

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072722\
 Data File : BM035946.D
 Acq On : 27 Jul 2022 12:17
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 27 23:12:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 27 03:28:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.892	152	279220	20.000	ng/u1	0.00
20) Naphthalene-d8	10.704	136	1120115	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.533	164	652019	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.274	188	1334287	20.000	ng/u1	0.00
79) Chrysene-d12	21.450	240	1278957	20.000	ng/u1	-0.01
88) Perylene-d12	23.838	264	1393174	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	59815	8.061	ng/uL	0.00
4) Pyridine-d5	3.704	84	383962	18.888	ng/u1	0.00
7) Phenol-d5	7.063	99	438415	18.724	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	281527	18.036	ng/u1	0.00
11) 2-Chlorophenol-d4	7.422	132	400003	20.581	ng/u1	0.00
15) 4-Methylphenol-d8	8.610	113	353701	18.646	ng/u1	-0.01
21) Nitrobenzene-d5	9.063	128	193372	21.786	ng/u1	0.00
24) 2-Nitrophenol-d4	9.786	143	198749	22.983	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	337729	21.594	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.839	131	531359	20.069	ng/u1	-0.01
46) Dimethylphthalate-d6	13.945	166	941976	21.209	ng/u1	0.00
49) Acenaphthylene-d8	14.227	160	1199051	21.159	ng/u1	0.00
54) 4-Nitrophenol-d4	14.739	143	183889	20.162	ng/u1	-0.01
60) Fluorene-d10	15.521	176	834859	20.802	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	145095	20.230	ng/u1	-0.01
73) Anthracene-d10	17.374	188	1271785	21.083	ng/u1	0.00
81) Pyrene-d10	19.662	212	1428899	20.159	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.685	264	1437946	20.330	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.310	88	61437	7.990	ng/uL	93
5) Pyridine	3.722	79	397455	18.632	ng/u1	88
6) Benzaldehyde	7.034	77	135379	13.776	ng/u1	98
8) Phenol	7.087	94	476097	18.580	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.316	93	376302	18.266	ng/u1	96
12) 2-Chlorophenol	7.457	128	401068	20.116	ng/u1	97
13) 2-Methylphenol	8.345	108	356437	18.620	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.428	45	480995	17.689	ng/u1	96
16) Acetophenone	8.722	105	557899	18.318	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.710	70	277069	18.243	ng/u1	92
18) 4-Methylphenol	8.675	108	377973	18.405	ng/u1	98
19) Hexachloroethane	8.969	117	168019	20.425	ng/u1	94
22) Nitrobenzene	9.104	77	403392	19.861	ng/u1	97
23) Isophorone	9.633	82	761101	19.851	ng/u1	98
25) 2-Nitrophenol	9.816	139	211967	22.094	ng/u1	97
26) 2,4-Dimethylphenol	9.880	107	404174	20.617	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.116	93	475191	19.651	ng/u1	100
29) 2,4-Dichlorophenol	10.351	162	346731	21.359	ng/u1	98
30) Naphthalene	10.751	128	1208519	20.441	ng/u1	99
32) 4-Chloroaniline	10.863	127	526260	20.009	ng/u1	98
33) Hexachlorobutadiene	11.027	225	223848	22.337	ng/u1	99
34) Caprolactam	11.651	113	112799	21.025	ng/u1	86
35) 4-Chloro-3-methylphenol	11.992	107	349841	20.726	ng/u1	97
36) 2-Methylnaphthalene	12.363	142	781179	20.195	ng/u1	97

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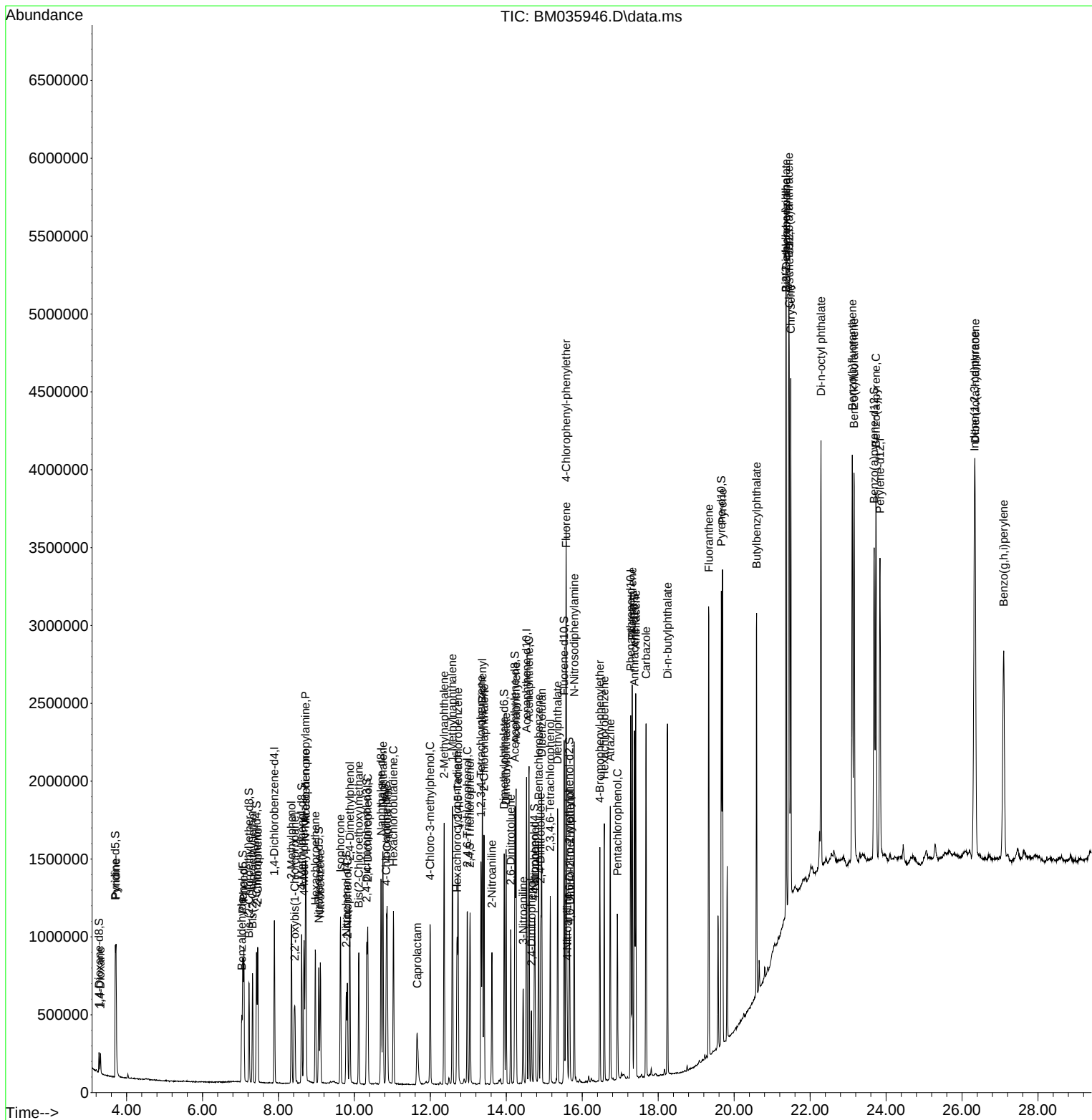
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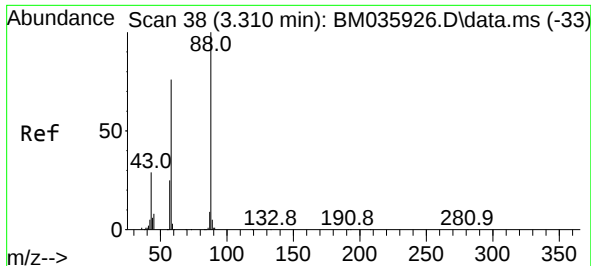
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.580	142	786561	20.174	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.727	216	389380	20.979	ng/ul	98
40) Hexachlorocyclopentadiene	12.704	237	246996	19.981	ng/ul	98
41) 2,4,6-Trichlorophenol	12.974	196	265789	22.378	ng/ul	98
42) 2,4,5-Trichlorophenol	13.045	196	279545	22.057	ng/ul	99
43) 1,1'-Biphenyl	13.368	154	1026690	20.458	ng/ul	99
44) 2-Chloronaphthalene	13.416	162	795808	20.662	ng/ul	98
45) 2-Nitroaniline	13.621	65	222964	20.998	ng/ul	97
47) Dimethylphthalate	13.992	163	938814	21.014	ng/ul	99
48) 2,6-Dinitrotoluene	14.115	165	196946	22.205	ng/ul	98
50) Acenaphthylene	14.257	152	1304670	20.812	ng/ul	100
51) 3-Nitroaniline	14.445	138	162839	16.612	ng/ul	94
52) Acenaphthene	14.598	153	817917	20.112	ng/ul	99
53) 2,4-Dinitrophenol	14.663	184	98515	19.562	ng/ul	94
55) 4-Nitrophenol	14.757	109	140127	20.088	ng/ul	84
56) Dibenzofuran	14.933	168	1162422	20.658	ng/ul	100
57) 2,4-Dinitrotoluene	14.904	165	277946	22.231	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.157	232	220748	22.169	ng/ul	94
59) Diethylphthalate	15.351	149	977951	21.642	ng/ul	100
61) Fluorene	15.580	166	943235	20.520	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.574	204	449162	20.394	ng/ul	94
63) 4-Nitroaniline	15.604	138	144884	16.055	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.674	198	145820	20.318	ng/ul	97
67) N-Nitrosodiphenylamine	15.786	169	788908	20.112	ng/ul	100
68) 4-Bromophenyl-phenylether	16.462	248	274993	21.023	ng/ul	98
69) Hexachlorobenzene	16.580	284	338447	21.235	ng/ul	95
70) Atrazine	16.739	200	291879	21.453	ng/ul	99
71) Pentachlorophenol	16.927	266	196653	20.197	ng/ul	97
72) Phenanthrene	17.315	178	1452102	20.305	ng/ul	99
74) Anthracene	17.409	178	1485586	20.702	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.333	216	407772	19.652	ng/ul	99
76) Pentachlorobenzene	14.851	250	387201	20.586	ng/ul	99
77) Carbazole	17.680	167	1398989	21.108	ng/ul	99
78) Di-n-butylphthalate	18.245	149	1733793	23.186	ng/ul	100
80) Fluoranthene	19.333	202	1713704	20.235	ng/ul	96
82) Pyrene	19.692	202	1738661	19.918	ng/ul	96
83) Butylbenzylphthalate	20.592	149	753621	23.738	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.368	252	516801	21.897	ng/ul	98
85) Benzo(a)anthracene	21.439	228	1689798	20.991	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.362	149	1108876	24.172	ng/ul	99
87) Chrysene	21.491	228	1629905	20.751	ng/ul	99
89) Di-n-octyl phthalate	22.286	149	1898783	21.105	ng/ul	100
90) Benzo(b)fluoranthene	23.109	252	1797774	19.336	ng/ul	98
91) Benzo(k)fluoranthene	23.156	252	1733712	19.650	ng/ul	97
93) Benzo(a)pyrene	23.733	252	1784806	20.154	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.326	276	2109187	22.344	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.344	278	1809684	22.346	ng/ul	96
96) Benzo(g,h,i)perylene	27.097	276	1773709	22.674	ng/ul	95

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

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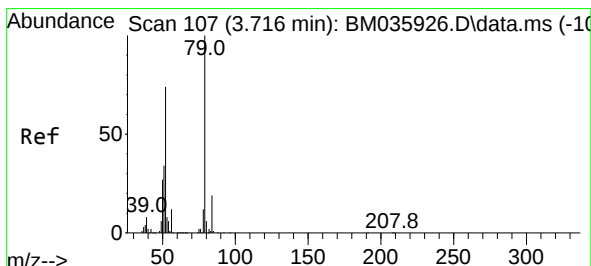
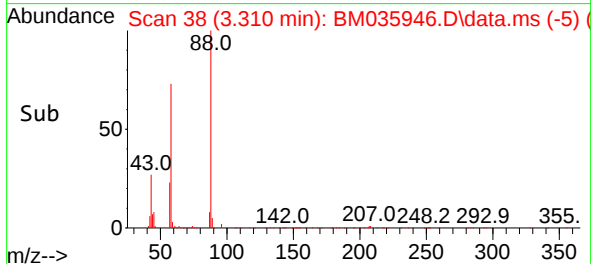
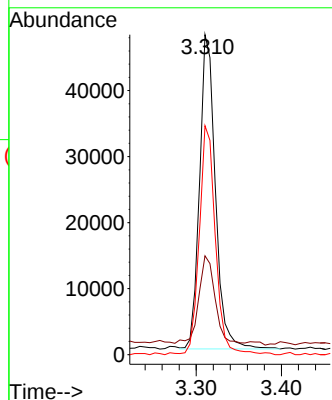
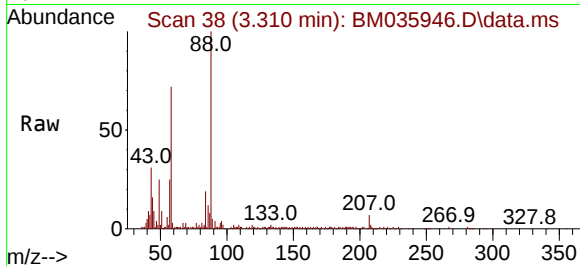




#2
1,4-Dioxane
Concen: 7.990 ng/uL
RT: 3.310 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM035946.D
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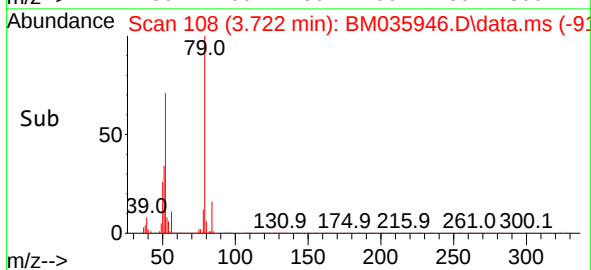
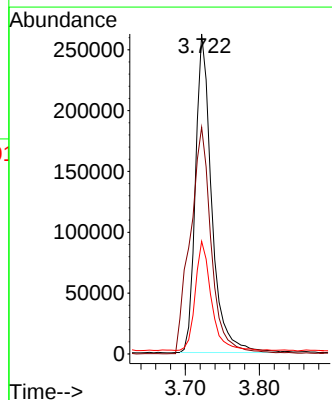
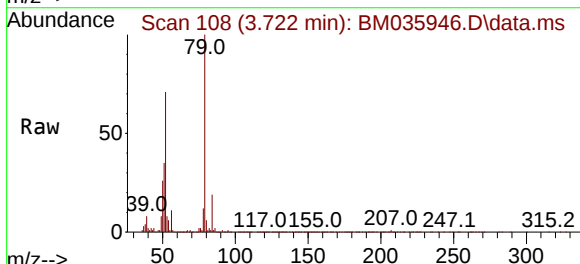
Instrument :
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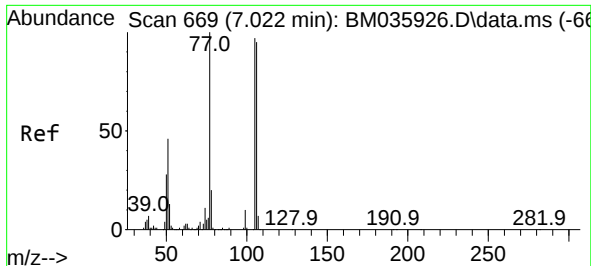
Tgt Ion: 88 Resp: 61437
Ion Ratio Lower Upper
88 100
43 30.9 27.8 41.8
58 71.6 61.8 92.8



#5
Pyridine
Concen: 18.632 ng/uL
RT: 3.722 min Scan# 108
Delta R.T. -0.000 min
Lab File: BM035946.D
Acq: 27 Jul 2022 12:17

Tgt Ion: 79 Resp: 397455
Ion Ratio Lower Upper
79 100
52 70.9 67.8 101.6
51 35.2 31.4 47.0

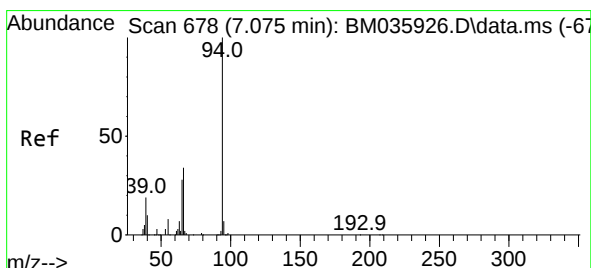
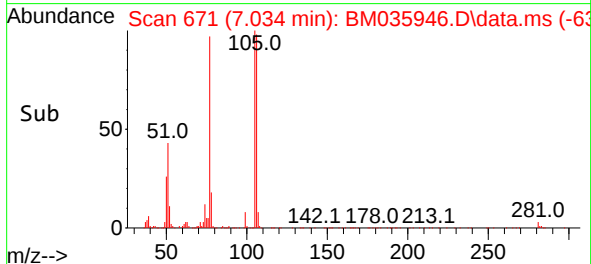
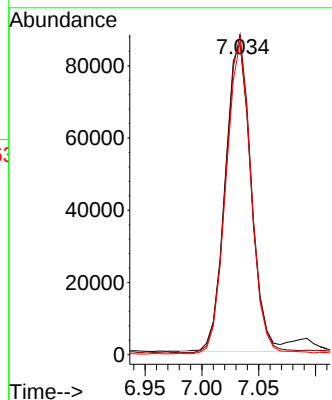
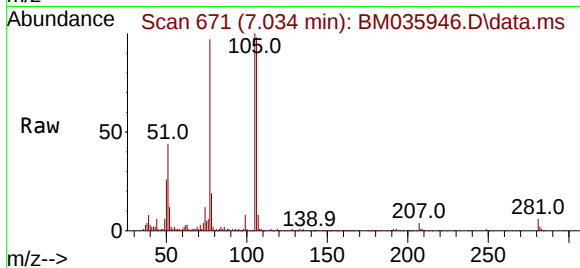




#6
Benzaldehyde
Concen: 13.776 ng/ul
RT: 7.034 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM035946.D
Acq: 27 Jul 2022 12:17

