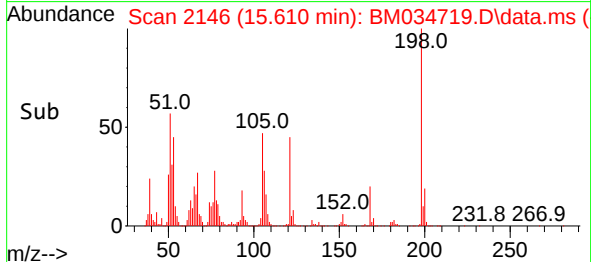
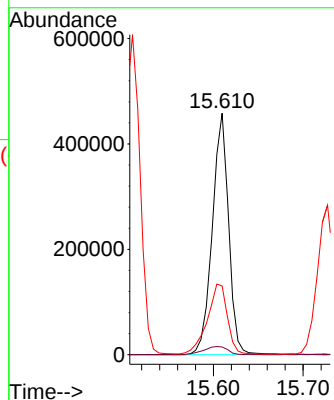


#66
4,6-Dinitro-2-methylphenol
Concen: 183.960 ng/ul
RT: 15.610 min Scan# 2146
Delta R.T. 0.018 min
Lab File: BM034719.D
Acq: 18 Apr 2022 15:14

Instrument :
BNA_N
ClientSampleId :

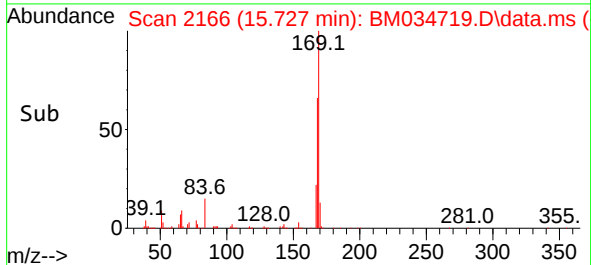
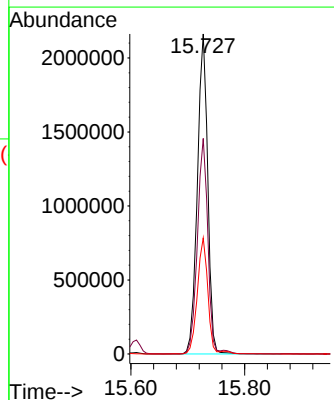
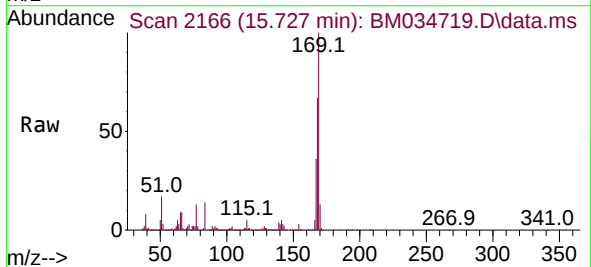


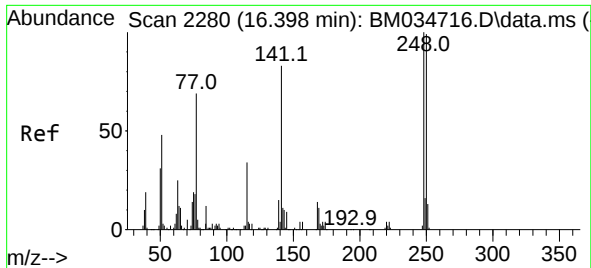
Tgt Ion:198 Resp: 579354
Ion Ratio Lower Upper
198 100
182 3.2 3.8 5.6#
77 28.5 18.5 27.7#



#67
N-Nitrosodiphenylamine
Concen: 178.610 ng/ul
RT: 15.727 min Scan# 2166
Delta R.T. 0.006 min
Lab File: BM034719.D
Acq: 18 Apr 2022 15:14

Tgt Ion:169 Resp: 2753190
Ion Ratio Lower Upper
169 100
168 67.3 52.8 79.2
167 36.2 28.1 42.1

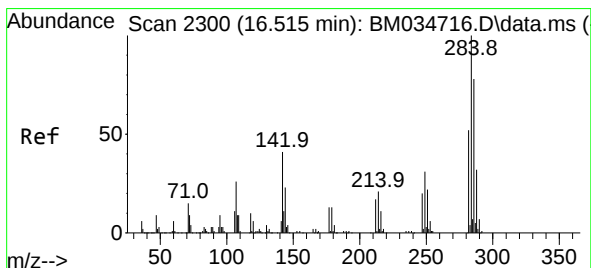
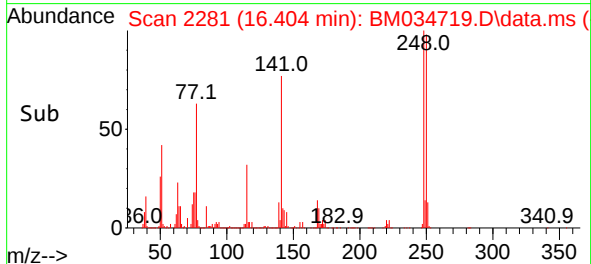
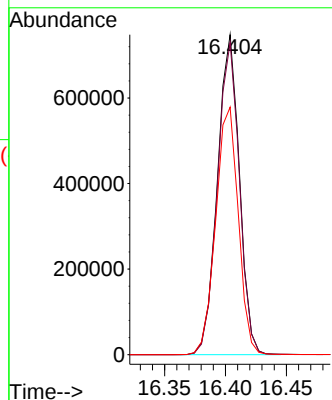
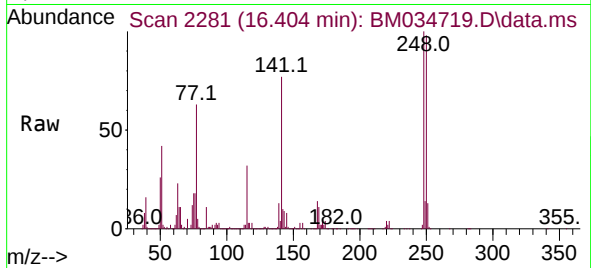




#68
4-Bromophenyl-phenylether
Concen: 175.665 ng/ul
RT: 16.404 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM034719.D
Acq: 18 Apr 2022 15:14

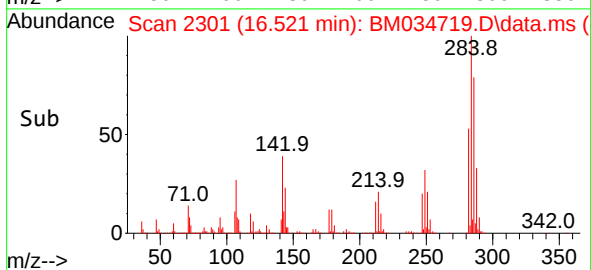
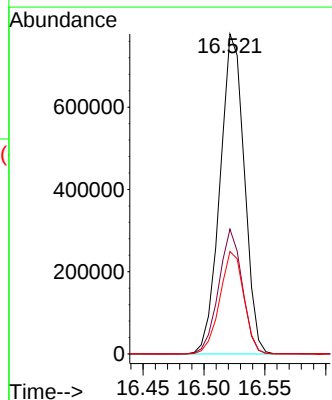
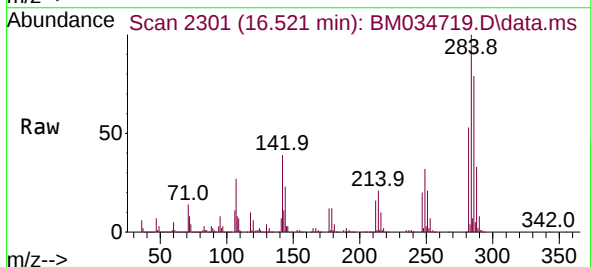
Instrument :
BNA_N
ClientSampleId :

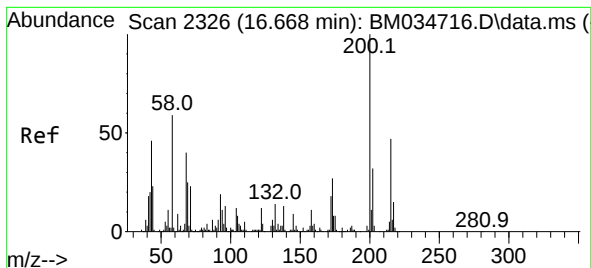
Tgt Ion:248 Resp: 939508
Ion Ratio Lower Upper
248 100
250 97.5 78.4 117.6
141 77.4 51.4 77.2#



#69
Hexachlorobenzene
Concen: 168.171 ng/ul
RT: 16.521 min Scan# 2301
Delta R.T. 0.006 min
Lab File: BM034719.D
Acq: 18 Apr 2022 15:14

Tgt Ion:284 Resp: 1080195
Ion Ratio Lower Upper
284 100
142 39.0 24.6 36.8#
249 32.0 24.1 36.1





#70

Atrazine

Concen: 171.800 ng/ul

RT: 16.686 min Scan# 21

Delta R.T. 0.018 min

Lab File: BM034719.D

Acq: 18 Apr 2022 15:14

Instrument :

BNA_N

ClientSampleId :

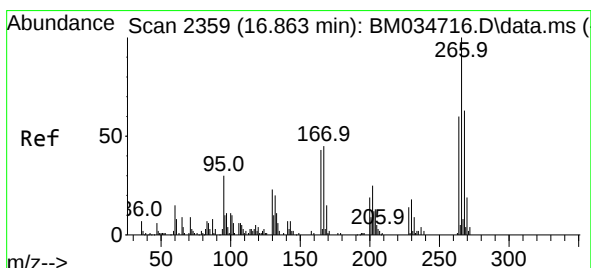
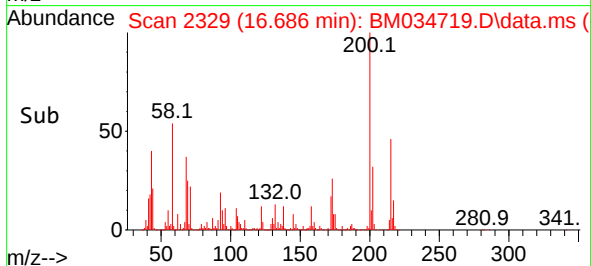
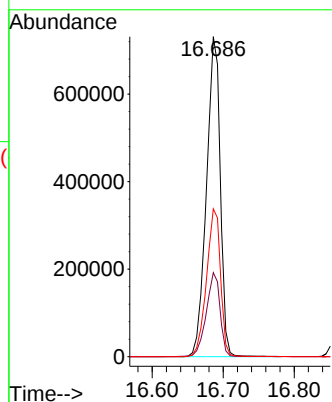
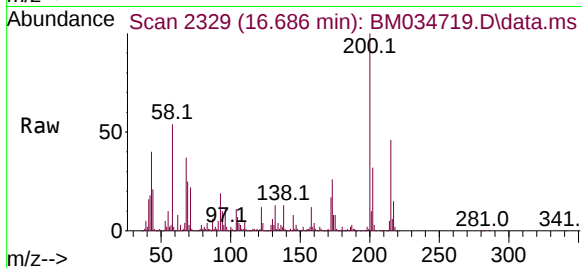
Tgt Ion:200 Resp: 991023

Ion Ratio Lower Upper

200 100

173 26.3 20.2 30.4

215 46.2 38.4 57.6



#71

Pentachlorophenol

Concen: 177.260 ng/ul

RT: 16.868 min Scan# 2360

Delta R.T. 0.006 min

Lab File: BM034719.D

Acq: 18 Apr 2022 15:14

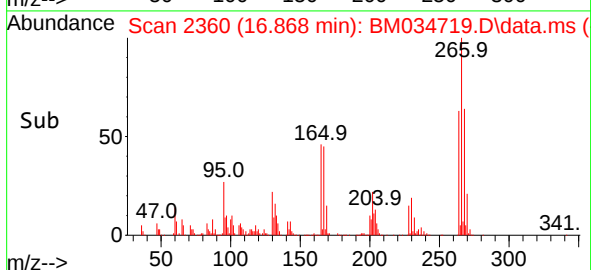
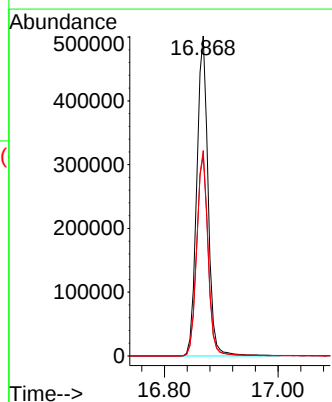
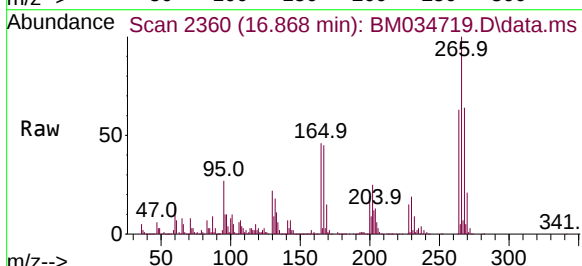
Tgt Ion:266 Resp: 697162

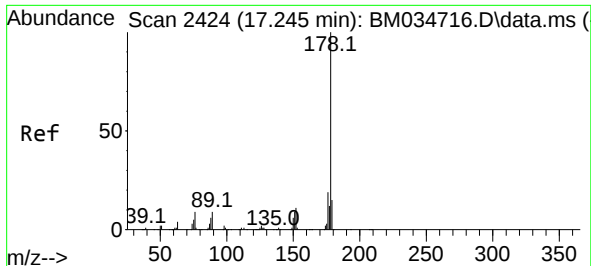
Ion Ratio Lower Upper

266 100

264 62.8 49.3 73.9

268 64.2 50.3 75.5

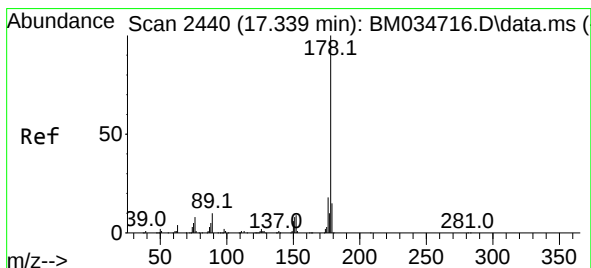
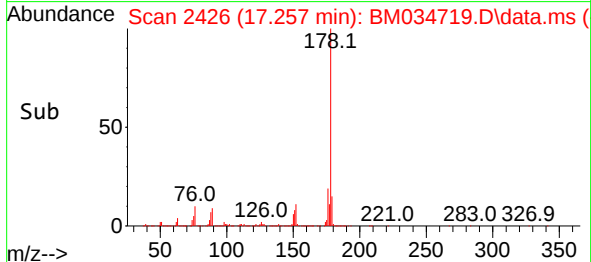
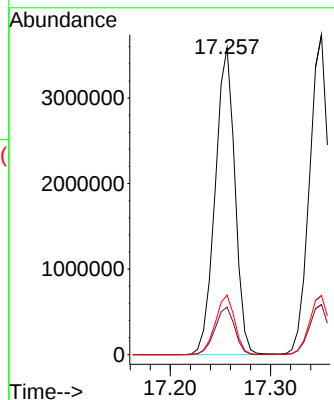
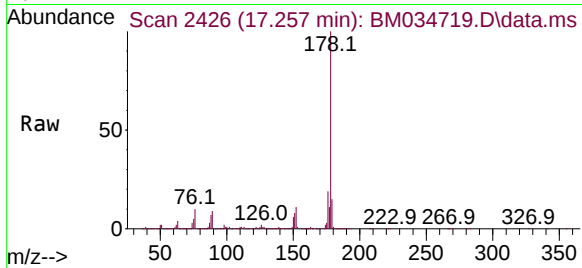