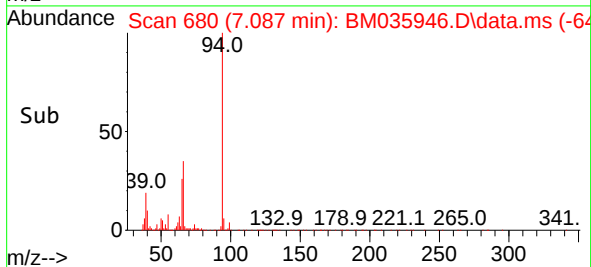
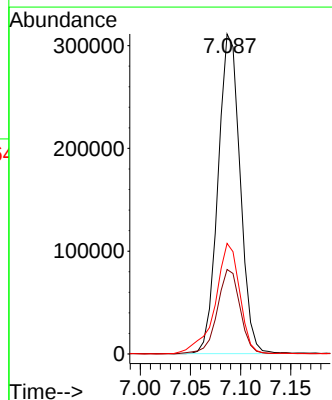
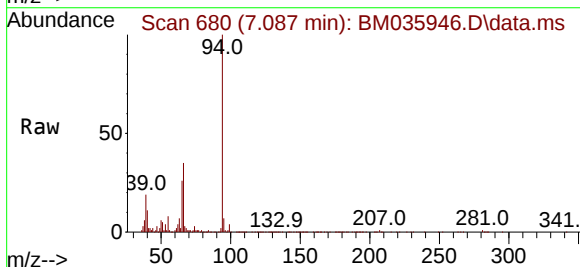
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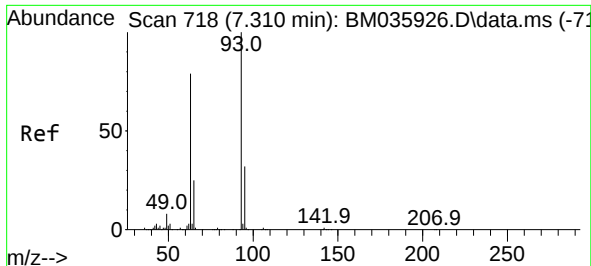
Tgt Ion: 77 Resp: 135379
Ion Ratio Lower Upper
77 100
105 102.6 84.6 127.0
106 100.2 80.3 120.5



#8
Phenol
Concen: 18.580 ng/ul
RT: 7.087 min Scan# 680
Delta R.T. -0.012 min
Lab File: BM035946.D
Acq: 27 Jul 2022 12:17

Tgt Ion: 94 Resp: 476097
Ion Ratio Lower Upper
94 100
65 26.4 21.3 31.9
66 34.6 27.4 41.0

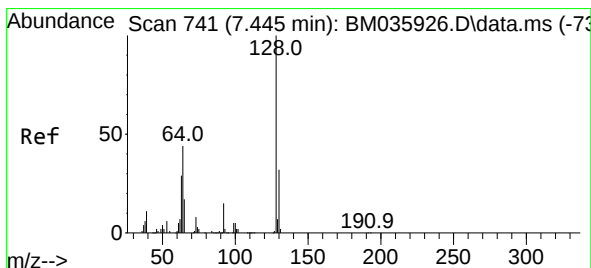
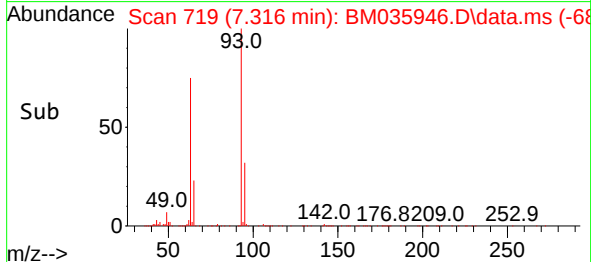
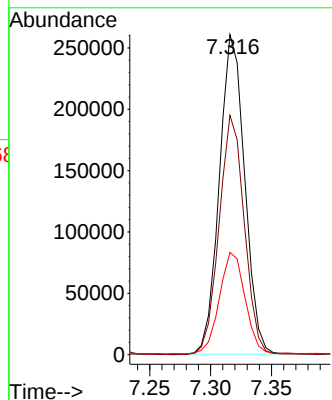
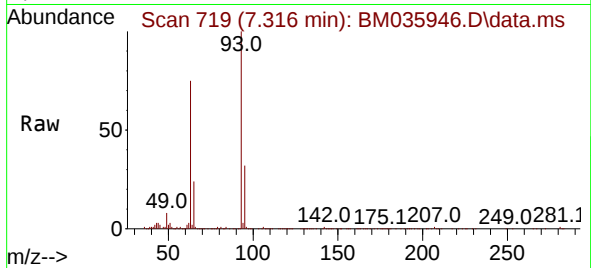




#10
 Bis(2-Chloroethyl)ether
 Concen: 18.266 ng/ul
 RT: 7.316 min Scan# 718
 Delta R.T. -0.006 min
 Lab File: BM035946.D
 Acq: 27 Jul 2022 12:17

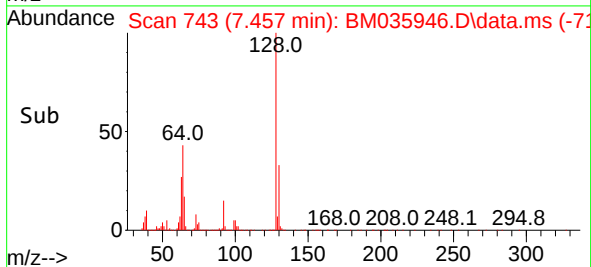
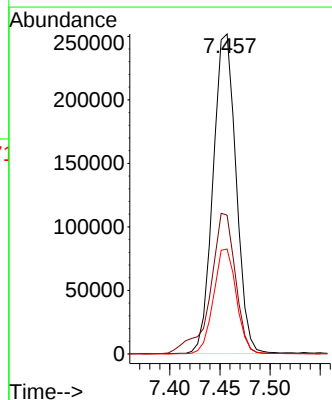
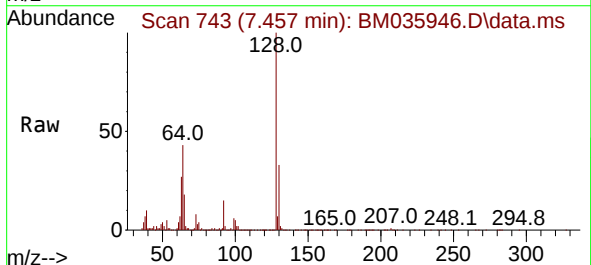
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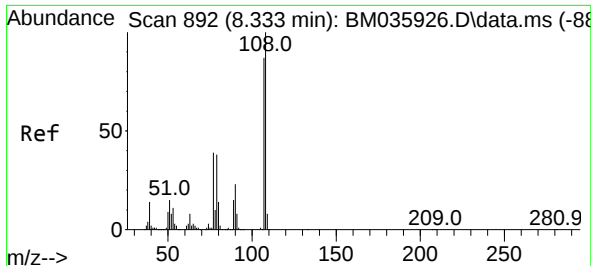
Tgt Ion: 93 Resp: 376302
 Ion Ratio Lower Upper
 93 100
 63 74.8 64.0 96.0
 95 31.9 25.8 38.6



#12
 2-Chlorophenol
 Concen: 20.116 ng/ul
 RT: 7.457 min Scan# 743
 Delta R.T. -0.006 min
 Lab File: BM035946.D
 Acq: 27 Jul 2022 12:17

Tgt Ion: 128 Resp: 401068
 Ion Ratio Lower Upper
 128 100
 64 43.4 36.9 55.3
 130 32.8 25.6 38.4

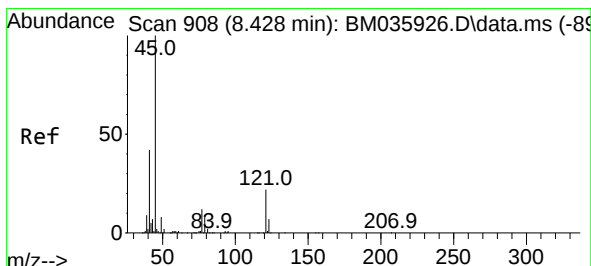
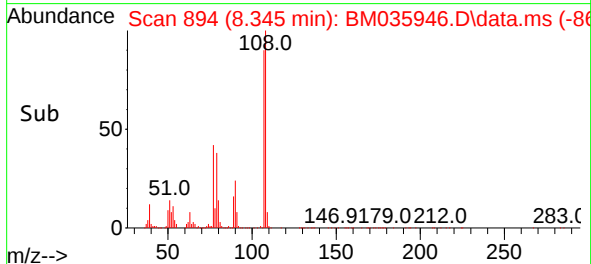
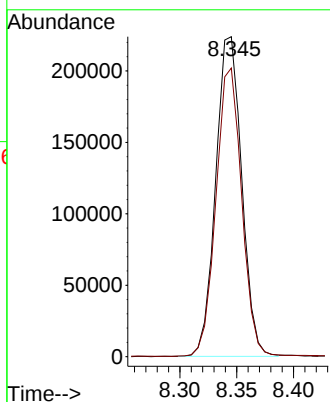
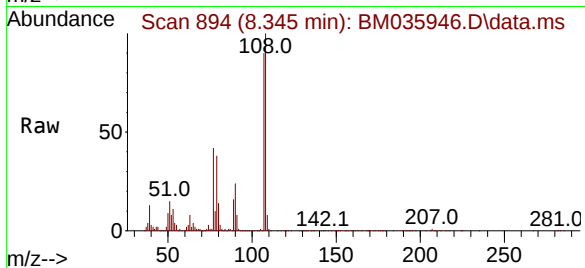




#13
2-Methylphenol
Concen: 18.620 ng/ul
RT: 8.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BM035946.D
Acq: 27 Jul 2022 12:17

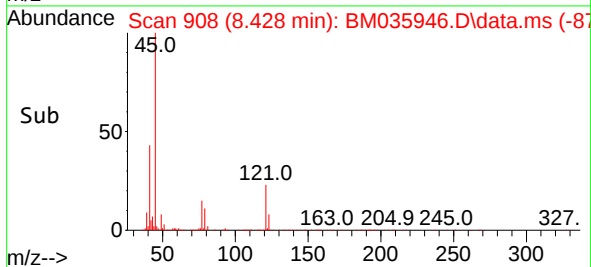
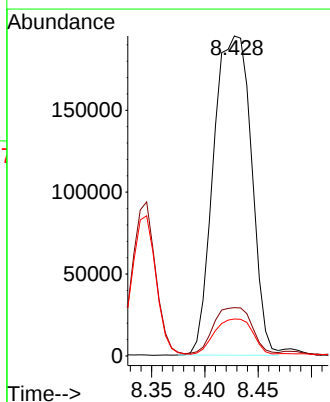
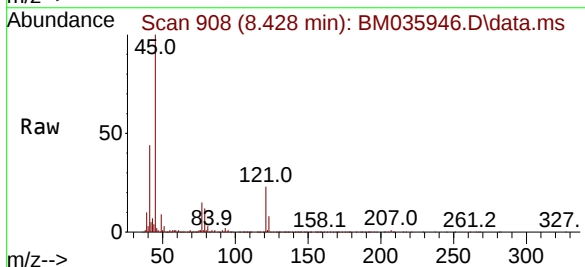
Instrument :
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ClientSampleId :

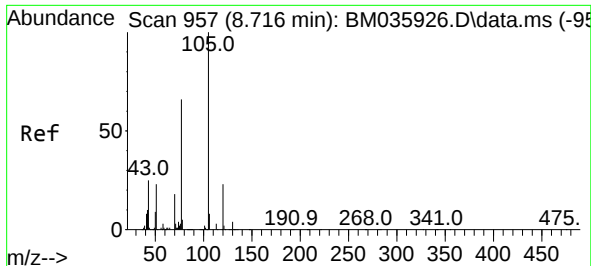
Tgt Ion:108 Resp: 356437
Ion Ratio Lower Upper
108 100
107 90.2 75.0 112.4



#14
2,2'-oxybis(1-Chloropropane)
Concen: 17.689 ng/ul
RT: 8.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BM035946.D
Acq: 27 Jul 2022 12:17

Tgt Ion: 45 Resp: 480995
Ion Ratio Lower Upper
45 100
77 15.1 10.6 15.8
79 11.6 8.3 12.5

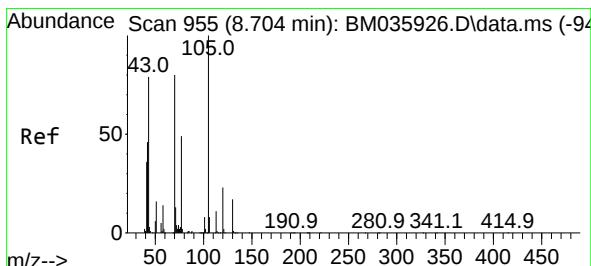
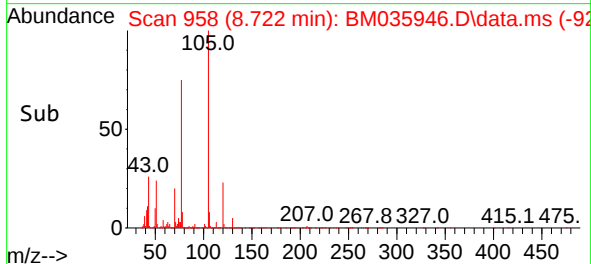
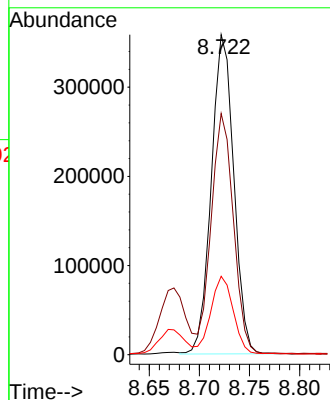
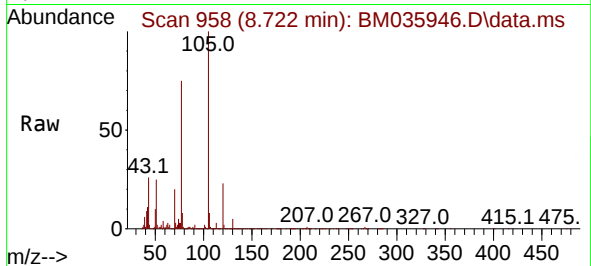




#16
Acetophenone
Concen: 18.318 ng/ul
RT: 8.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM035946.D
Acq: 27 Jul 2022 12:17

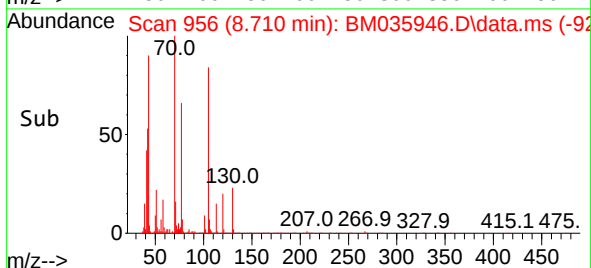
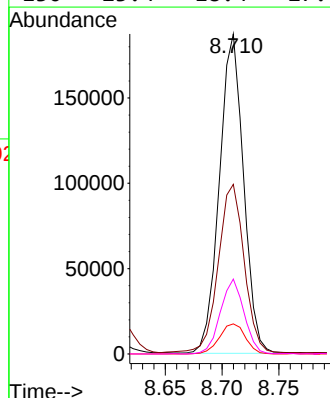
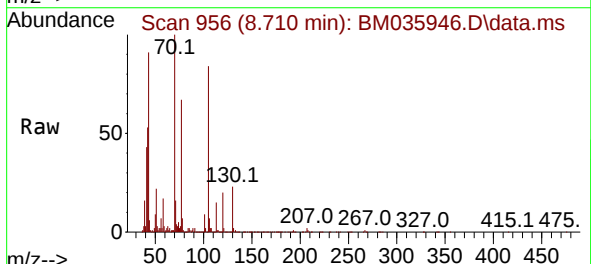
Instrument :
BNA_M
ClientSampleId :

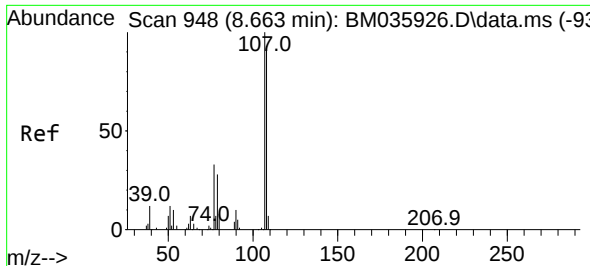
Tgt Ion:105 Resp: 557899
Ion Ratio Lower Upper
105 100
77 75.4 59.8 89.6
51 24.5 22.1 33.1



#17
N-Nitroso-di-n-propylamine
Concen: 18.243 ng/ul
RT: 8.710 min Scan# 956
Delta R.T. -0.006 min
Lab File: BM035946.D
Acq: 27 Jul 2022 12:17

Tgt Ion: 70 Resp: 277069
Ion Ratio Lower Upper
70 100
42 53.0 49.6 74.4
101 9.4 8.1 12.1
130 23.4 18.4 27.6

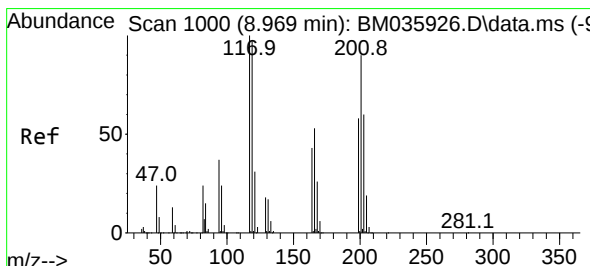
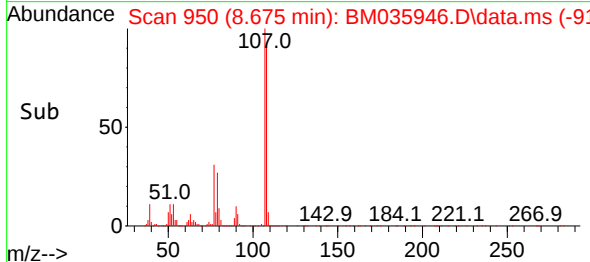
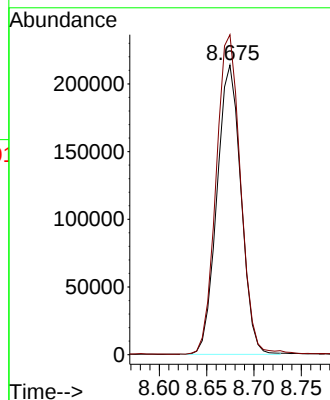
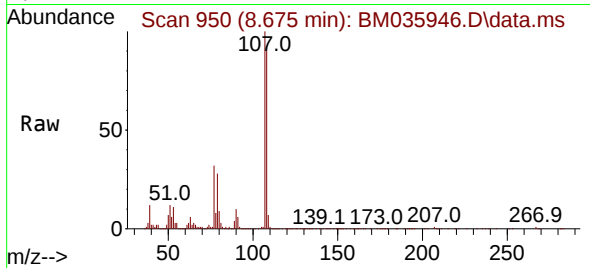




#18
4-Methylphenol
Concen: 18.405 ng/ul
RT: 8.675 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM035946.D
Acq: 27 Jul 2022 12:17

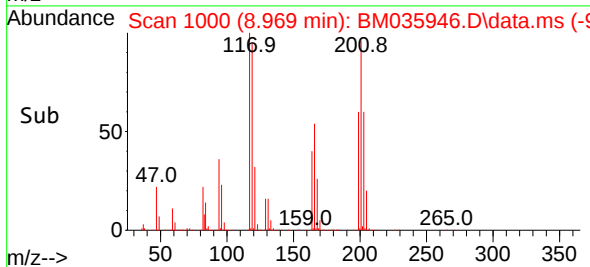
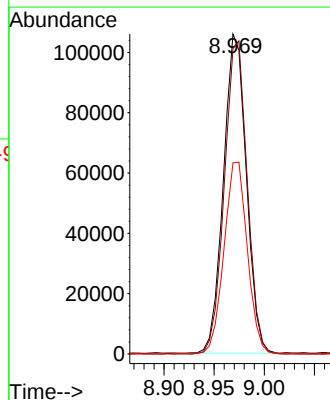
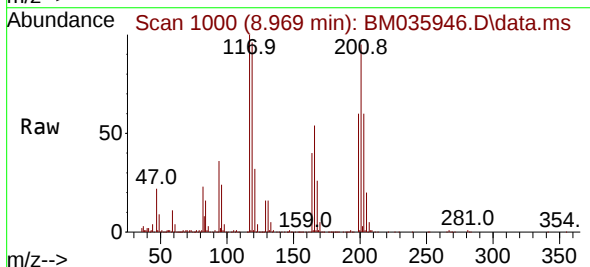
Instrument :
BNA_M
ClientSampleId :