#72
Phenanthrene
Concen: 169.524 ng/u1
RT: 17.257 min Scan# 2424
Delta R.T. 0.012 min
Lab File: BM034719.D
Acq: 18 Apr 2022 15:14

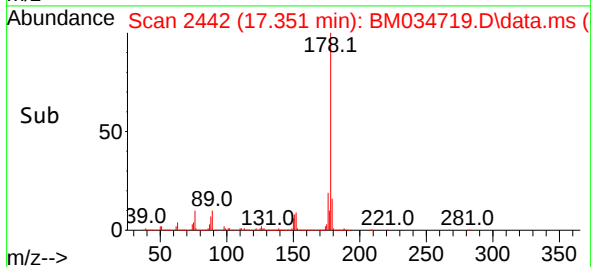
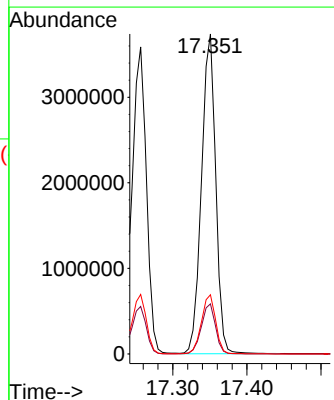
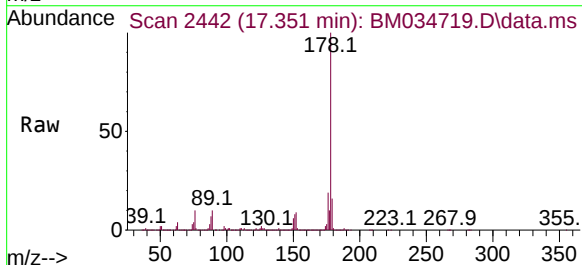
Instrument :
BNA_N
ClientSampleId :

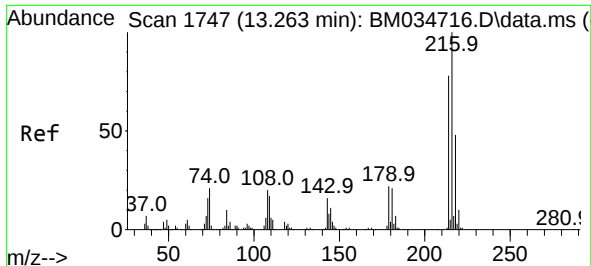
Tgt Ion:178 Resp: 4894185
Ion Ratio Lower Upper
178 100
179 15.5 11.7 17.5
176 19.4 15.0 22.4



#74
Anthracene
Concen: 174.045 ng/u1
RT: 17.351 min Scan# 2442
Delta R.T. 0.012 min
Lab File: BM034719.D
Acq: 18 Apr 2022 15:14

Tgt Ion:178 Resp: 4978996
Ion Ratio Lower Upper
178 100
179 15.6 11.9 17.9
176 18.5 14.4 21.6

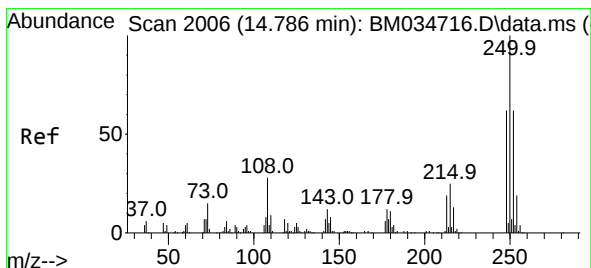
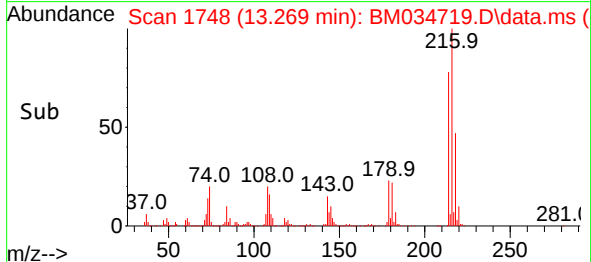
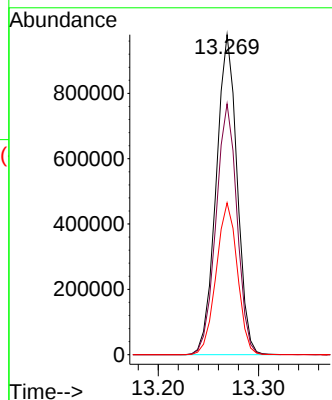
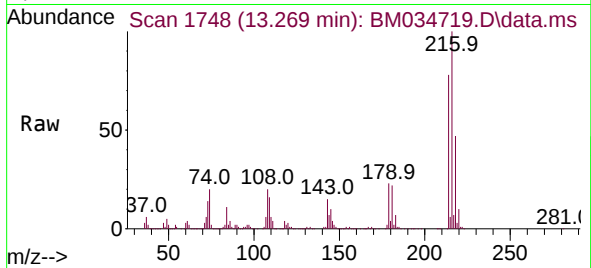




#75
1,2,3,4-Tetrachlorobenzene
Concen: 174.634 ng/uL
RT: 13.269 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM034719.D
Acq: 18 Apr 2022 15:14

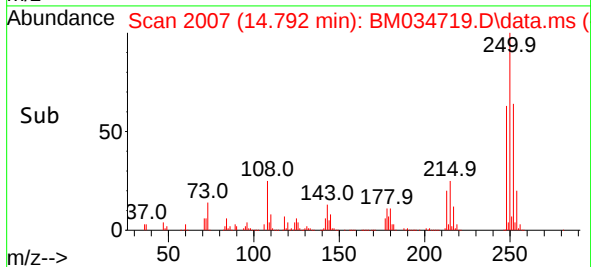
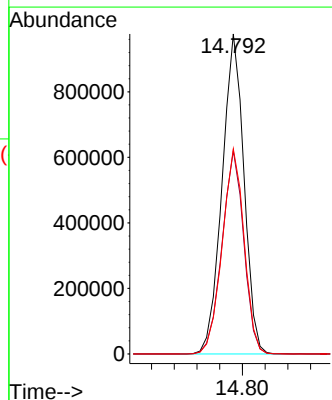
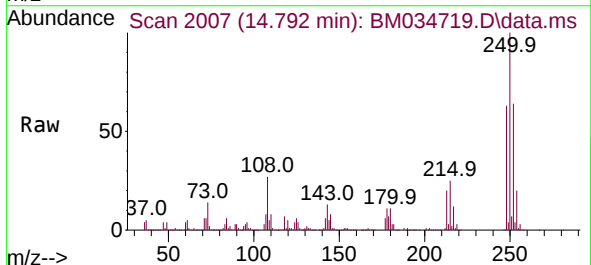
Instrument :
BNA_N
ClientSampleId :

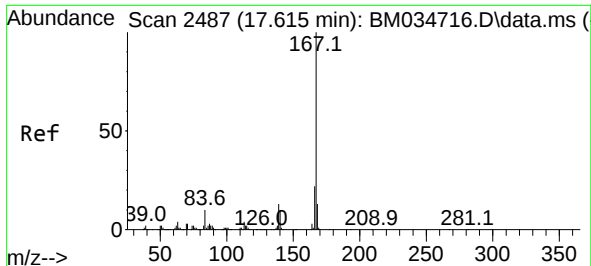
Tgt Ion:216 Resp: 1419064
Ion Ratio Lower Upper
216 100
214 78.4 62.0 93.0
218 47.4 37.8 56.8



#76
Pentachlorobenzene
Concen: 171.143 ng/uL
RT: 14.792 min Scan# 2007
Delta R.T. 0.006 min
Lab File: BM034719.D
Acq: 18 Apr 2022 15:14

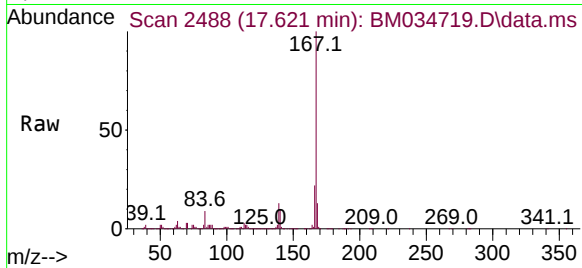
Tgt Ion:250 Resp: 1305092
Ion Ratio Lower Upper
250 100
248 63.5 50.6 75.8
252 64.1 50.2 75.4





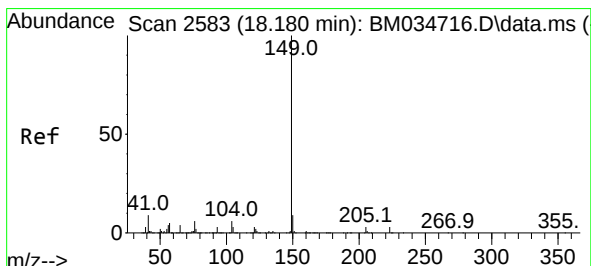
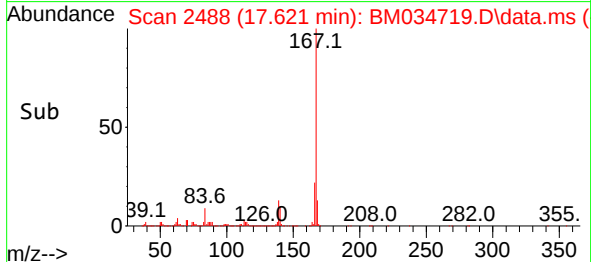
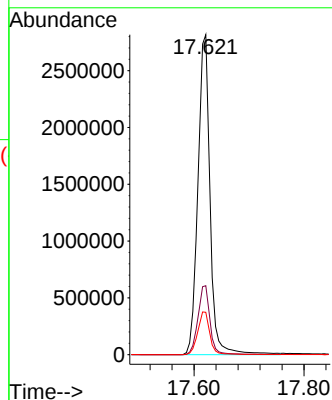
#77
 Carbazole
 Concen: 182.936 ng/ul
 RT: 17.621 min Scan# 2488
 Delta R.T. 0.006 min
 Lab File: BM034719.D
 Acq: 18 Apr 2022 15:14

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:167 Resp: 4329333

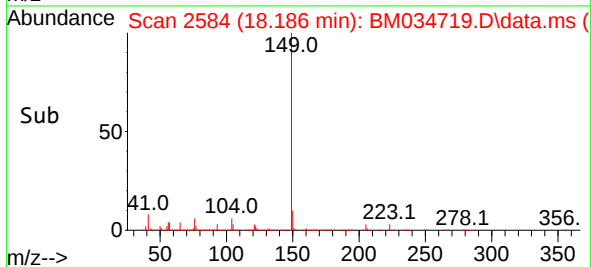
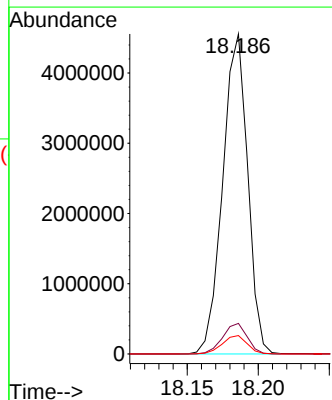
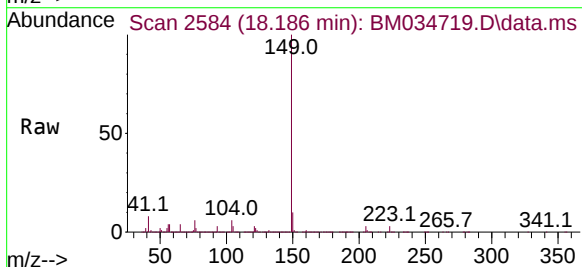
Ion	Ratio	Lower	Upper
167	100		
166	21.5	16.6	25.0
139	13.2	9.9	14.9

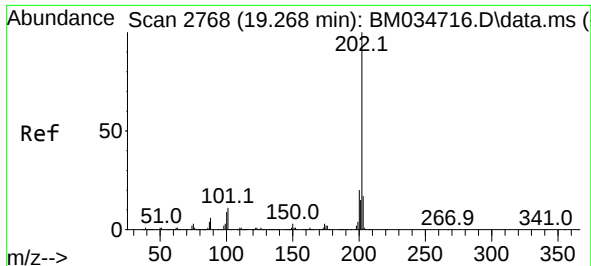


#78
 Di-n-butylphthalate
 Concen: 184.938 ng/ul
 RT: 18.186 min Scan# 2584
 Delta R.T. 0.006 min
 Lab File: BM034719.D
 Acq: 18 Apr 2022 15:14

Tgt Ion:149 Resp: 5555023

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.4	11.0
104	5.8	4.2	6.2

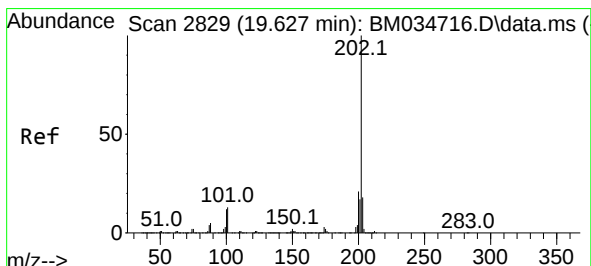
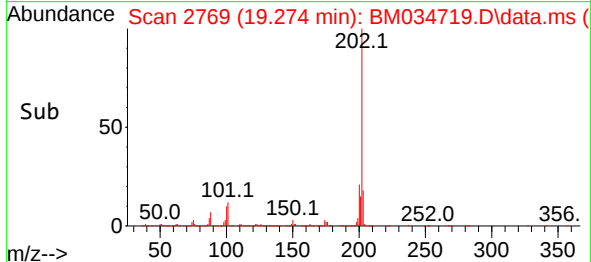
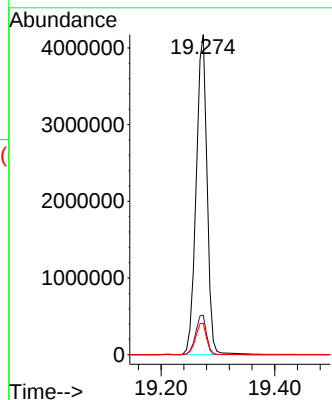
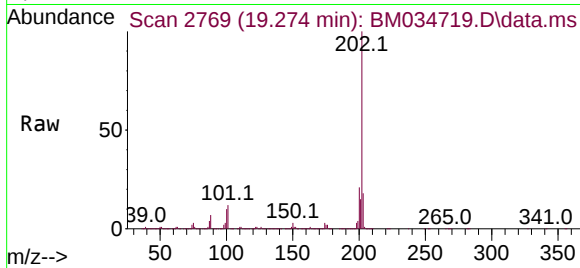