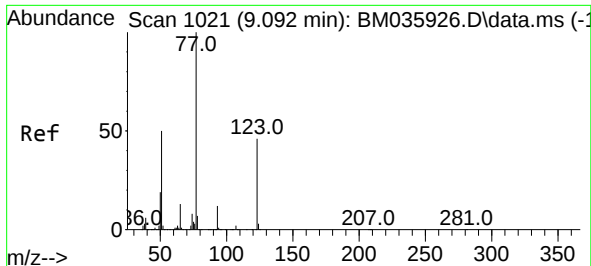
Tgt Ion:108 Resp: 377973
Ion Ratio Lower Upper
108 100
107 110.5 90.3 135.5



#19
Hexachloroethane
Concen: 20.425 ng/ul
RT: 8.969 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BM035946.D
Acq: 27 Jul 2022 12:17

Tgt Ion:117 Resp: 168019
Ion Ratio Lower Upper
117 100
201 95.4 81.8 122.6
199 59.7 51.6 77.4

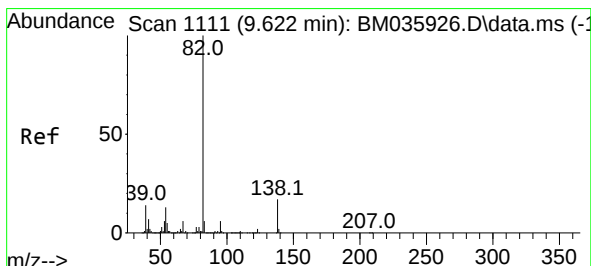
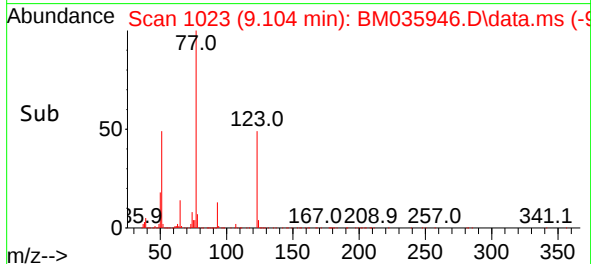
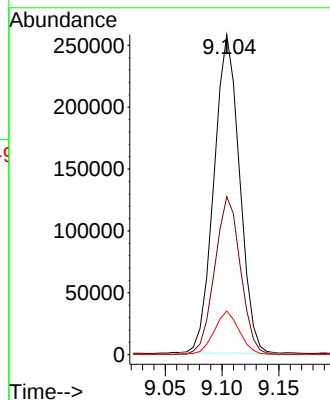
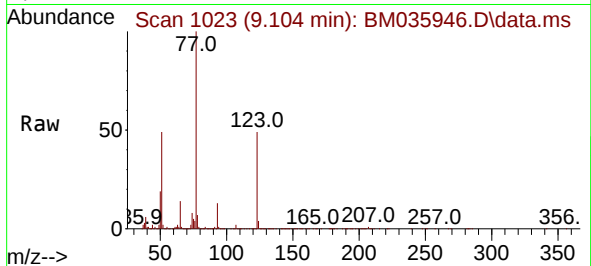




#22
Nitrobenzene
Concen: 19.861 ng/ul
RT: 9.104 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BM035946.D
Acq: 27 Jul 2022 12:17

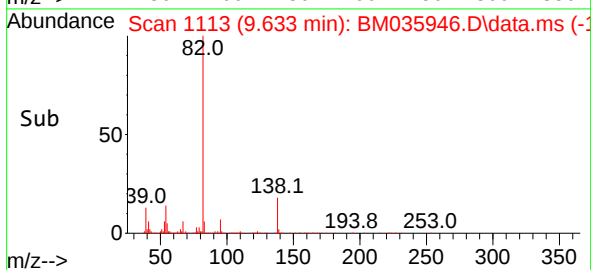
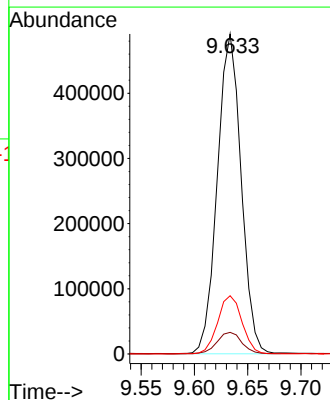
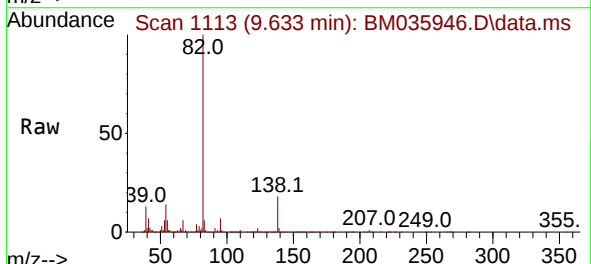
Instrument :
BNA_M
ClientSampleId :

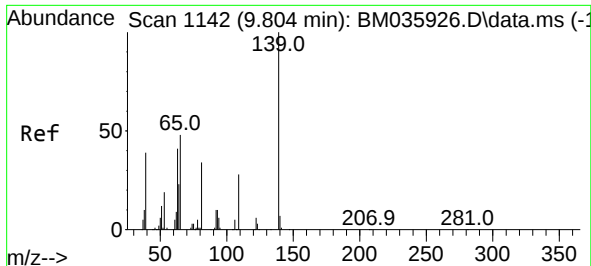
Tgt Ion: 77 Resp: 403392
Ion Ratio Lower Upper
77 100
123 49.4 37.4 56.0
65 13.7 10.8 16.2



#23
Isophorone
Concen: 19.851 ng/ul
RT: 9.633 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BM035946.D
Acq: 27 Jul 2022 12:17

Tgt Ion: 82 Resp: 761101
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 18.2 15.3 22.9

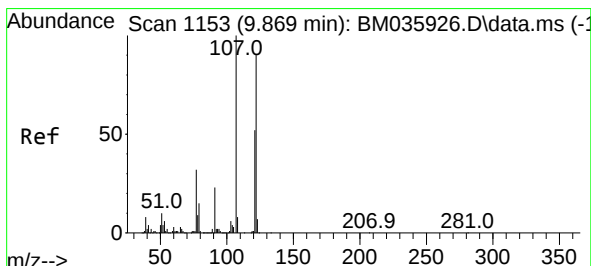
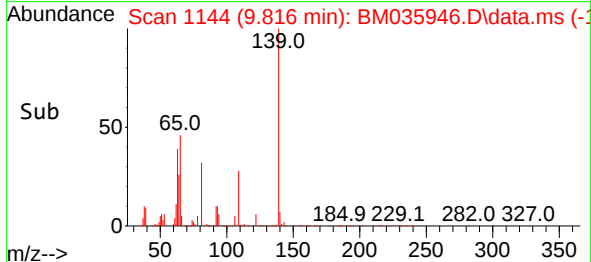
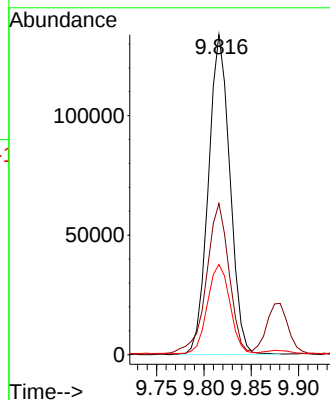
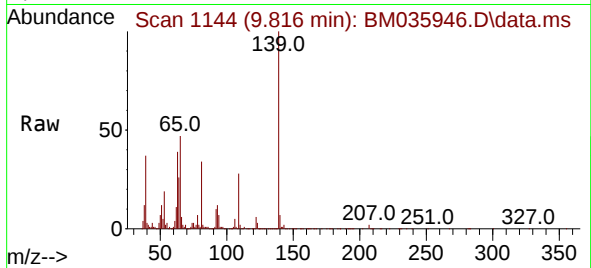




#25
2-Nitrophenol
Concen: 22.094 ng/ul
RT: 9.816 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BM035946.D
Acq: 27 Jul 2022 12:17

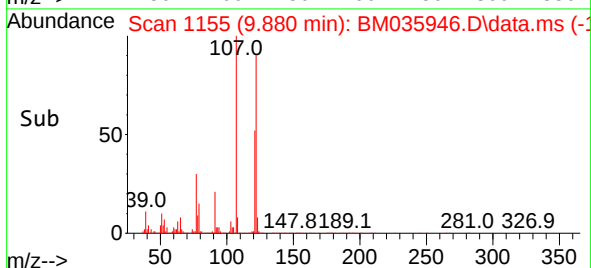
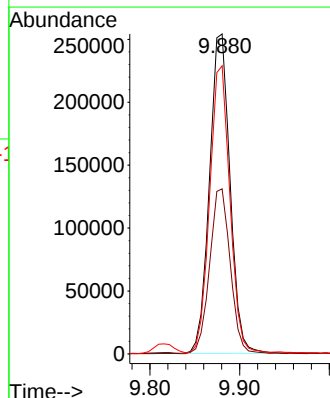
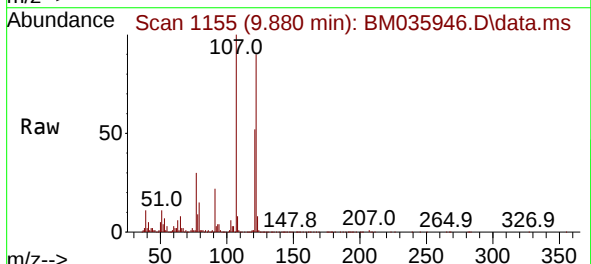
Instrument :
BNA_M
ClientSampleId :

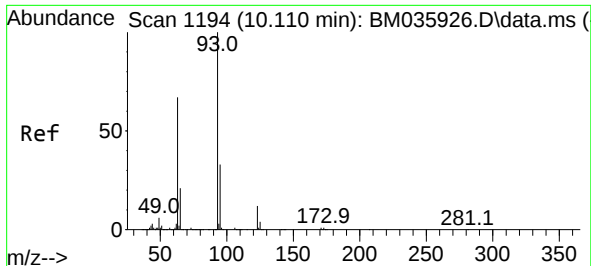
Tgt Ion:139 Resp: 211967
Ion Ratio Lower Upper
139 100
65 47.2 39.8 59.6
109 28.2 22.2 33.4



#26
2,4-Dimethylphenol
Concen: 20.617 ng/ul
RT: 9.880 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BM035946.D
Acq: 27 Jul 2022 12:17

Tgt Ion:107 Resp: 404174
Ion Ratio Lower Upper
107 100
121 51.6 42.7 64.1
122 90.0 71.5 107.3





#27

Bis(2-Chloroethoxy)methane

Concen: 19.651 ng/ul

RT: 10.116 min Scan# 1194

Delta R.T. -0.006 min

Lab File: BM035946.D

Acq: 27 Jul 2022 12:17

Instrument :

BNA_M

ClientSampleId :

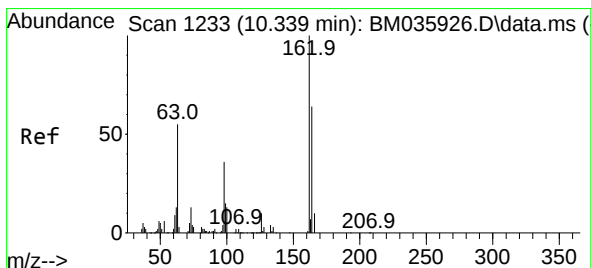
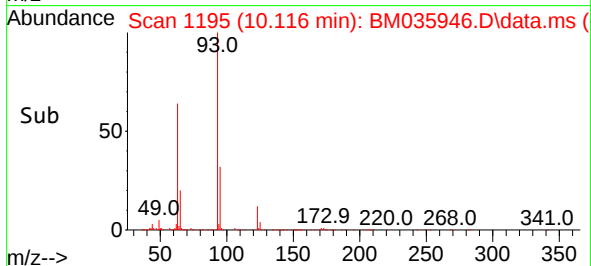
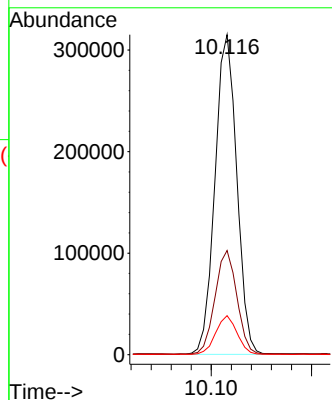
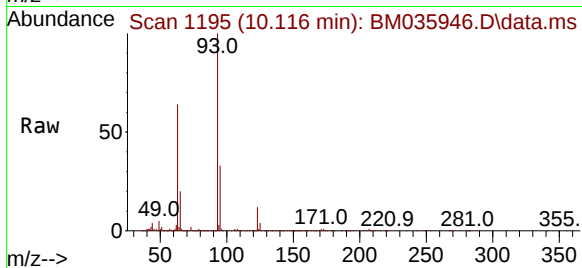
Tgt Ion: 93 Resp: 475191

Ion Ratio Lower Upper

93 100

95 32.5 26.1 39.1

123 12.2 9.4 14.0



#29

2,4-Dichlorophenol

Concen: 21.359 ng/ul

RT: 10.351 min Scan# 1235

Delta R.T. -0.012 min

Lab File: BM035946.D

Acq: 27 Jul 2022 12:17

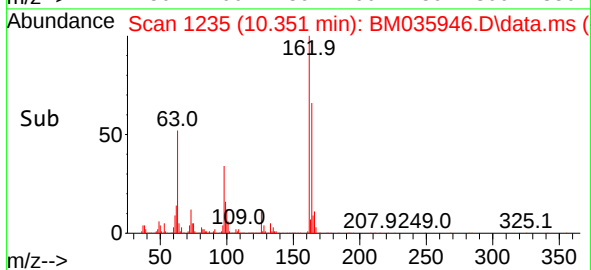
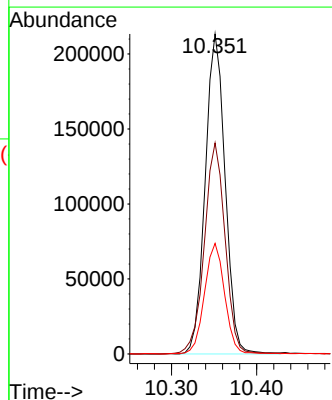
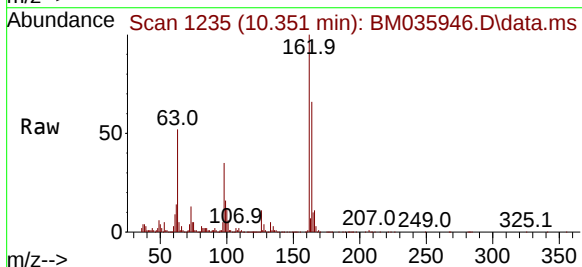
Tgt Ion:162 Resp: 346731

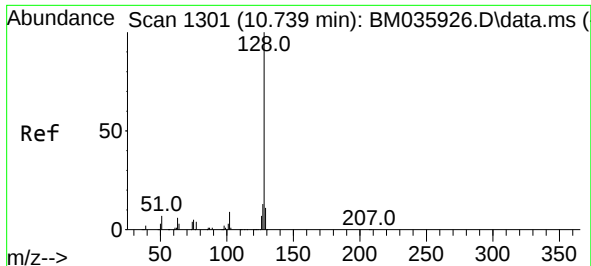
Ion Ratio Lower Upper

162 100

164 66.0 51.8 77.6

98 34.6 29.5 44.3

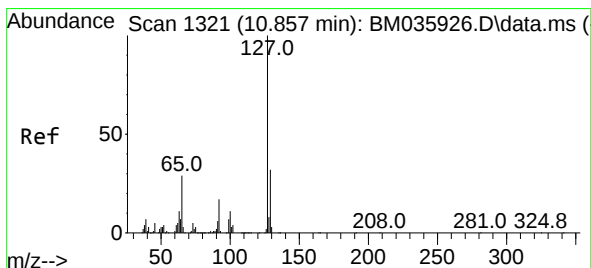
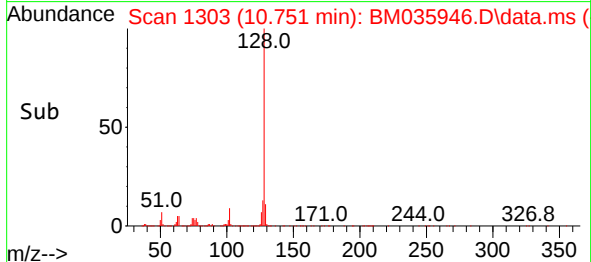
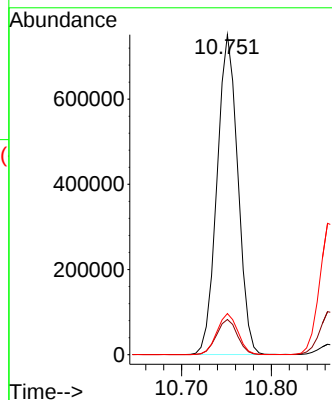
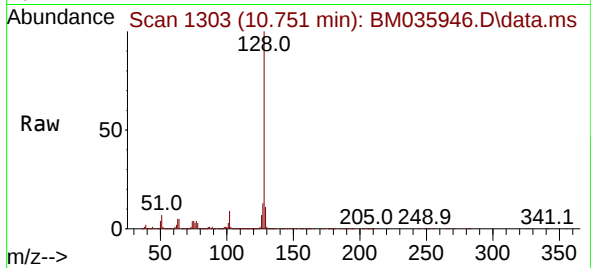




#30
Naphthalene
Concen: 20.441 ng/ul
RT: 10.751 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BM035946.D
Acq: 27 Jul 2022 12:17

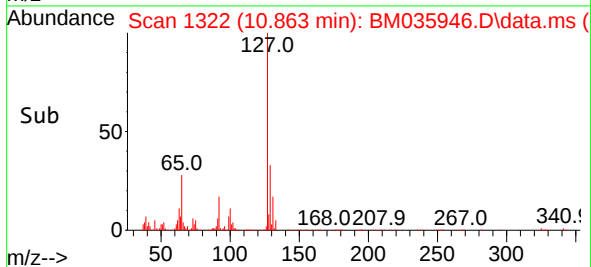
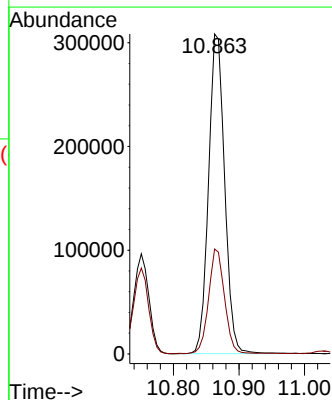
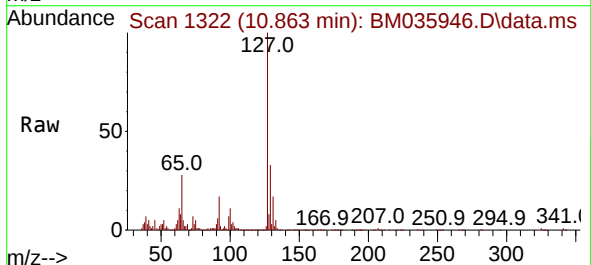
Instrument :
BNA_M
ClientSampleId :