#80
Fluoranthene
Concen: 176.045 ng/u1
RT: 19.274 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM034719.D
Acq: 18 Apr 2022 15:14

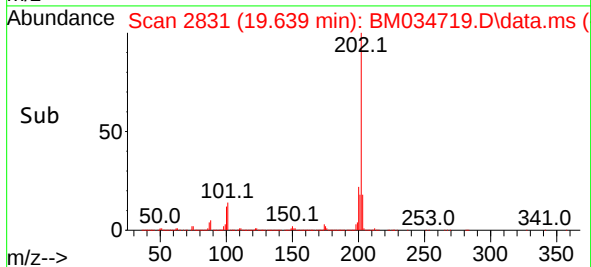
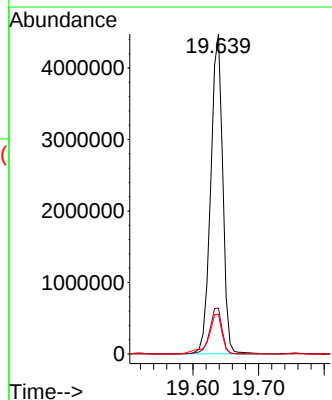
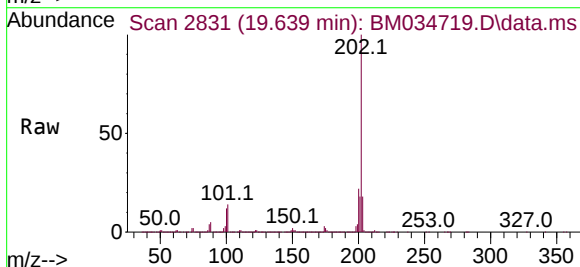
Instrument :
BNA_N
ClientSampleId :

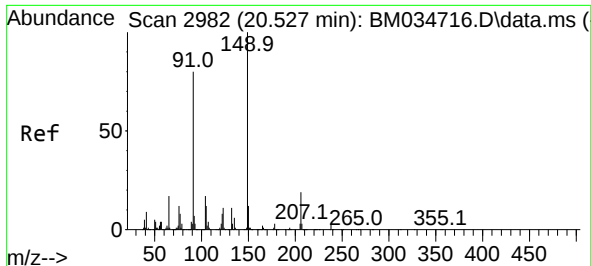
Tgt Ion:202 Resp: 5575238
Ion Ratio Lower Upper
202 100
101 12.3 6.2 9.2#
100 9.9 4.7 7.1#



#82
Pyrene
Concen: 165.537 ng/u1
RT: 19.639 min Scan# 2831
Delta R.T. 0.012 min
Lab File: BM034719.D
Acq: 18 Apr 2022 15:14

Tgt Ion:202 Resp: 5698038
Ion Ratio Lower Upper
202 100
101 14.4 7.0 10.4#
100 12.4 5.8 8.6#

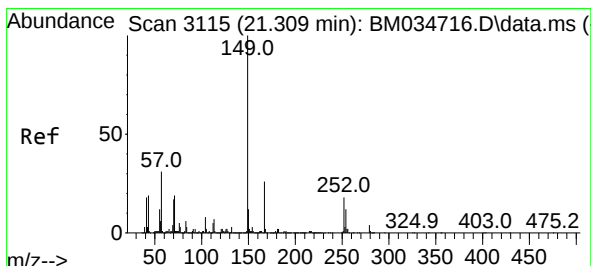
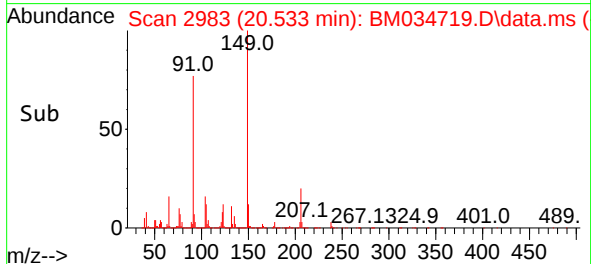
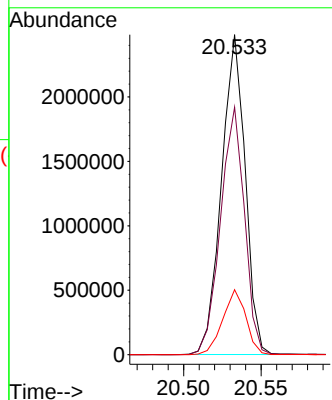
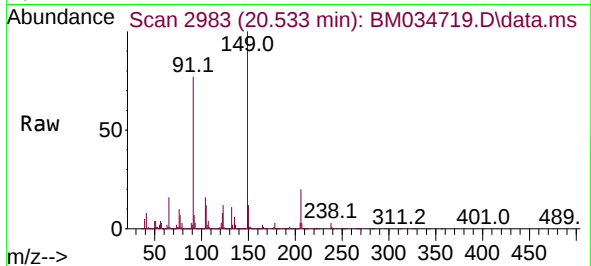




#83
Butylbenzylphthalate
Concen: 195.807 ng/ul
RT: 20.533 min Scan# 2982
Delta R.T. 0.006 min
Lab File: BM034719.D
Acq: 18 Apr 2022 15:14

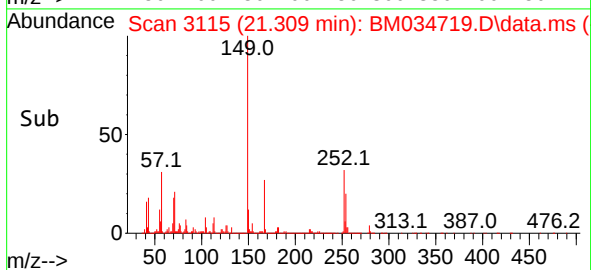
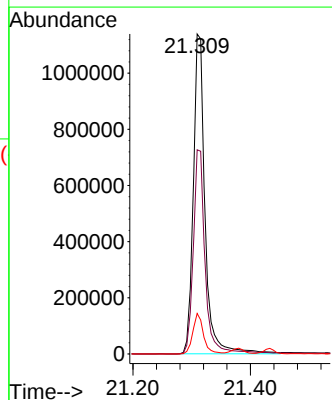
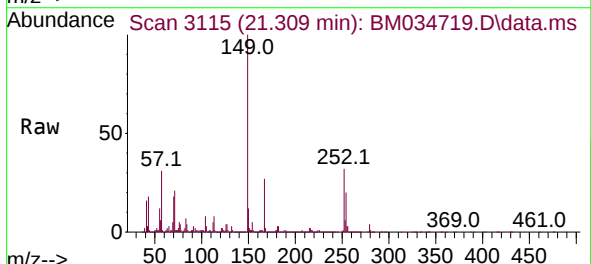
Instrument :
BNA_N
ClientSampleId :

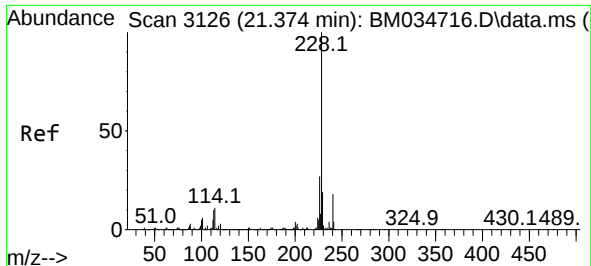
Tgt Ion:149 Resp: 2638600
Ion Ratio Lower Upper
149 100
91 77.3 50.9 76.3#
206 20.3 19.3 28.9