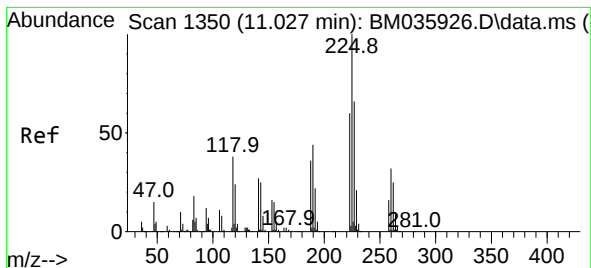
Tgt Ion:128 Resp: 1208519
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.9 10.6 16.0



#32
4-Chloroaniline
Concen: 20.009 ng/ul
RT: 10.863 min Scan# 1322
Delta R.T. -0.012 min
Lab File: BM035946.D
Acq: 27 Jul 2022 12:17

Tgt Ion:127 Resp: 526260
Ion Ratio Lower Upper
127 100
129 32.8 25.3 37.9





#33

Hexachlorobutadiene

Concen: 22.337 ng/ul

RT: 11.027 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM035946.D

Acq: 27 Jul 2022 12:17

Instrument :

BNA_M

ClientSampleId :

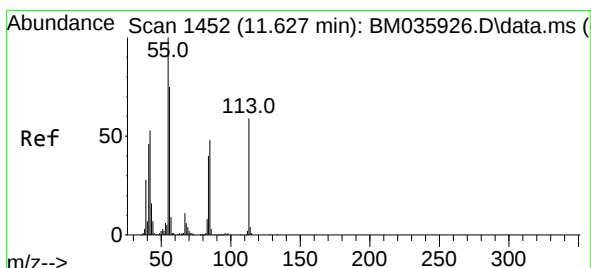
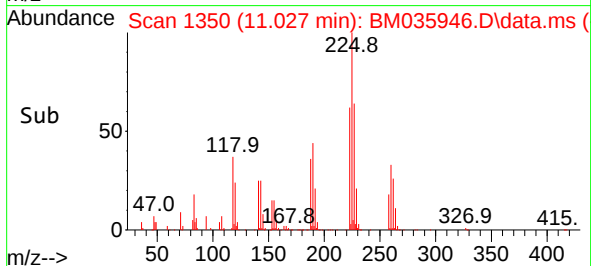
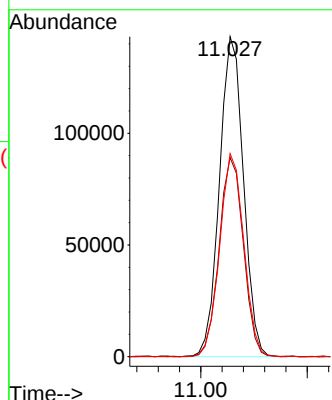
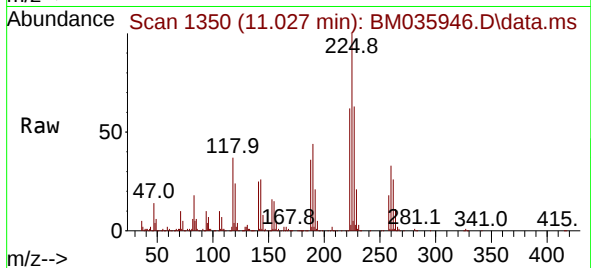
Tgt Ion:225 Resp: 223848

Ion Ratio Lower Upper

225 100

223 62.2 50.0 75.0

227 63.5 49.9 74.9



#34

Caprolactam

Concen: 21.025 ng/ul

RT: 11.651 min Scan# 1456

Delta R.T. -0.018 min

Lab File: BM035946.D

Acq: 27 Jul 2022 12:17

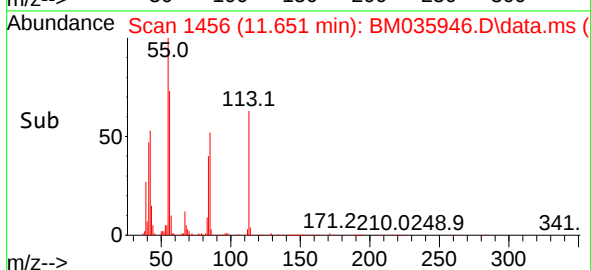
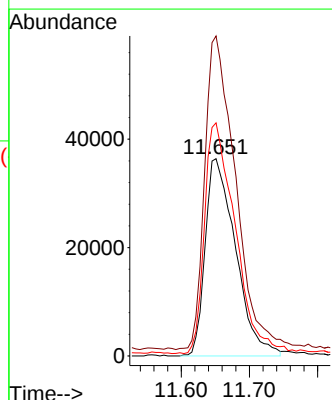
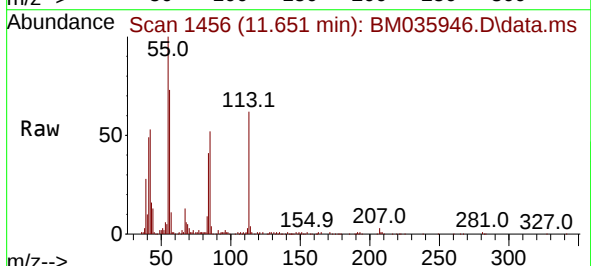
Tgt Ion:113 Resp: 112799

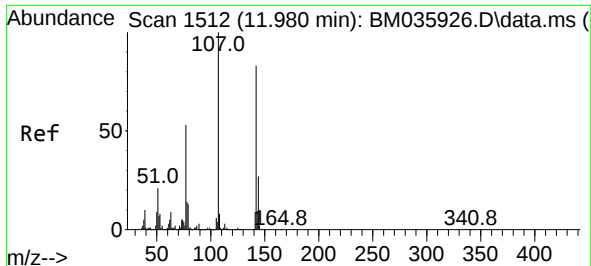
Ion Ratio Lower Upper

113 100

55 162.2 150.2 225.4

56 118.2 102.1 153.1

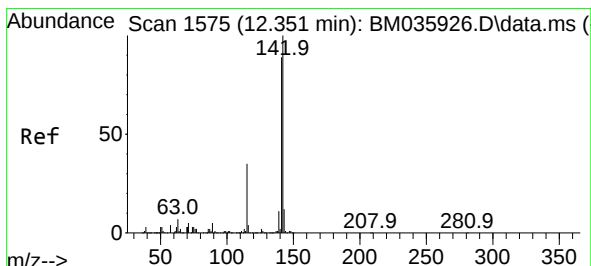
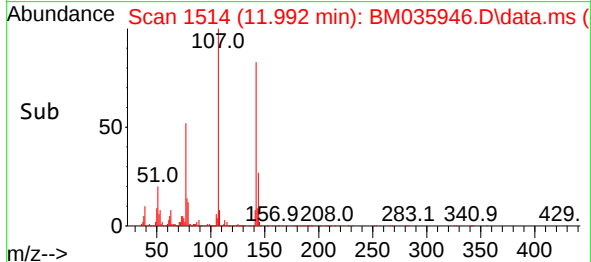
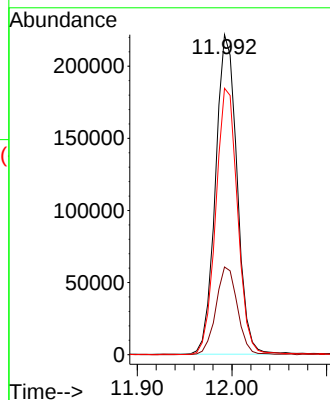
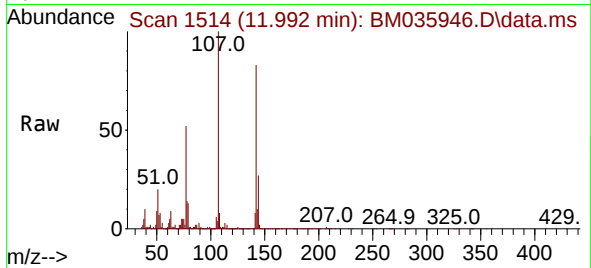




#35
4-Chloro-3-methylphenol
Concen: 20.726 ng/ul
RT: 11.992 min Scan# 1514
Delta R.T. -0.012 min
Lab File: BM035946.D
Acq: 27 Jul 2022 12:17

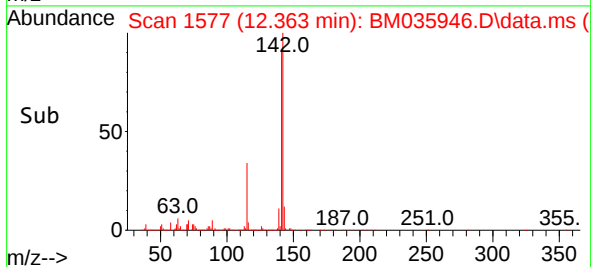
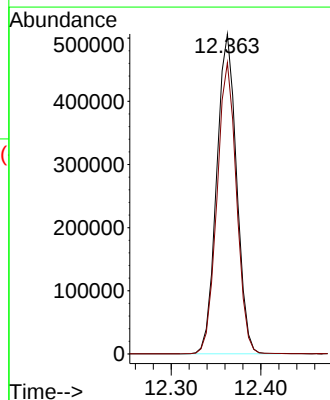
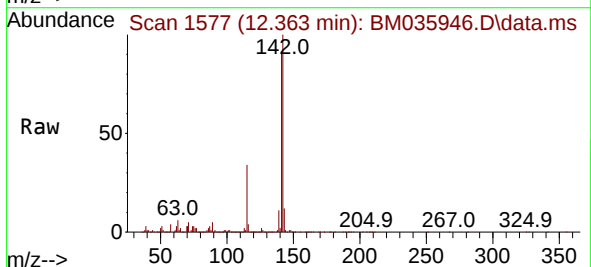
Instrument :
BNA_M
ClientSampleId :

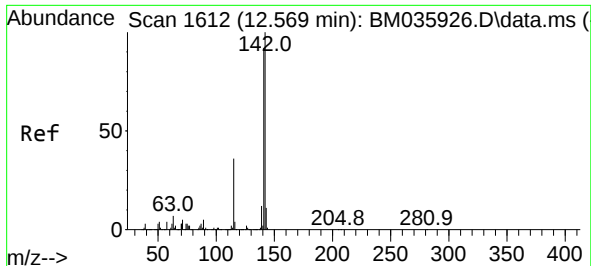
Tgt Ion:107 Resp: 349841
Ion Ratio Lower Upper
107 100
144 27.4 20.3 30.5
142 83.3 64.4 96.6



#36
2-Methylnaphthalene
Concen: 20.195 ng/ul
RT: 12.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BM035946.D
Acq: 27 Jul 2022 12:17

Tgt Ion:142 Resp: 781179
Ion Ratio Lower Upper
142 100
141 91.0 70.7 106.1





#37

1-Methylnaphthalene

Concen: 20.174 ng/ul

RT: 12.580 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM035946.D

Acq: 27 Jul 2022 12:17

Instrument :

BNA_M

ClientSampleId :

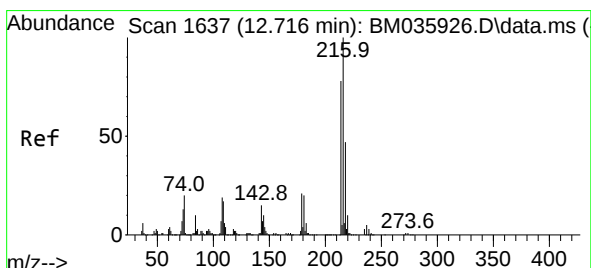
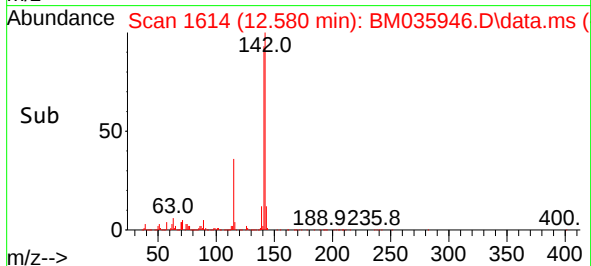
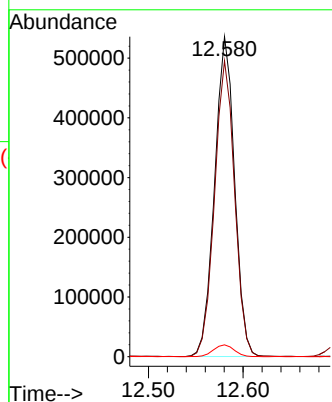
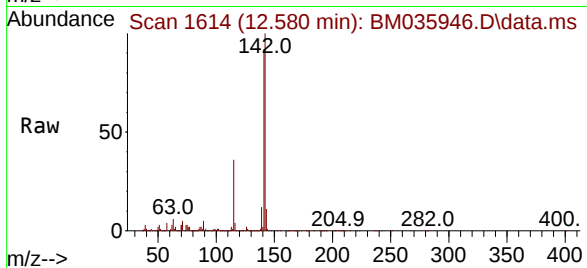
Tgt Ion:142 Resp: 786561

Ion Ratio Lower Upper

142 100

141 92.4 75.2 112.8

116 3.7 2.6 3.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 20.979 ng/ul

RT: 12.727 min Scan# 1639

Delta R.T. -0.012 min

Lab File: BM035946.D

Acq: 27 Jul 2022 12:17

Tgt Ion:216 Resp: 389380

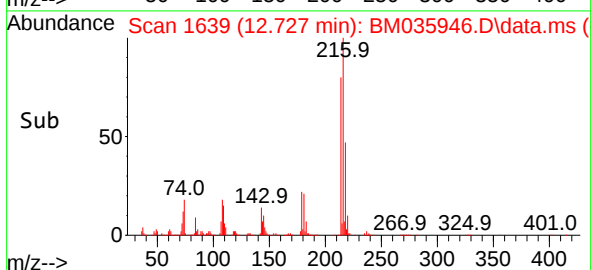
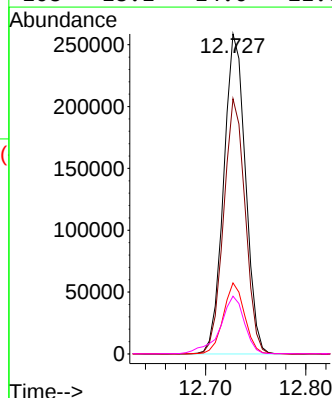
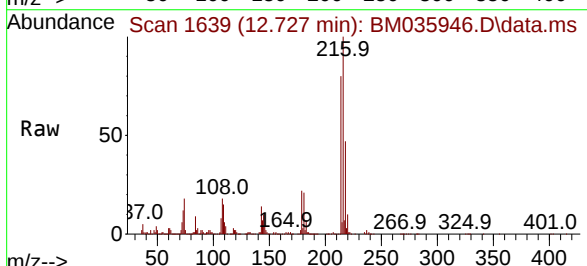
Ion Ratio Lower Upper

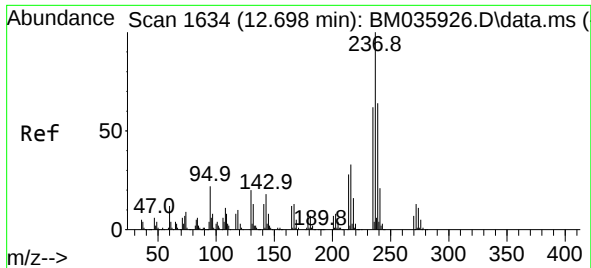
216 100

214 79.7 62.4 93.6

179 22.2 17.3 25.9

108 18.1 14.0 21.0

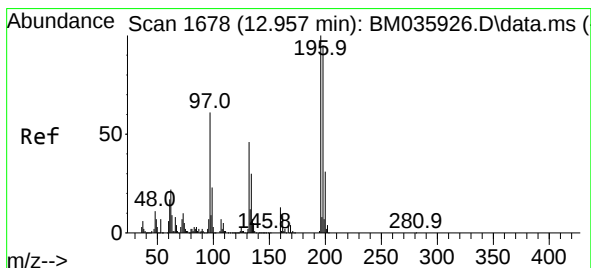
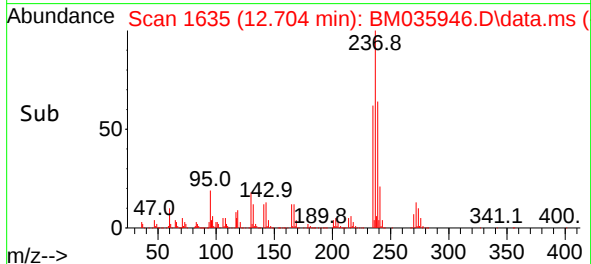
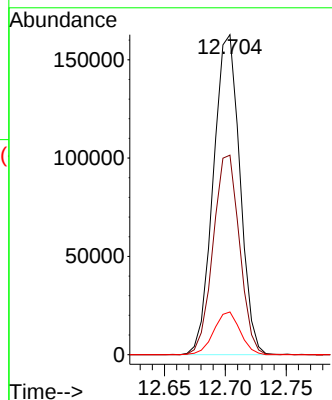
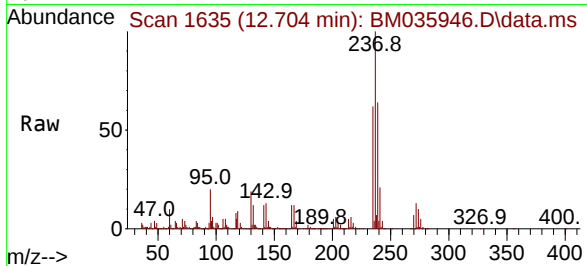




#40
Hexachlorocyclopentadiene
Concen: 19.981 ng/ul
RT: 12.704 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM035946.D
Acq: 27 Jul 2022 12:17

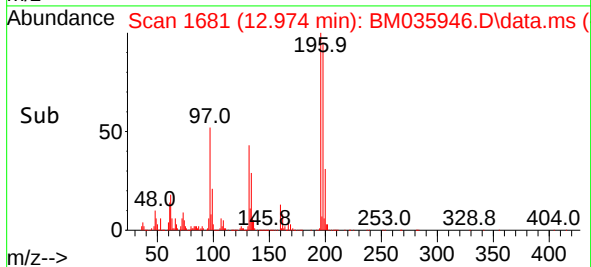
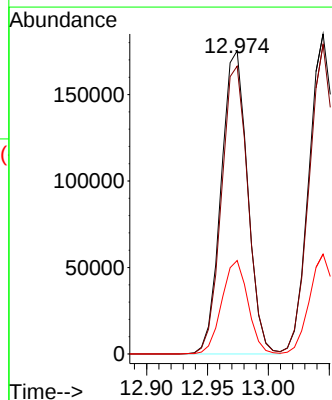
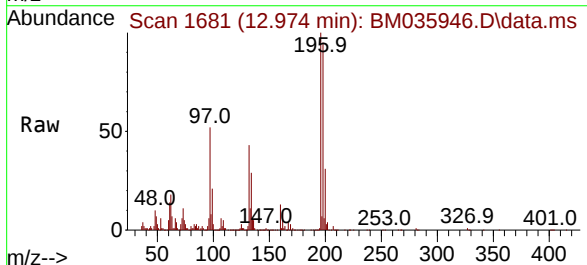
Instrument :
BNA_M
ClientSampleId :

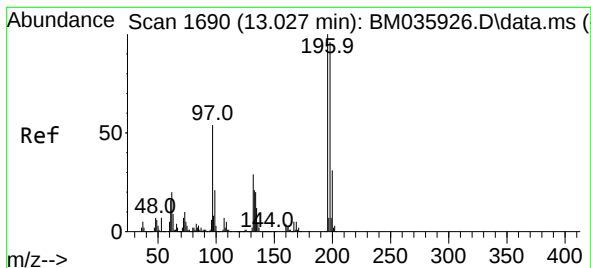
Tgt Ion:237 Resp: 246996
Ion Ratio Lower Upper
237 100
235 62.4 48.4 72.6
272 13.9 11.6 17.4



#41
2,4,6-Trichlorophenol
Concen: 22.378 ng/ul
RT: 12.974 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BM035946.D
Acq: 27 Jul 2022 12:17

Tgt Ion:196 Resp: 265789
Ion Ratio Lower Upper
196 100
198 94.9 77.8 116.6
200 30.8 25.0 37.6





#42

2,4,5-Trichlorophenol

Concen: 22.057 ng/ul

RT: 13.045 min Scan# 1

Delta R.T. -0.006 min

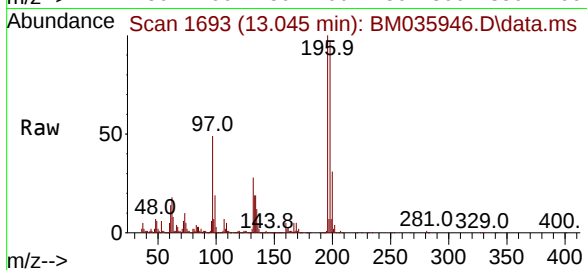
Lab File: BM035946.D

Acq: 27 Jul 2022 12:17

Instrument :

BNA_M

ClientSampleId :



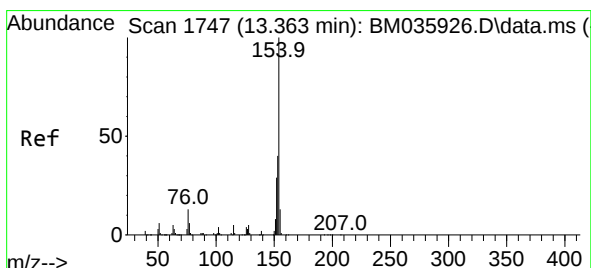
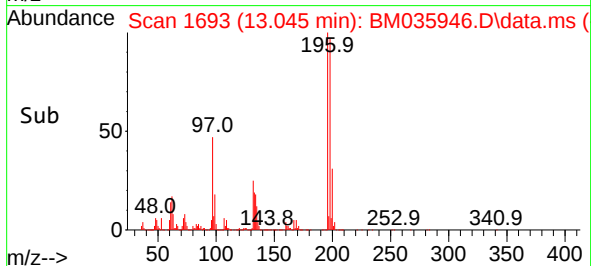
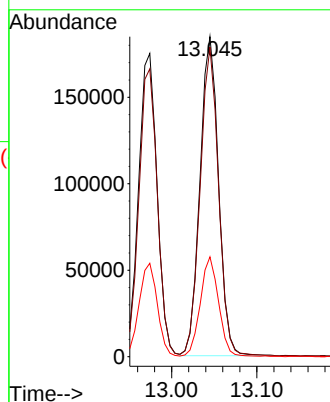
Tgt Ion:196 Resp: 279545

Ion Ratio Lower Upper

196 100

198 96.7 76.8 115.2

200 31.2 24.9 37.3



#43

1,1'-Biphenyl

Concen: 20.458 ng/ul

RT: 13.368 min Scan# 1748

Delta R.T. -0.006 min

Lab File: BM035946.D

Acq: 27 Jul 2022 12:17

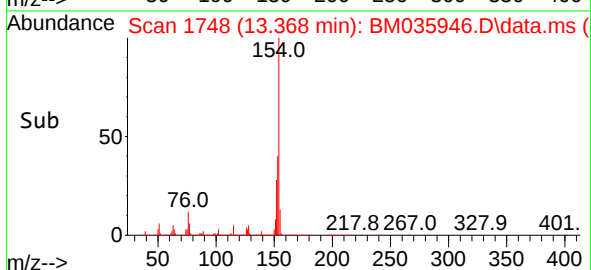
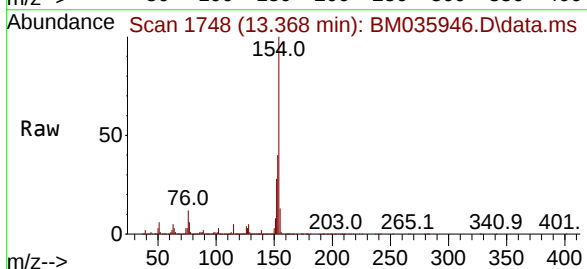
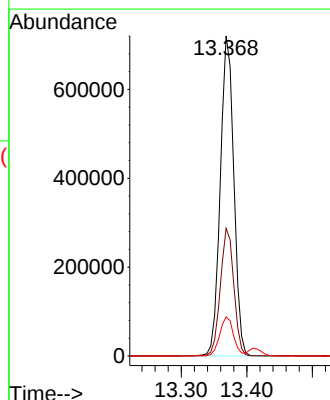
Tgt Ion:154 Resp: 1026690

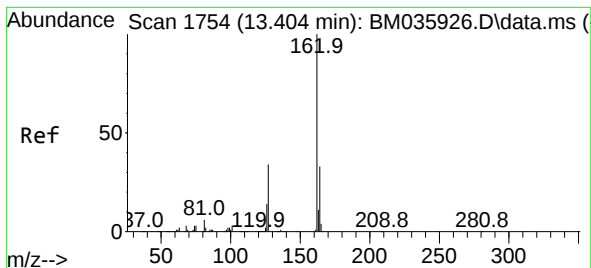
Ion Ratio Lower Upper

154 100

153 39.9 32.4 48.6

76 12.2 10.1 15.1





#44

2-Chloronaphthalene

Concen: 20.662 ng/ul

RT: 13.416 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM035946.D

Acq: 27 Jul 2022 12:17

Instrument :

BNA_M

ClientSampleId :

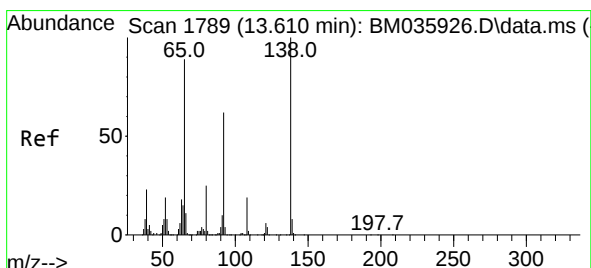
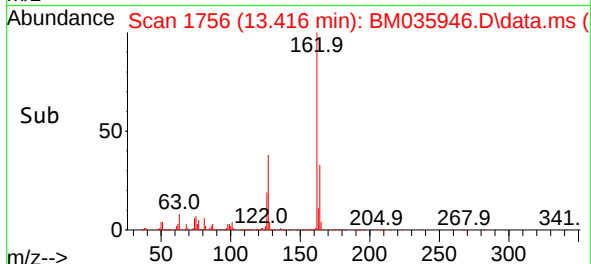
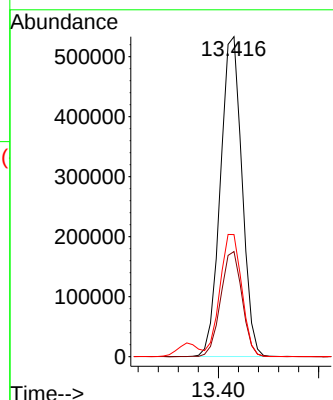
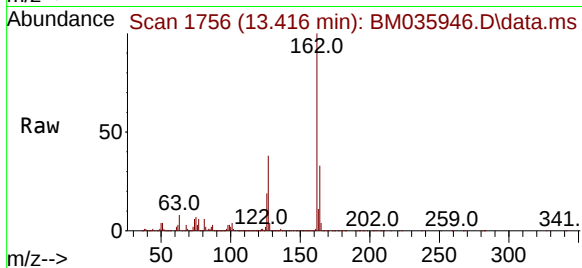
Tgt Ion:162 Resp: 795808

Ion Ratio Lower Upper

162 100

164 32.8 25.4 38.0

127 38.2 31.6 47.4



#45

2-Nitroaniline

Concen: 20.998 ng/ul

RT: 13.621 min Scan# 1791

Delta R.T. -0.006 min

Lab File: BM035946.D

Acq: 27 Jul 2022 12:17

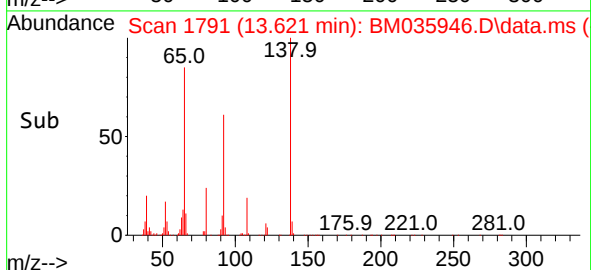
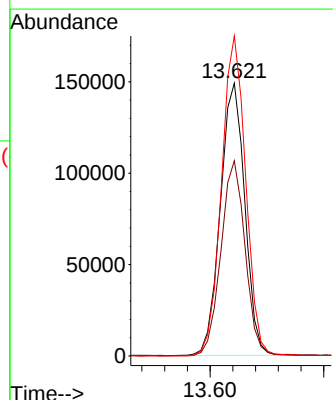
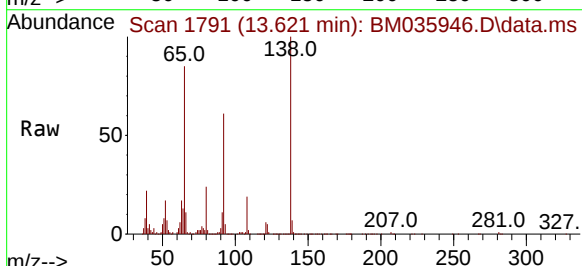
Tgt Ion: 65 Resp: 222964

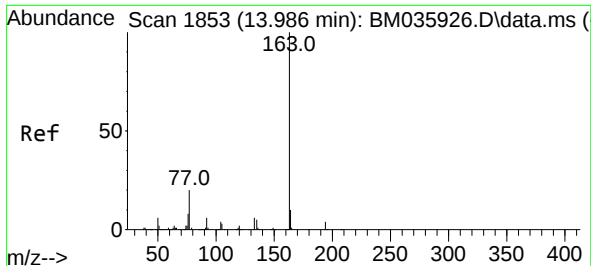
Ion Ratio Lower Upper

65 100

92 71.5 54.5 81.7

138 117.3 91.2 136.8

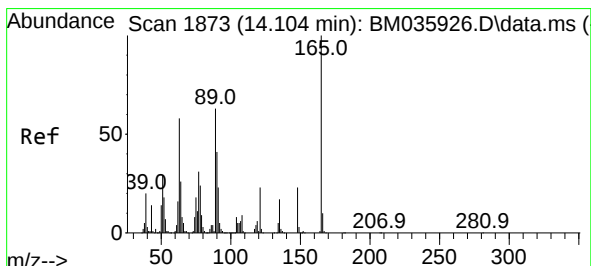
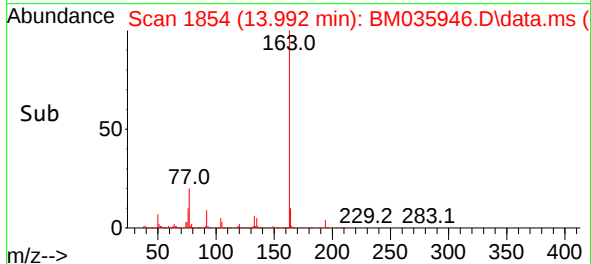
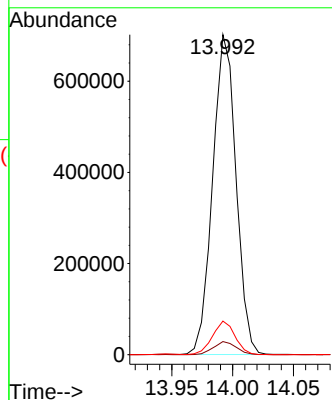
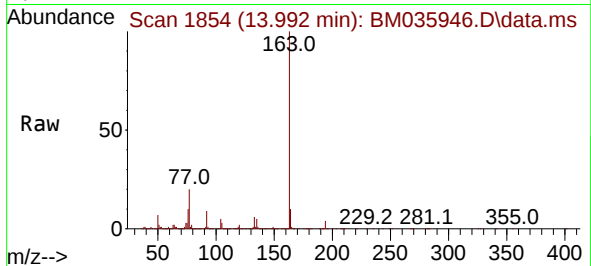




#47
Dimethylphthalate
Concen: 21.014 ng/ul
RT: 13.992 min Scan# 1854
Delta R.T. -0.006 min
Lab File: BM035946.D
Acq: 27 Jul 2022 12:17

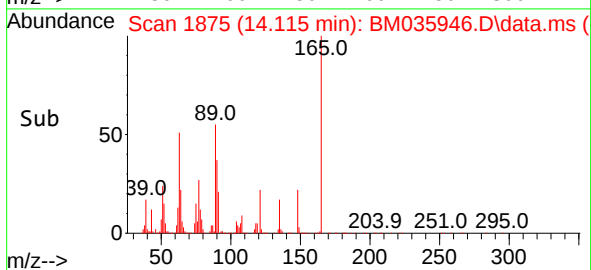
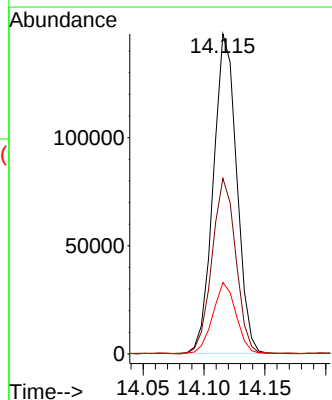
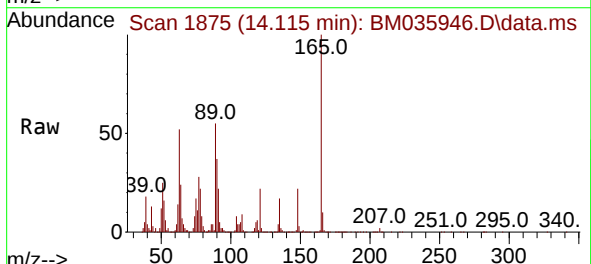
Instrument :
BNA_M
ClientSampleId :

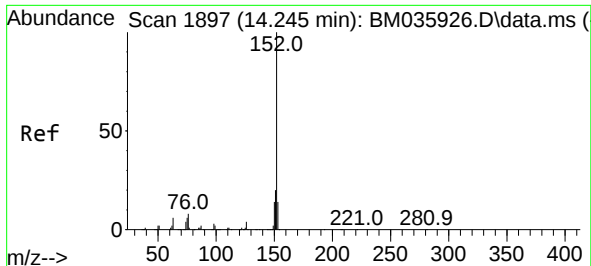
Tgt Ion:163 Resp: 938814
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.5 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 22.205 ng/ul
RT: 14.115 min Scan# 1875
Delta R.T. -0.012 min
Lab File: BM035946.D
Acq: 27 Jul 2022 12:17

Tgt Ion:165 Resp: 196946
Ion Ratio Lower Upper
165 100
89 54.9 42.5 63.7
121 22.4 17.2 25.8

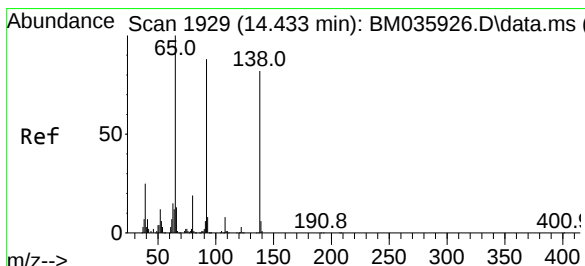
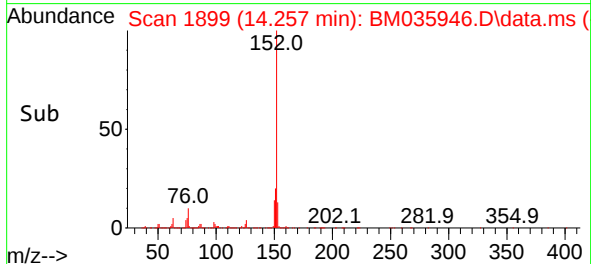
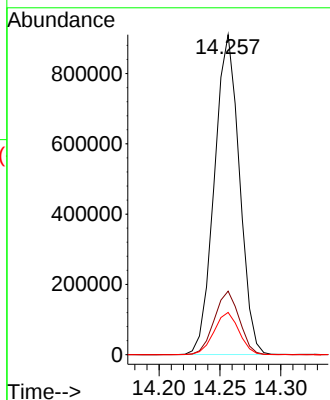
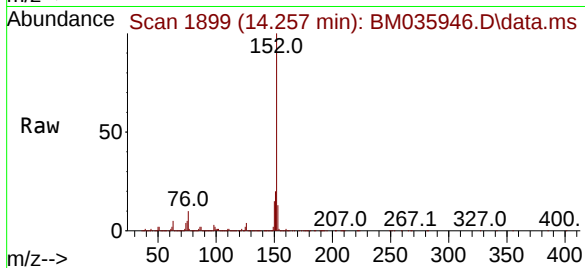




#50
Acenaphthylene
Concen: 20.812 ng/ul
RT: 14.257 min Scan# 1899
Delta R.T. -0.006 min
Lab File: BM035946.D
Acq: 27 Jul 2022 12:17

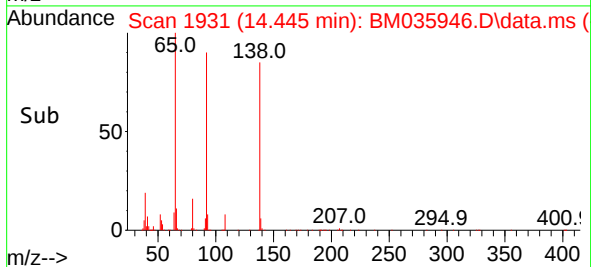
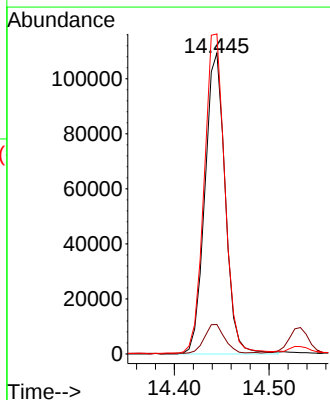
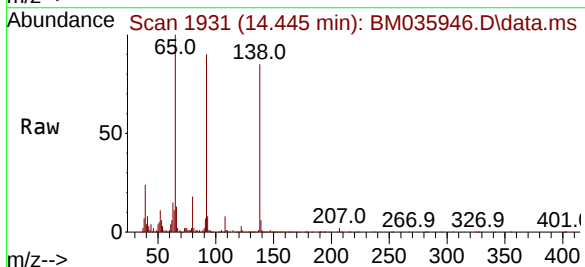
Instrument :
BNA_M
ClientSampleId :