#84
3,3'-Dichlorobenzidine
Concen: 172.315 ng/ul
RT: 21.309 min Scan# 3115
Delta R.T. 0.000 min
Lab File: BM034719.D
Acq: 18 Apr 2022 15:14

Tgt Ion:252 Resp: 1583397
Ion Ratio Lower Upper
252 100
254 63.8 50.7 76.1
126 12.6 6.6 9.8#

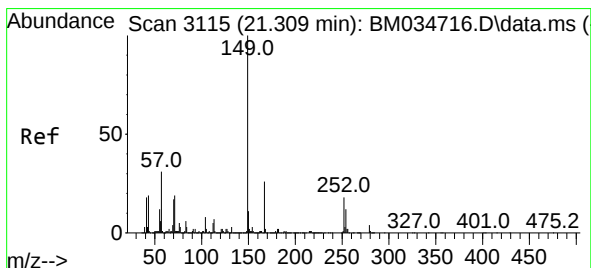
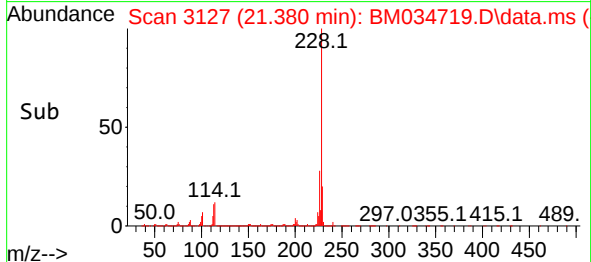
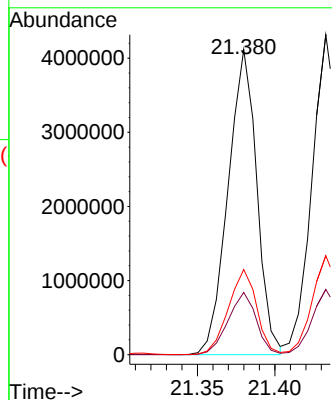
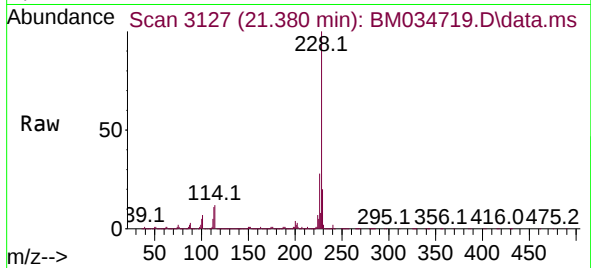




#85
Benzo(a)anthracene
Concen: 173.857 ng/ul
RT: 21.380 min Scan# 3126
Delta R.T. 0.006 min
Lab File: BM034719.D
Acq: 18 Apr 2022 15:14

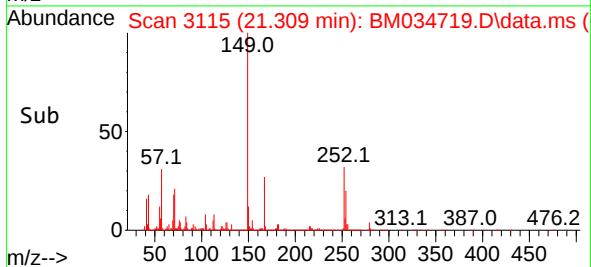
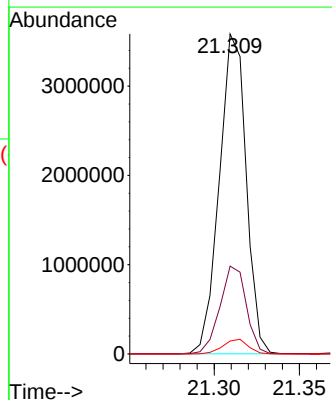
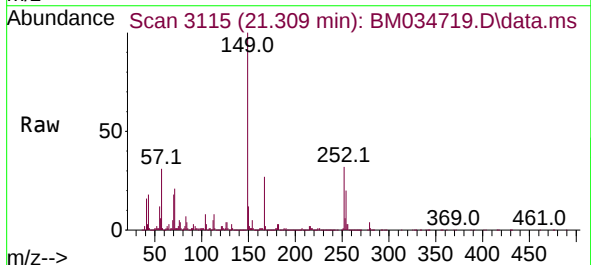
Instrument :
BNA_N
ClientSampleId :

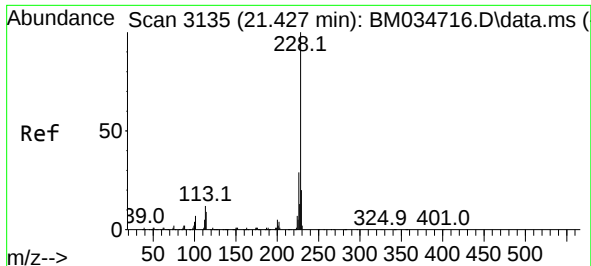
Tgt Ion:228 Resp: 5300324
Ion Ratio Lower Upper
228 100
229 20.4 15.4 23.2
226 27.9 21.0 31.4



#86
Bis(2-ethylhexyl)phthalate
Concen: 194.924 ng/ul
RT: 21.309 min Scan# 3115
Delta R.T. 0.000 min
Lab File: BM034719.D
Acq: 18 Apr 2022 15:14

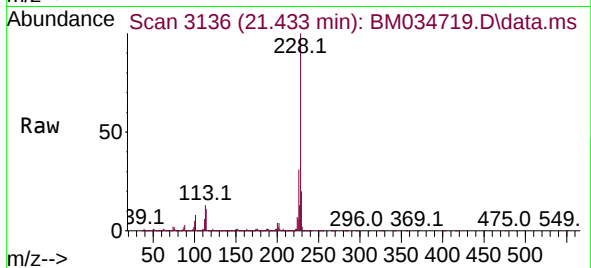
Tgt Ion:149 Resp: 3931250
Ion Ratio Lower Upper
149 100
167 27.4 22.1 33.1
279 4.1 4.2 6.2#



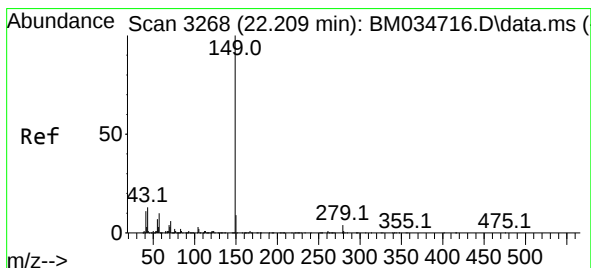
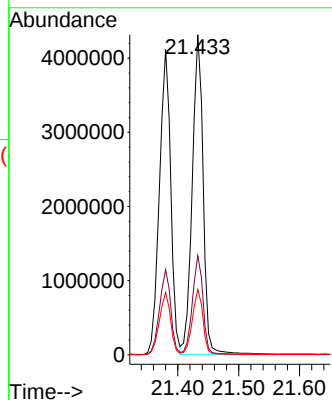
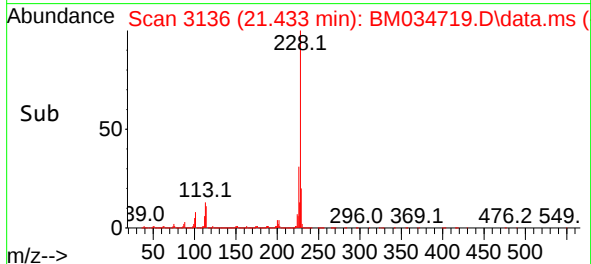


#87
Chrysene
Concen: 162.585 ng/u1
RT: 21.433 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM034719.D
Acq: 18 Apr 2022 15:14

Instrument :
BNA_N
ClientSampleId :