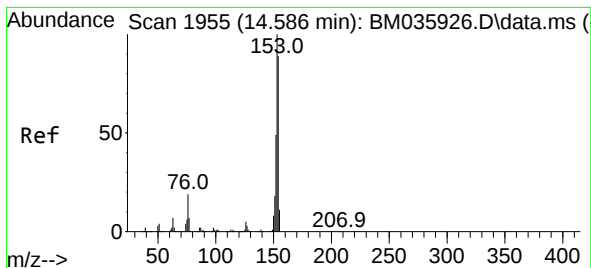
Tgt Ion:152 Resp: 1304670
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 13.2 10.6 15.8



#51
3-Nitroaniline
Concen: 16.612 ng/ul
RT: 14.445 min Scan# 1931
Delta R.T. -0.006 min
Lab File: BM035946.D
Acq: 27 Jul 2022 12:17

Tgt Ion:138 Resp: 162839
Ion Ratio Lower Upper
138 100
108 9.8 8.1 12.1
92 106.3 90.4 135.6





#52

Acenaphthene

Concen: 20.112 ng/ul

RT: 14.598 min Scan# 1957

Delta R.T. -0.006 min

Lab File: BM035946.D

Acq: 27 Jul 2022 12:17

Instrument :

BNA_M

ClientSampleId :

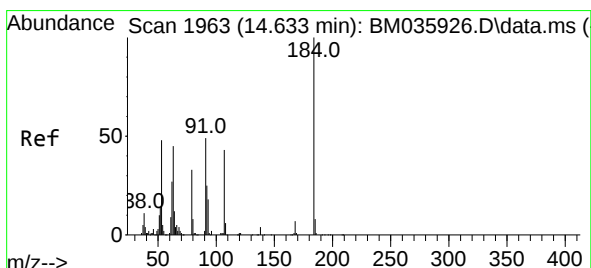
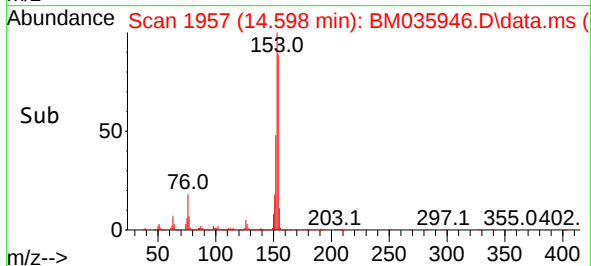
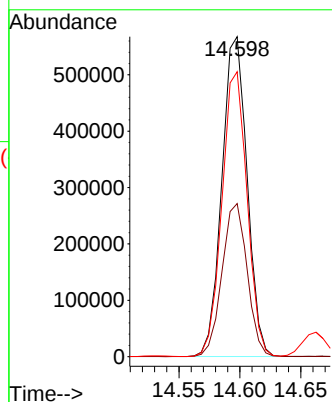
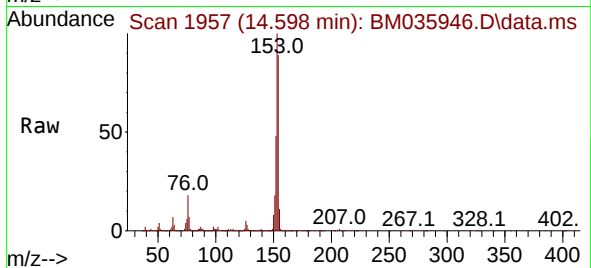
Tgt Ion:153 Resp: 817917

Ion Ratio Lower Upper

153 100

152 47.9 37.1 55.7

154 89.0 71.3 106.9



#53

2,4-Dinitrophenol

Concen: 19.562 ng/ul

RT: 14.663 min Scan# 1968

Delta R.T. -0.012 min

Lab File: BM035946.D

Acq: 27 Jul 2022 12:17

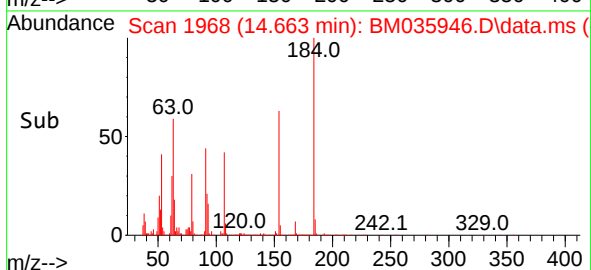
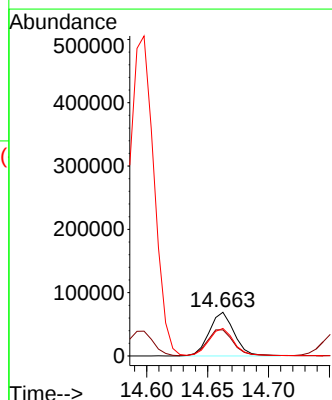
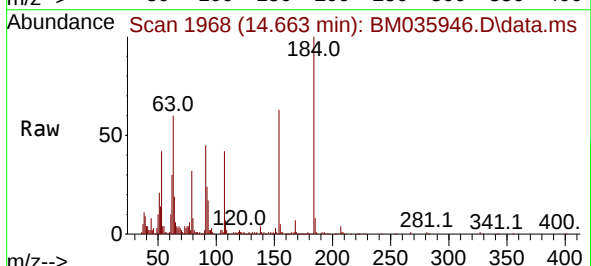
Tgt Ion:184 Resp: 98515

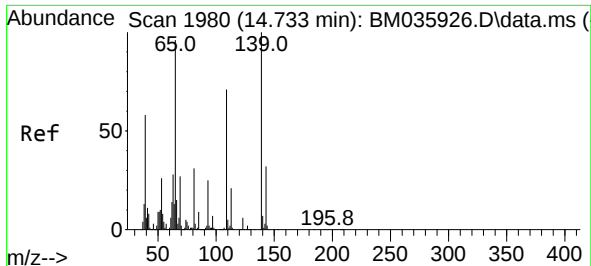
Ion Ratio Lower Upper

184 100

63 59.7 54.2 81.4

154 63.0 49.3 73.9

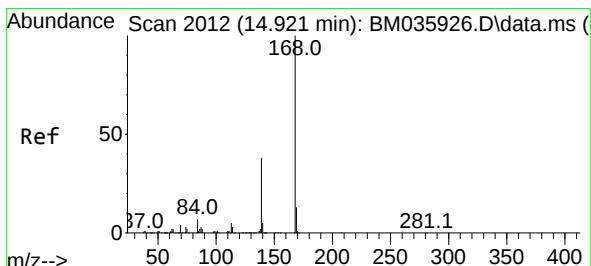
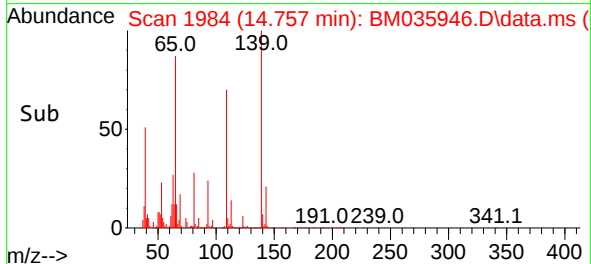
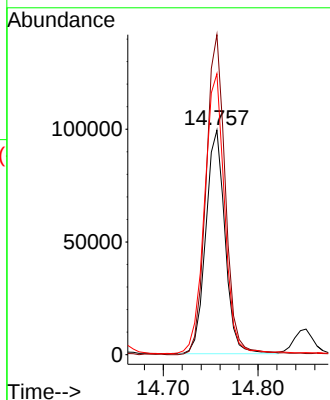
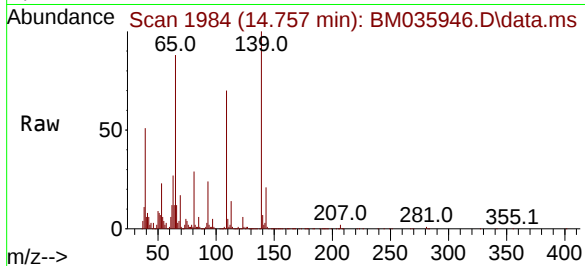




#55
4-Nitrophenol
Concen: 20.088 ng/ul
RT: 14.757 min Scan# 1980
Delta R.T. -0.012 min
Lab File: BM035946.D
Acq: 27 Jul 2022 12:17

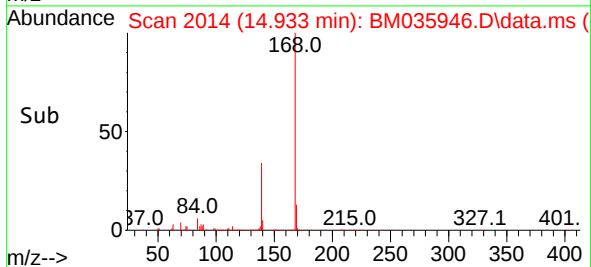
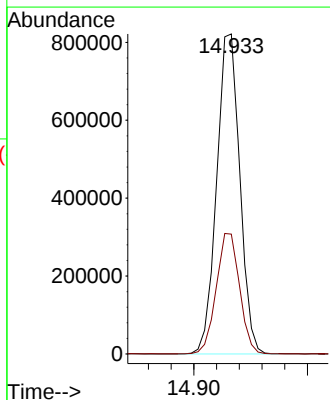
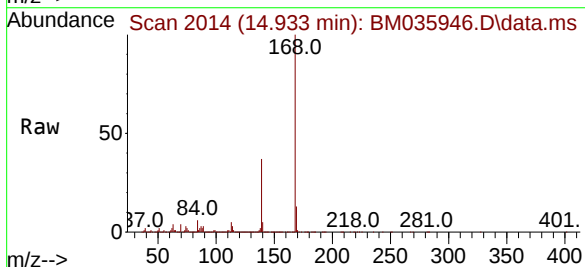
Instrument :
BNA_M
ClientSampleId :

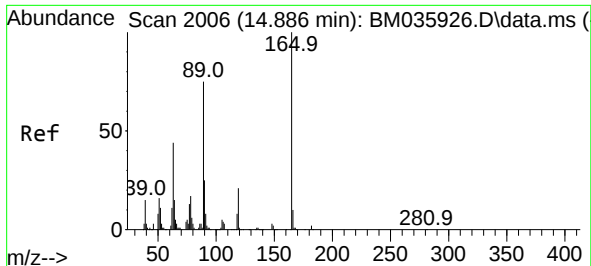
Tgt Ion:109 Resp: 140127
Ion Ratio Lower Upper
109 100
139 142.6 124.9 187.3
65 125.2 122.2 183.4



#56
Dibenzofuran
Concen: 20.658 ng/ul
RT: 14.933 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BM035946.D
Acq: 27 Jul 2022 12:17

Tgt Ion:168 Resp: 1162422
Ion Ratio Lower Upper
168 100
139 37.4 30.1 45.1





#57

2,4-Dinitrotoluene

Concen: 22.231 ng/ul

RT: 14.904 min Scan# 2009

Delta R.T. -0.012 min

Lab File: BM035946.D

Acq: 27 Jul 2022 12:17

Instrument :

BNA_M

ClientSampleId :

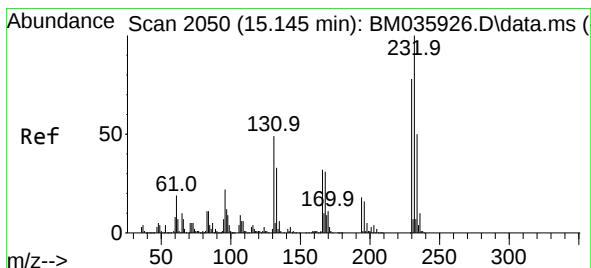
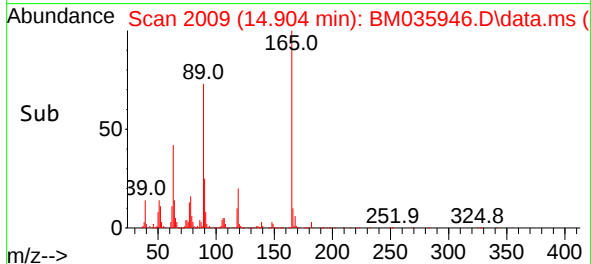
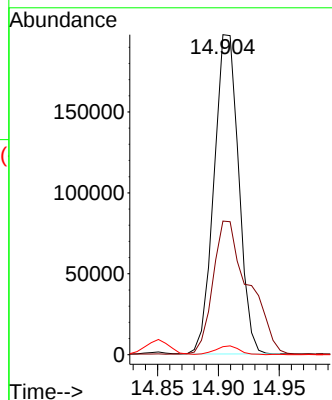
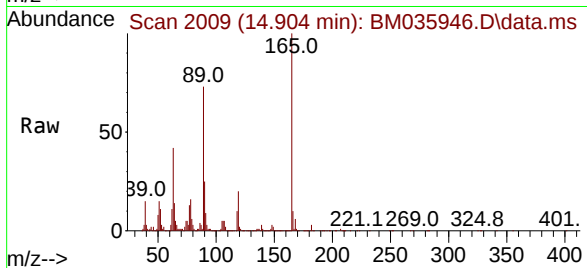
Tgt Ion:165 Resp: 277946

Ion Ratio Lower Upper

165 100

63 41.7 35.9 53.9

182 2.5 2.5 3.7



#58

2,3,4,6-Tetrachlorophenol

Concen: 22.169 ng/ul

RT: 15.157 min Scan# 2052

Delta R.T. -0.012 min

Lab File: BM035946.D

Acq: 27 Jul 2022 12:17

Tgt Ion:232 Resp: 220748

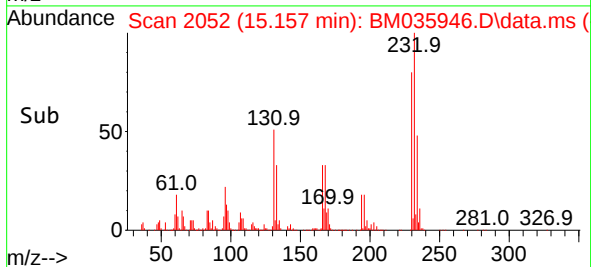
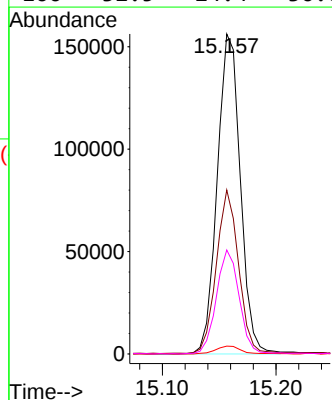
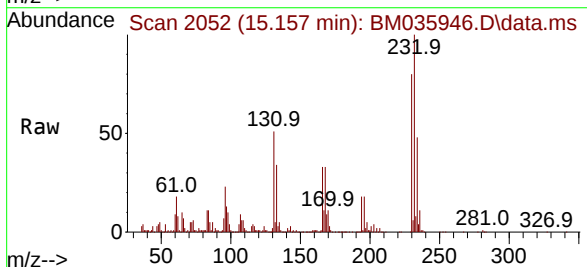
Ion Ratio Lower Upper

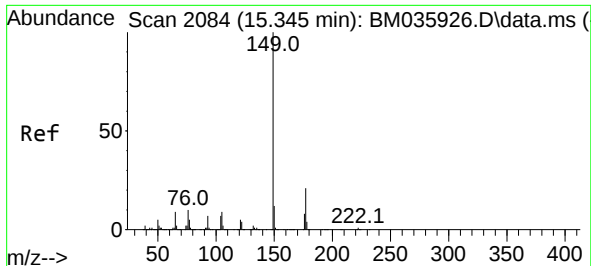
232 100

131 51.2 36.7 55.1

130 2.4 1.7 2.5

166 32.5 24.4 36.6

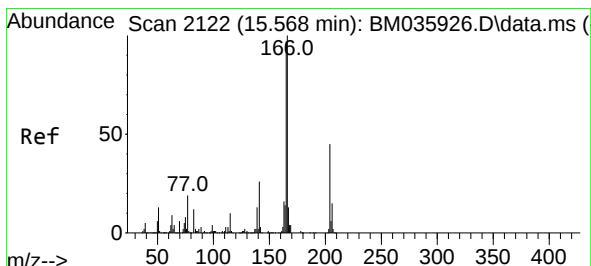
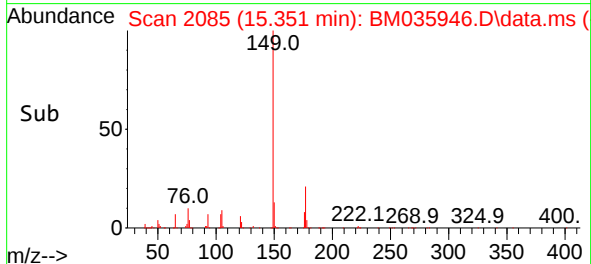
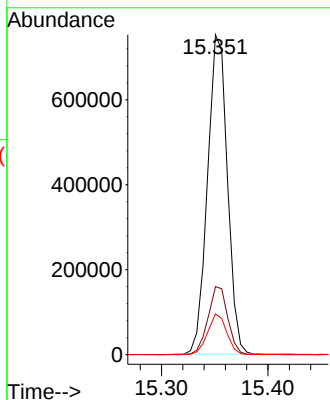
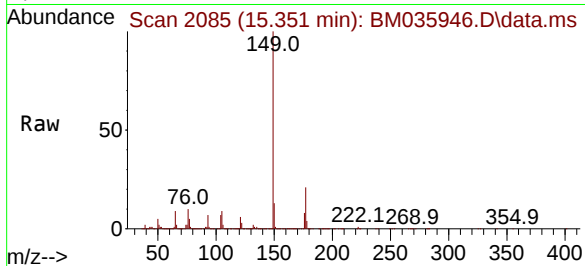




#59
Diethylphthalate
Concen: 21.642 ng/ul
RT: 15.351 min Scan# 2085
Delta R.T. -0.006 min
Lab File: BM035946.D
Acq: 27 Jul 2022 12:17