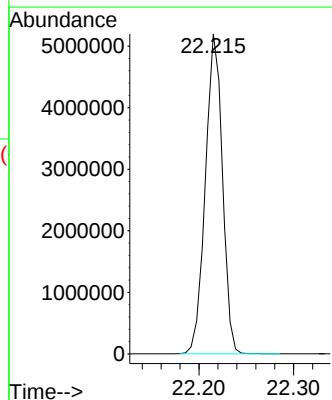
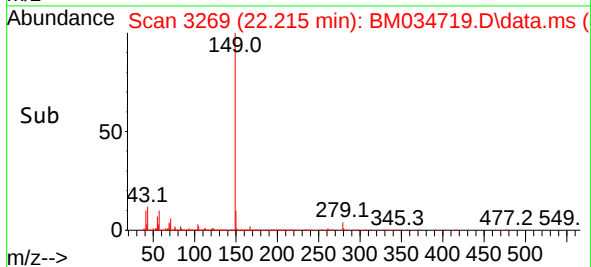
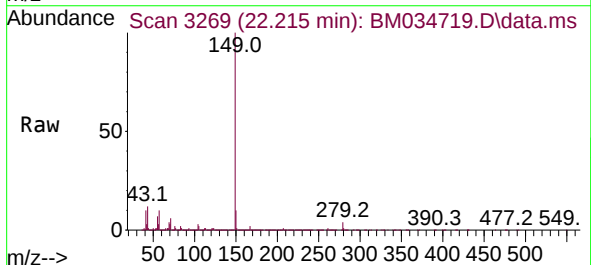


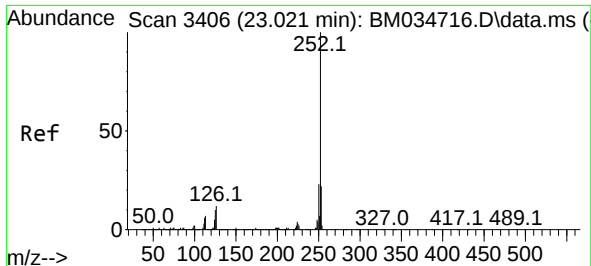
Tgt Ion:228 Resp: 5344809
Ion Ratio Lower Upper
228 100
226 30.9 23.4 35.2
229 20.4 15.4 23.0



#89
Di-n-octyl phthalate
Concen: 179.670 ng/u1
RT: 22.215 min Scan# 3269
Delta R.T. 0.006 min
Lab File: BM034719.D
Acq: 18 Apr 2022 15:14

Tgt Ion:149 Resp: 6487291

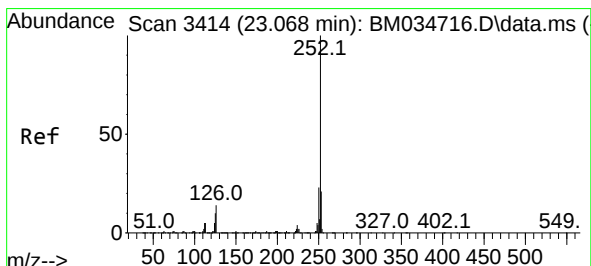
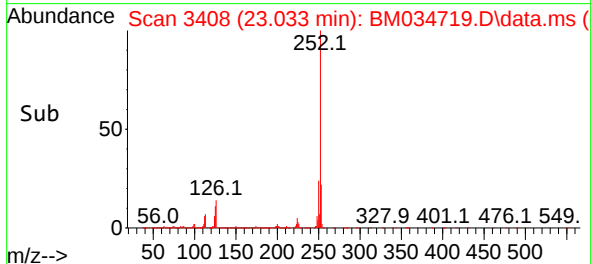
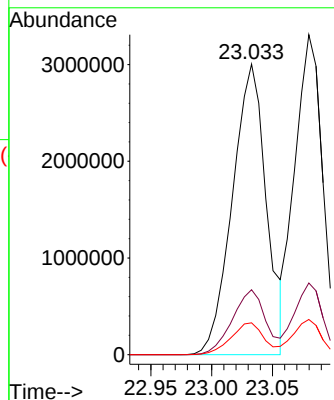
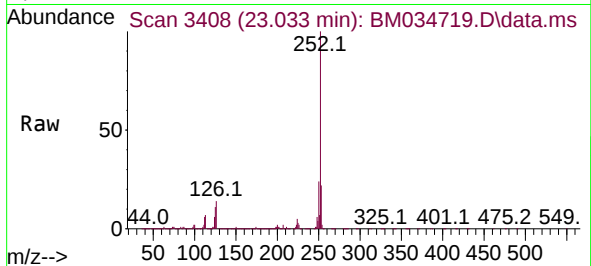




#90
Benzo(b)fluoranthene
Concen: 180.776 ng/ul
RT: 23.033 min Scan# 3406
Delta R.T. 0.012 min
Lab File: BM034719.D
Acq: 18 Apr 2022 15:14

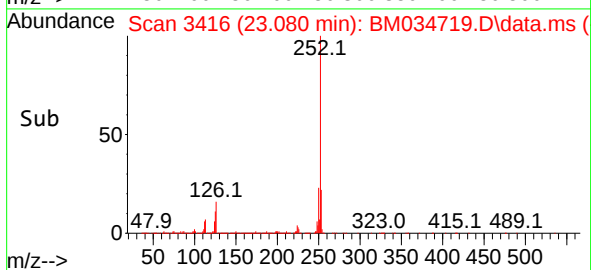
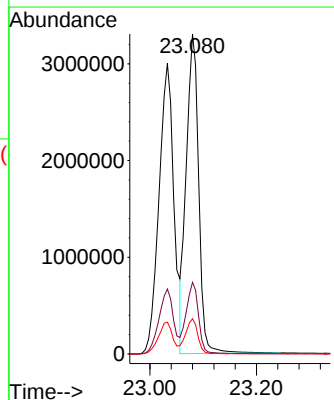
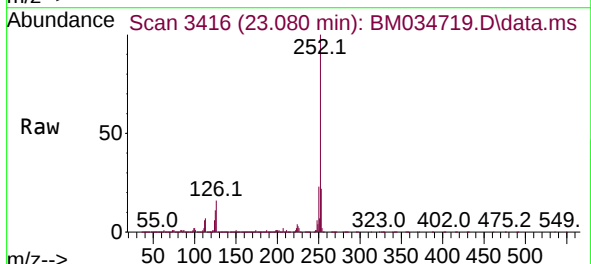
Instrument :
BNA_N
ClientSampleId :

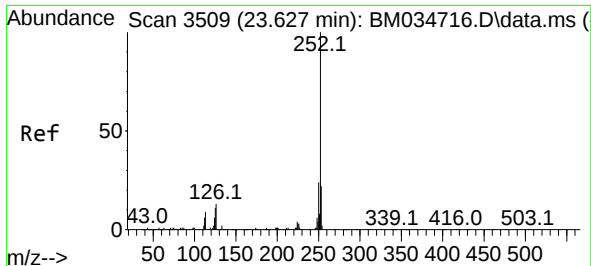
Tgt Ion:252 Resp: 5825912
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 10.9 5.8 8.6#



#91
Benzo(k)fluoranthene
Concen: 158.506 ng/ul
RT: 23.080 min Scan# 3416
Delta R.T. 0.012 min
Lab File: BM034719.D
Acq: 18 Apr 2022 15:14

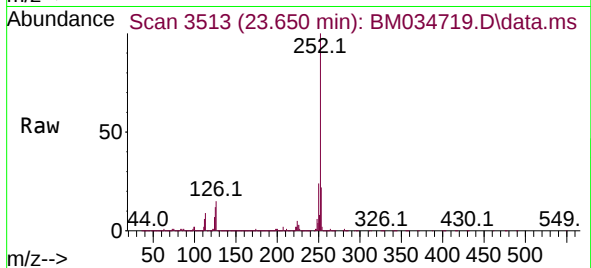
Tgt Ion:252 Resp: 5364410
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 11.0 5.1 7.7#



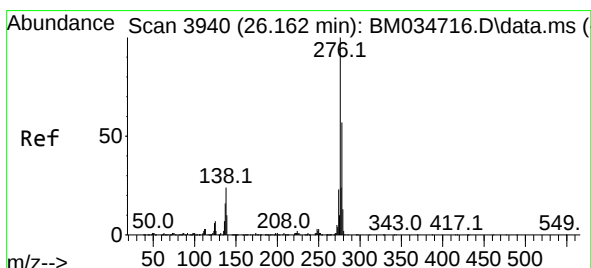
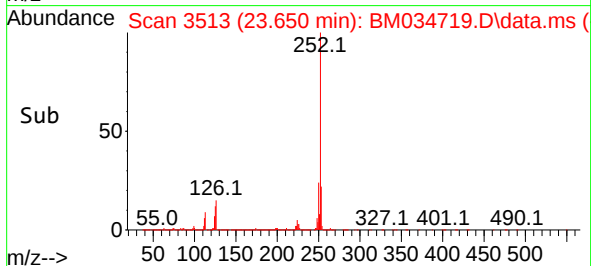
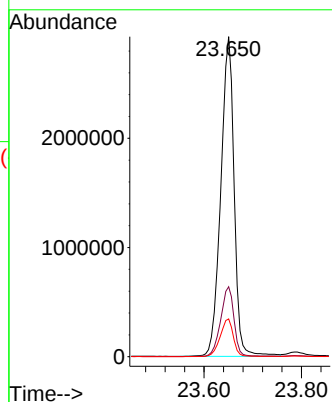


#93
Benzo(a)pyrene
Concen: 175.744 ng/ul
RT: 23.650 min Scan# 31
Delta R.T. 0.024 min
Lab File: BM034719.D
Acq: 18 Apr 2022 15:14

Instrument :
BNA_N
ClientSampleId :

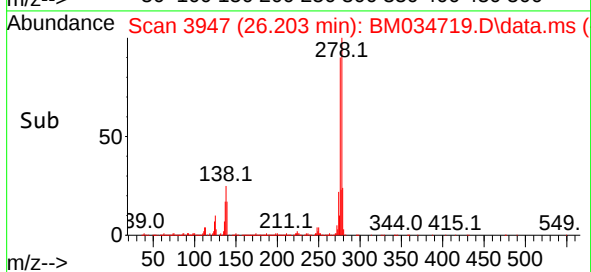
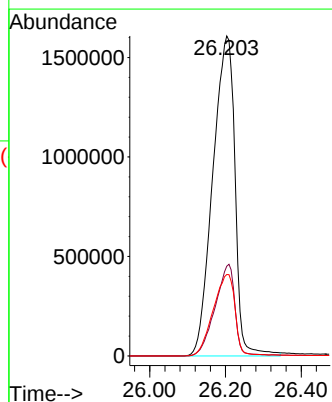
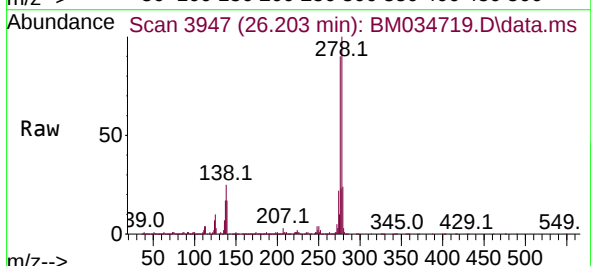


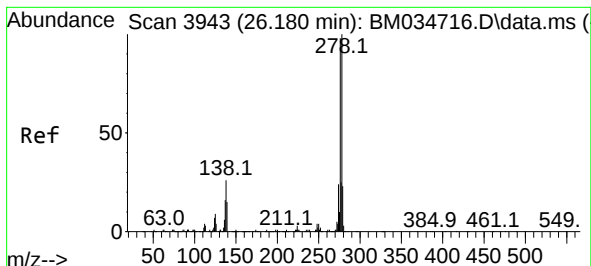
Tgt Ion:252 Resp: 5597706
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 11.8 6.2 9.4#



#94
Indeno(1,2,3-cd)pyrene
Concen: 191.984 ng/ul
RT: 26.203 min Scan# 3947
Delta R.T. 0.041 min
Lab File: BM034719.D
Acq: 18 Apr 2022 15:14

Tgt Ion:276 Resp: 6544021
Ion Ratio Lower Upper
276 100
138 28.0 13.6 20.4#
277 25.5 19.9 29.9





#95

Dibenzo(a,h)anthracene

Concen: 199.105 ng/ul

RT: 26.215 min Scan# 3949

Delta R.T. 0.035 min

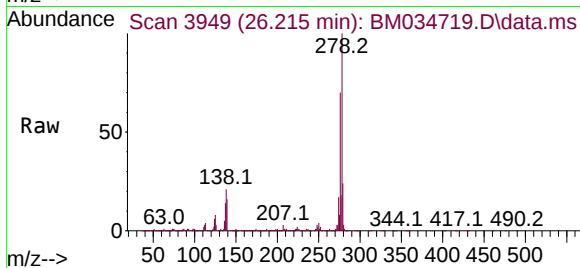
Lab File: BM034719.D

Acq: 18 Apr 2022 15:14

Instrument :

BNA_N

ClientSampleId :



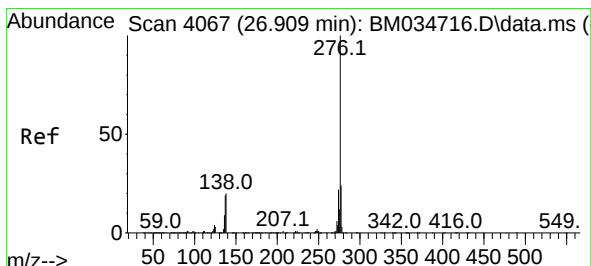
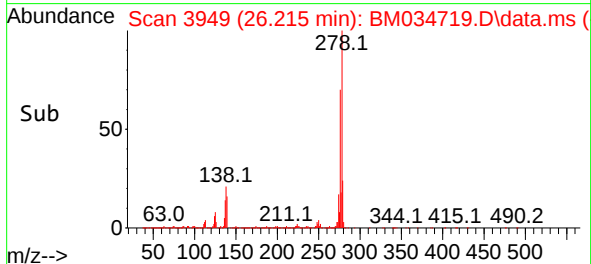
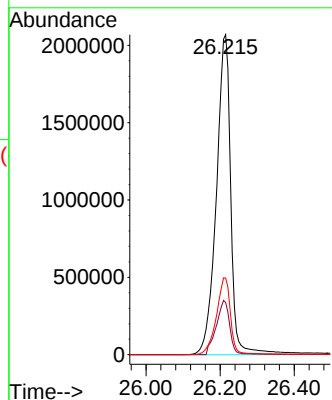
Tgt Ion:278 Resp: 5563837

Ion Ratio Lower Upper

278 100

139 16.3 9.6 14.4#

279 23.9 19.3 28.9



#96

Benzo(g,h,i)perylene

Concen: 169.424 ng/ul

RT: 26.950 min Scan# 4074

Delta R.T. 0.041 min

Lab File: BM034719.D

Acq: 18 Apr 2022 15:14

Tgt Ion:276 Resp: 5543144

Ion Ratio Lower Upper

276 100

138 21.4 11.8 17.6#

277 24.0 18.8 28.2