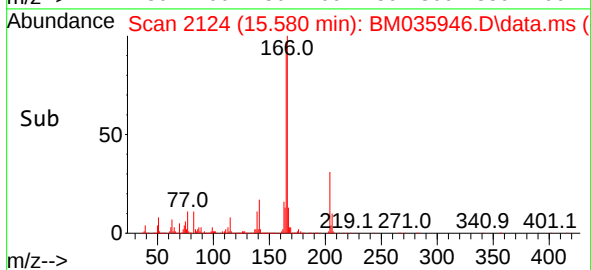
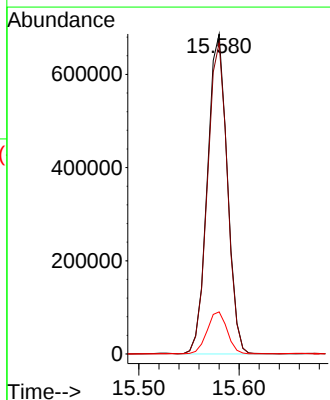
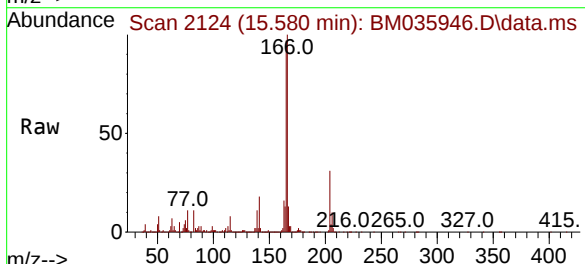
Instrument :
BNA_M
ClientSampleId :

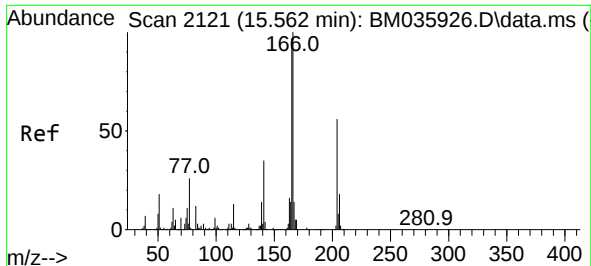
Tgt Ion:149 Resp: 977951
Ion Ratio Lower Upper
149 100
177 21.2 16.8 25.2
150 12.8 10.2 15.4



#61
Fluorene
Concen: 20.520 ng/ul
RT: 15.580 min Scan# 2124
Delta R.T. -0.006 min
Lab File: BM035946.D
Acq: 27 Jul 2022 12:17

Tgt Ion:166 Resp: 943235
Ion Ratio Lower Upper
166 100
165 97.2 77.2 115.8
167 13.1 11.0 16.4

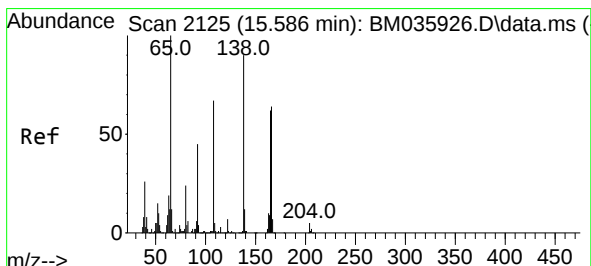
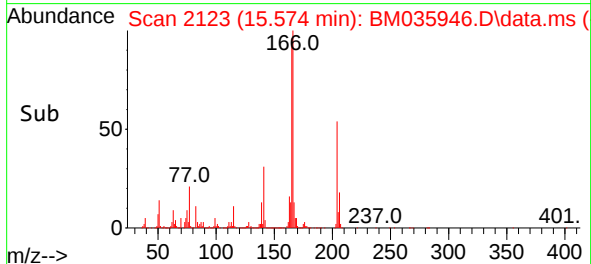
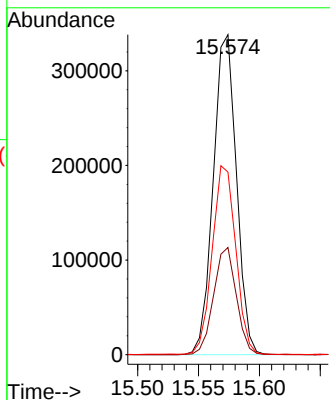
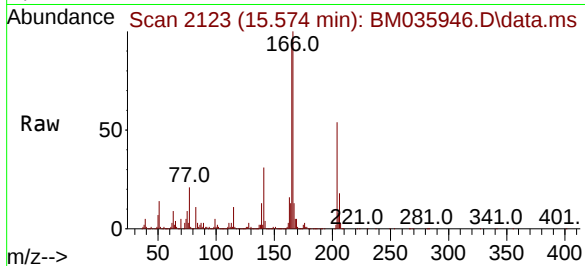




#62
4-Chlorophenyl-phenylether
Concen: 20.394 ng/ul
RT: 15.574 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BM035946.D
Acq: 27 Jul 2022 12:17

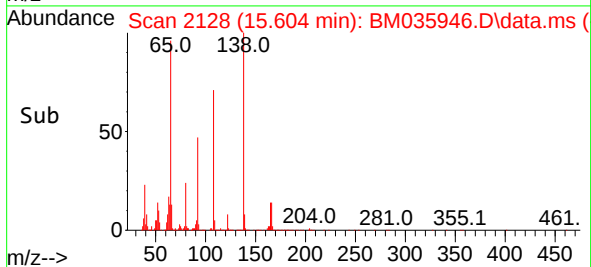
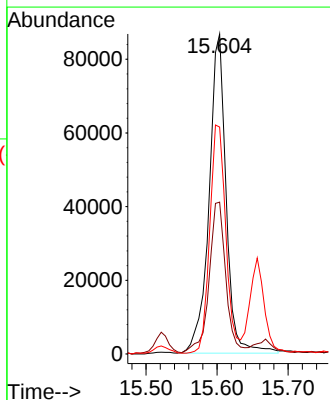
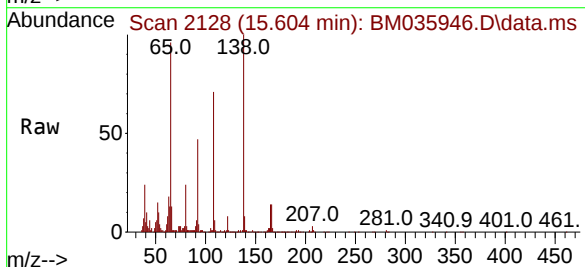
Instrument :
BNA_M
ClientSampleId :

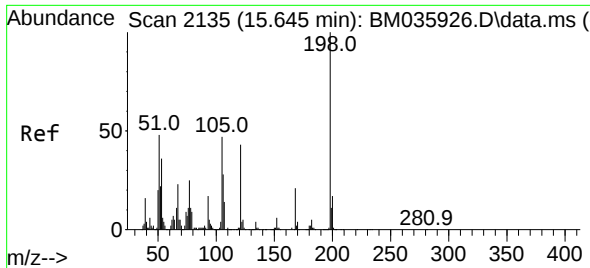
Tgt Ion:204 Resp: 449162
Ion Ratio Lower Upper
204 100
206 33.5 25.9 38.9
141 57.0 50.6 75.8



#63
4-Nitroaniline
Concen: 16.055 ng/ul
RT: 15.604 min Scan# 2128
Delta R.T. -0.006 min
Lab File: BM035946.D
Acq: 27 Jul 2022 12:17

Tgt Ion:138 Resp: 144884
Ion Ratio Lower Upper
138 100
92 47.5 39.2 58.8
108 70.9 51.6 77.4

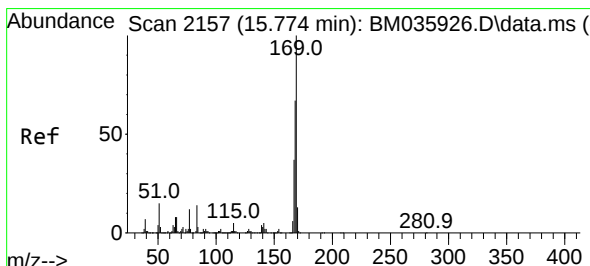
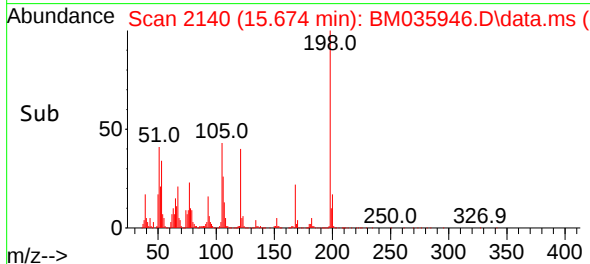
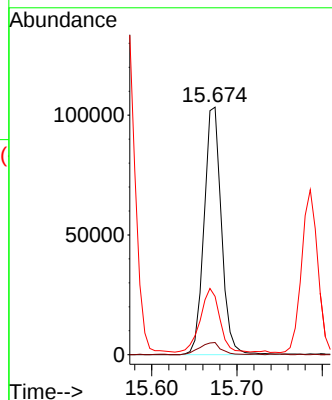
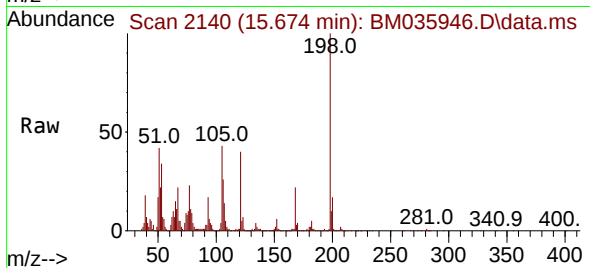




#66
4,6-Dinitro-2-methylphenol
Concen: 20.318 ng/ul
RT: 15.674 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BM035946.D
Acq: 27 Jul 2022 12:17

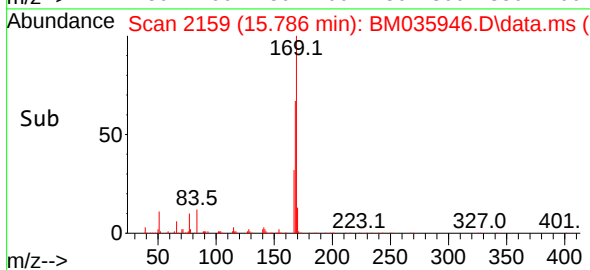
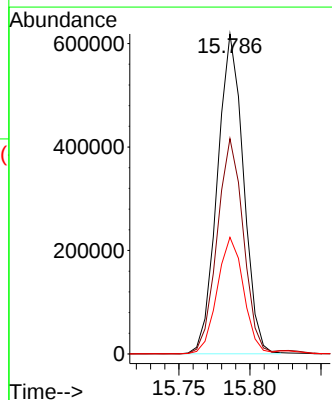
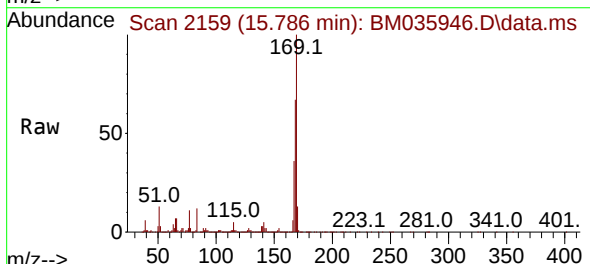
Instrument :
BNA_M
ClientSampleId :

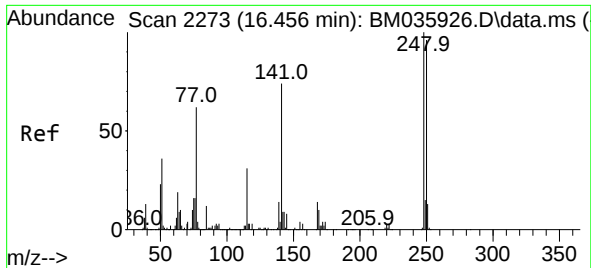
Tgt Ion:198 Resp: 145820
Ion Ratio Lower Upper
198 100
182 4.9 4.2 6.4
77 23.5 19.9 29.9



#67
N-Nitrosodiphenylamine
Concen: 20.112 ng/ul
RT: 15.786 min Scan# 2159
Delta R.T. -0.006 min
Lab File: BM035946.D
Acq: 27 Jul 2022 12:17

Tgt Ion:169 Resp: 788908
Ion Ratio Lower Upper
169 100
168 67.3 53.8 80.6
167 36.5 28.7 43.1

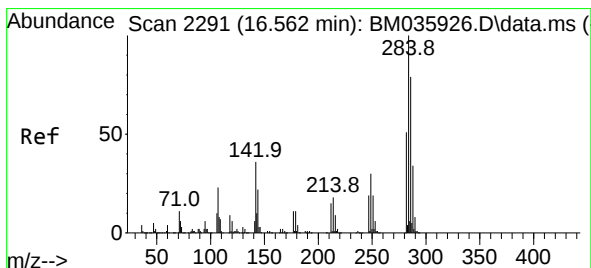
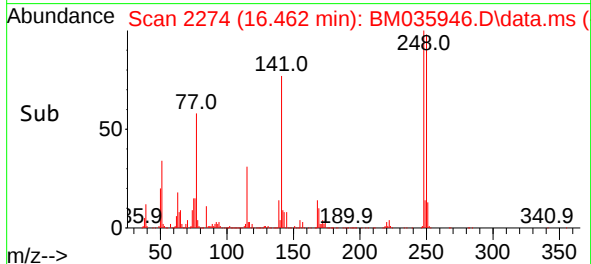
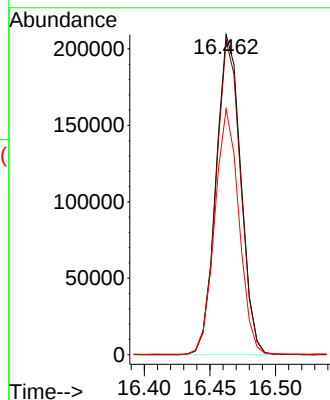
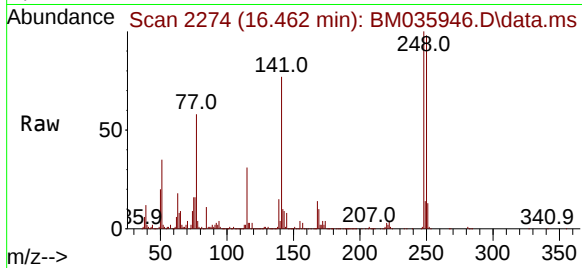




#68
4-Bromophenyl-phenylether
Concen: 21.023 ng/ul
RT: 16.462 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM035946.D
Acq: 27 Jul 2022 12:17

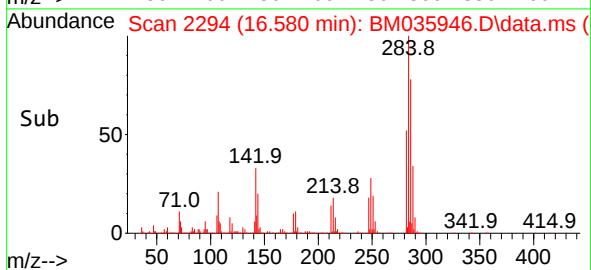
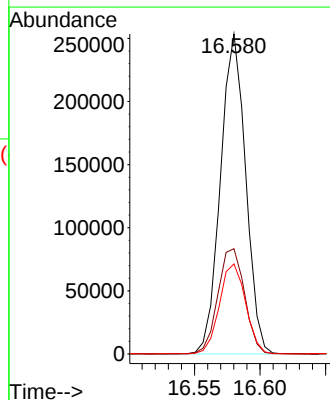
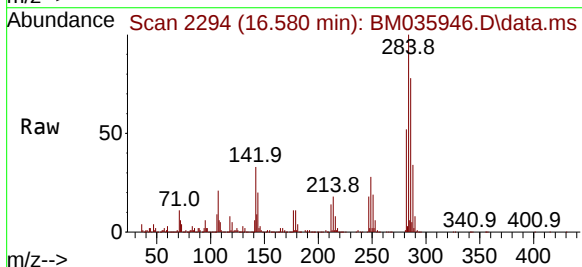
Instrument :
BNA_M
ClientSampleId :

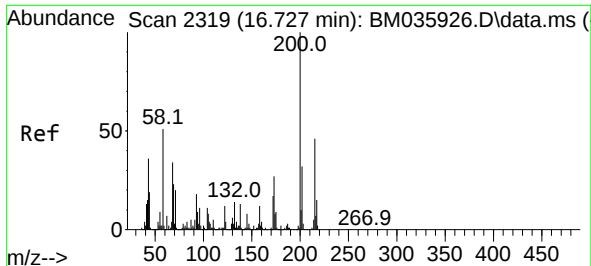
Tgt Ion:248 Resp: 274993
Ion Ratio Lower Upper
248 100
250 98.3 77.3 115.9
141 76.7 59.8 89.8



#69
Hexachlorobenzene
Concen: 21.235 ng/ul
RT: 16.580 min Scan# 2294
Delta R.T. -0.006 min
Lab File: BM035946.D
Acq: 27 Jul 2022 12:17

Tgt Ion:284 Resp: 338447
Ion Ratio Lower Upper
284 100
142 32.9 28.6 42.8
249 28.1 24.6 37.0

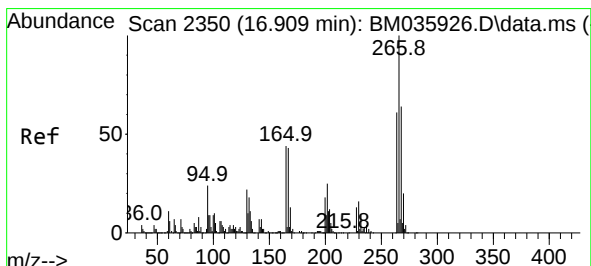
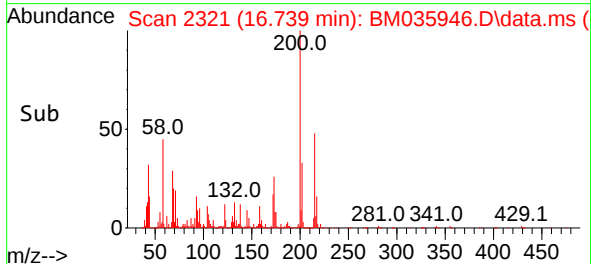
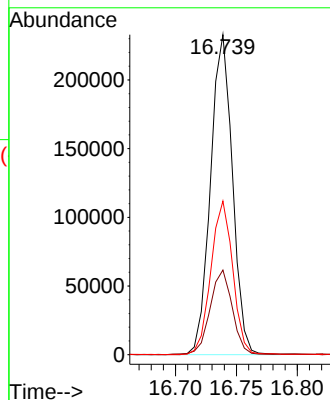
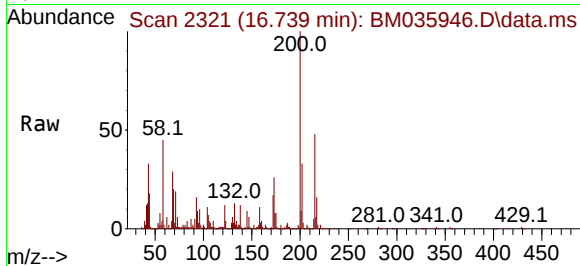




#70
Atrazine
Concen: 21.453 ng/ul
RT: 16.739 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM035946.D
Acq: 27 Jul 2022 12:17

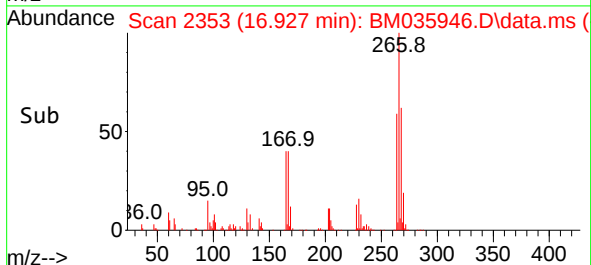
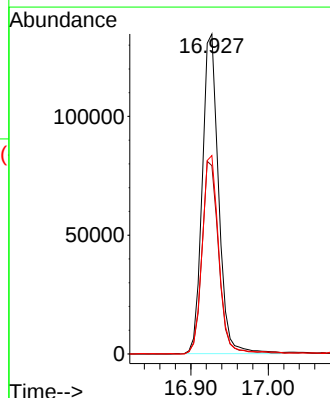
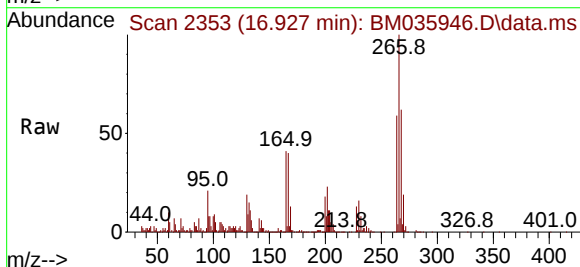
Instrument :
BNA_M
ClientSampleId :

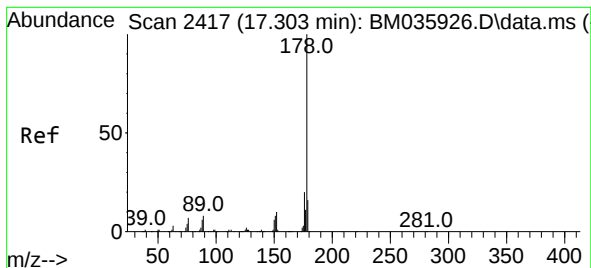
Tgt Ion:200 Resp: 291879
Ion Ratio Lower Upper
200 100
173 26.5 21.3 31.9
215 48.0 39.0 58.6



#71
Pentachlorophenol
Concen: 20.197 ng/ul
RT: 16.927 min Scan# 2353
Delta R.T. -0.006 min
Lab File: BM035946.D
Acq: 27 Jul 2022 12:17

Tgt Ion:266 Resp: 196653
Ion Ratio Lower Upper
266 100
264 58.9 49.5 74.3
268 62.0 51.0 76.4





#72

Phenanthrene

Concen: 20.305 ng/u1

RT: 17.315 min Scan# 2419

Delta R.T. -0.006 min

Lab File: BM035946.D

Acq: 27 Jul 2022 12:17

Instrument :

BNA_M

ClientSampleId :

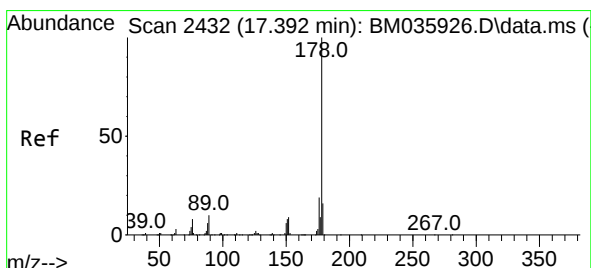
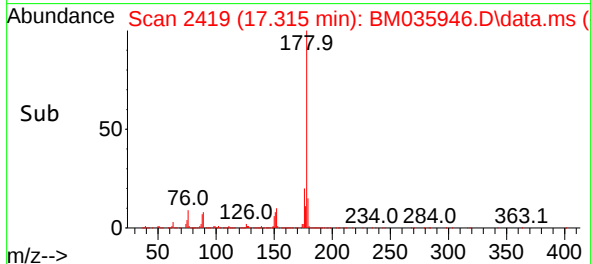
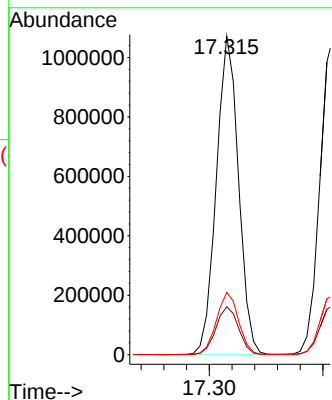
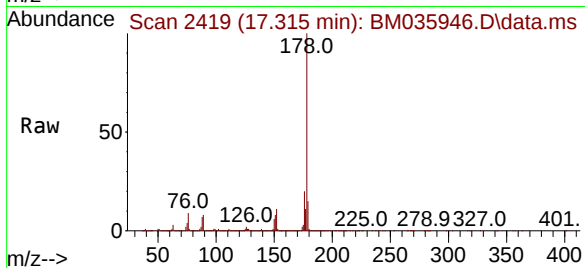
Tgt Ion:178 Resp: 1452102

Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.2

176 19.6 14.9 22.3



#74

Anthracene

Concen: 20.702 ng/u1

RT: 17.409 min Scan# 2435

Delta R.T. -0.006 min

Lab File: BM035946.D

Acq: 27 Jul 2022 12:17

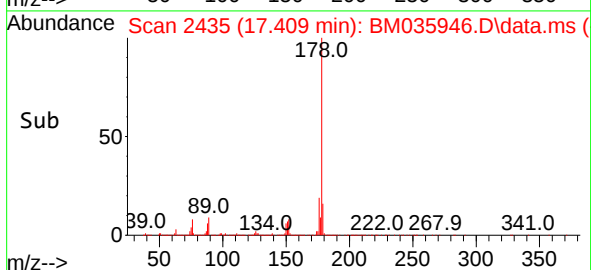
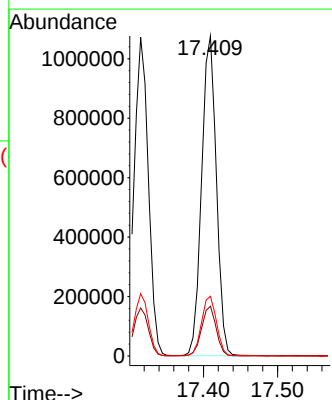
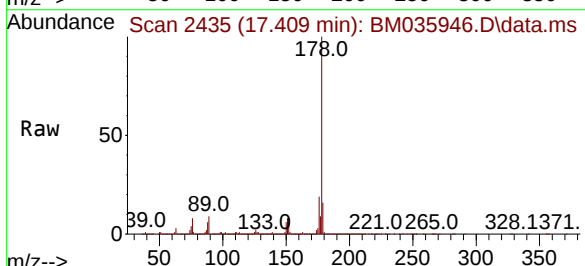
Tgt Ion:178 Resp: 1485586

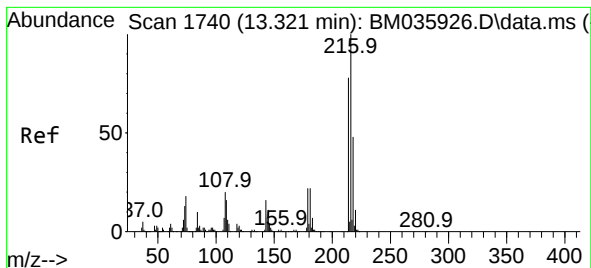
Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.2

176 18.6 14.4 21.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 19.652 ng/uL

RT: 13.333 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM035946.D

Acq: 27 Jul 2022 12:17

Instrument :

BNA_M

ClientSampleId :

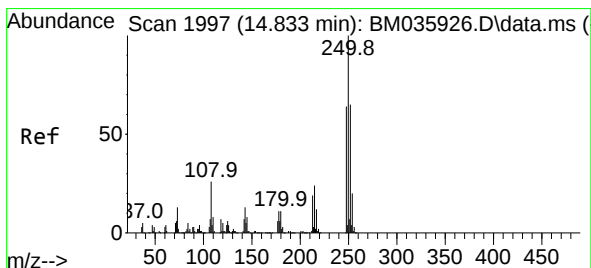
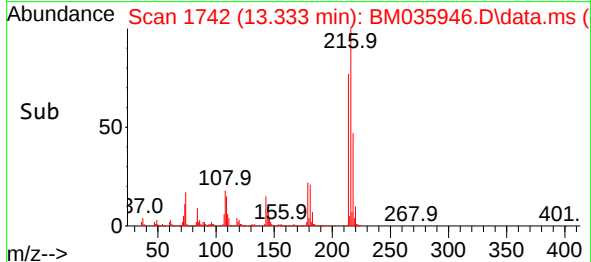
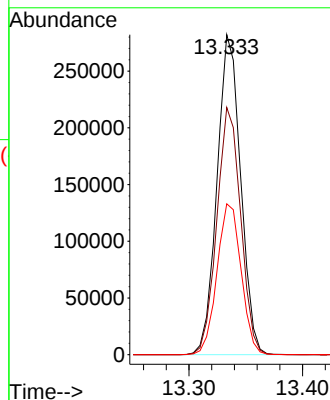
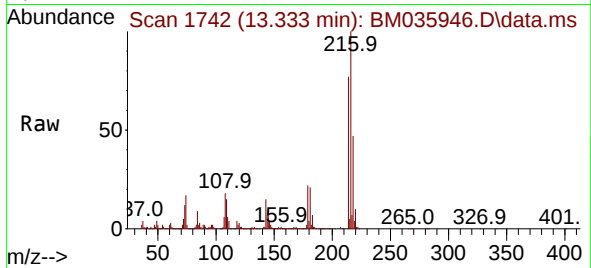
Tgt Ion:216 Resp: 407772

Ion Ratio Lower Upper

216 100

214 77.3 60.9 91.3

218 47.2 37.5 56.3



#76

Pentachlorobenzene

Concen: 20.586 ng/uL

RT: 14.851 min Scan# 2000

Delta R.T. -0.006 min

Lab File: BM035946.D

Acq: 27 Jul 2022 12:17

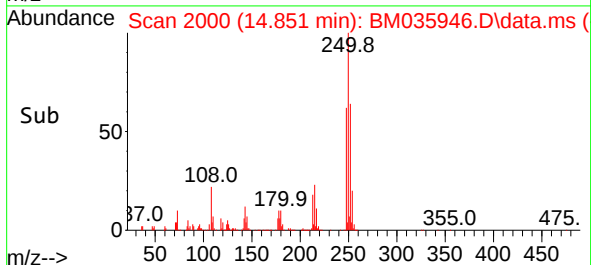
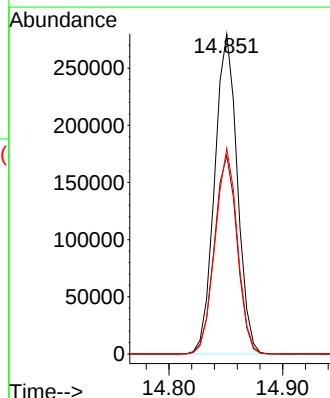
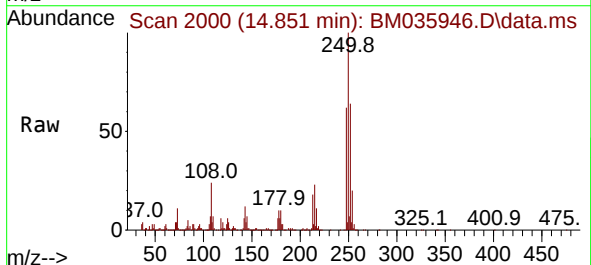
Tgt Ion:250 Resp: 387201

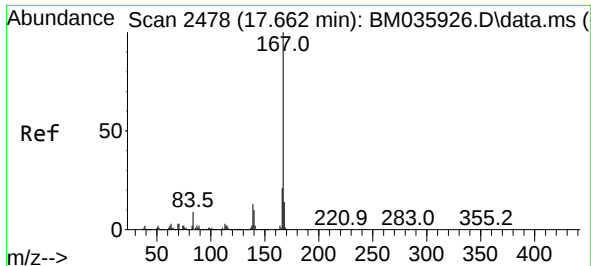
Ion Ratio Lower Upper

250 100

248 62.0 50.4 75.6

252 64.2 51.1 76.7

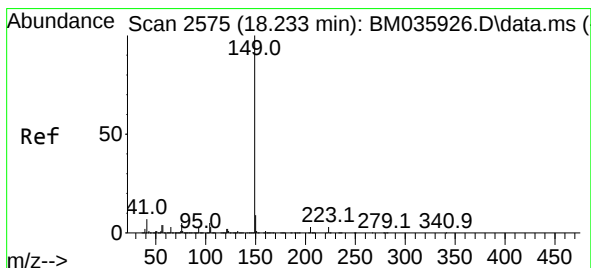
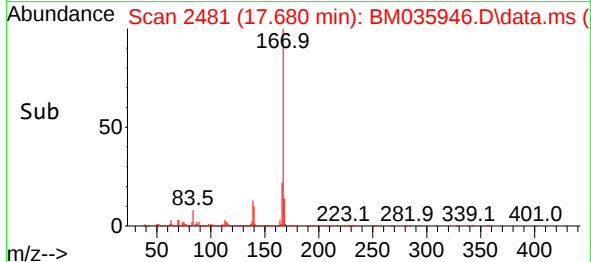
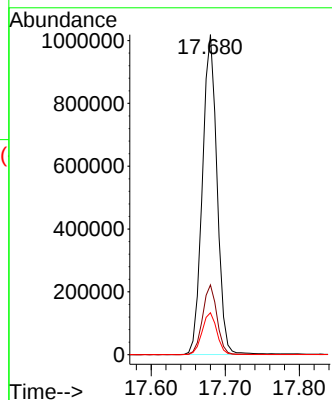
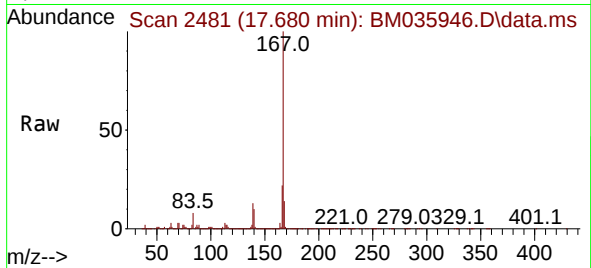




#77
Carbazole
Concen: 21.108 ng/ul
RT: 17.680 min Scan# 2478
Delta R.T. -0.006 min
Lab File: BM035946.D
Acq: 27 Jul 2022 12:17

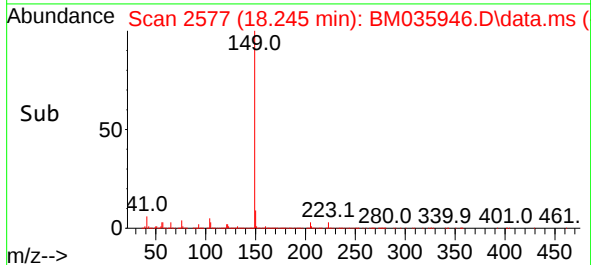
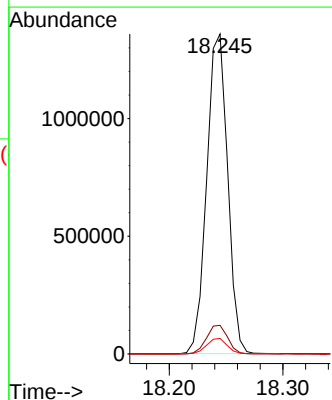
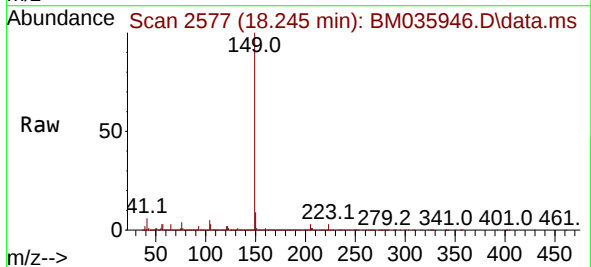
Instrument :
BNA_M
ClientSampleId :

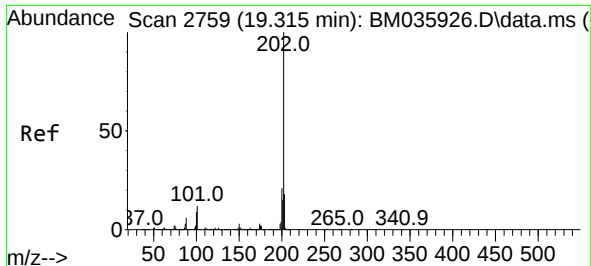
Tgt Ion:167 Resp: 1398989
Ion Ratio Lower Upper
167 100
166 21.8 17.4 26.0
139 13.1 10.1 15.1



#78
Di-n-butylphthalate
Concen: 23.186 ng/ul
RT: 18.245 min Scan# 2577
Delta R.T. -0.000 min
Lab File: BM035946.D
Acq: 27 Jul 2022 12:17

Tgt Ion:149 Resp: 1733793
Ion Ratio Lower Upper
149 100
150 9.0 7.3 10.9
104 4.8 3.7 5.5

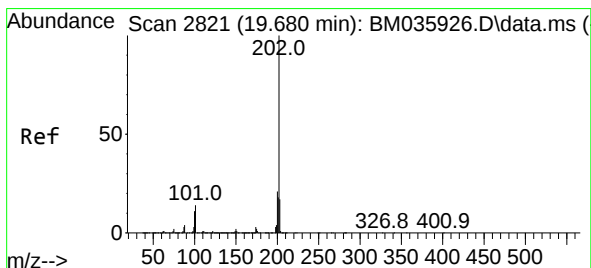
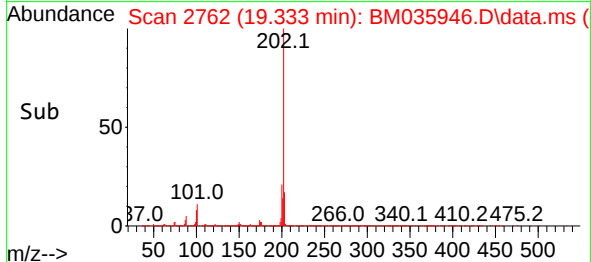
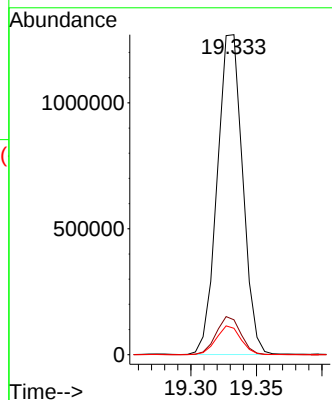
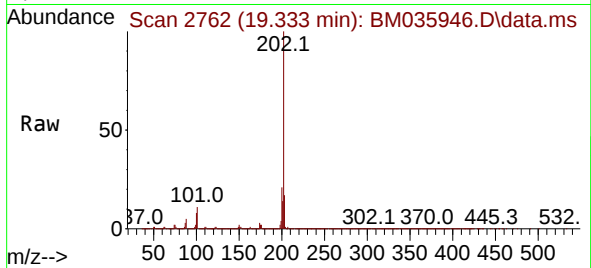




#80
Fluoranthene
Concen: 20.235 ng/ul
RT: 19.333 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM035946.D
Acq: 27 Jul 2022 12:17

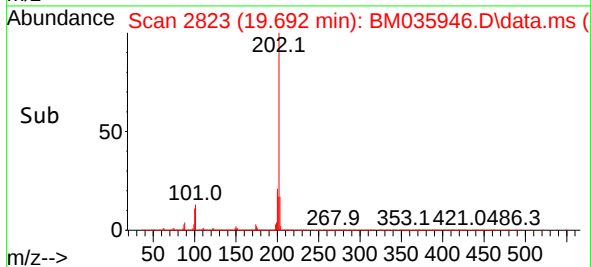
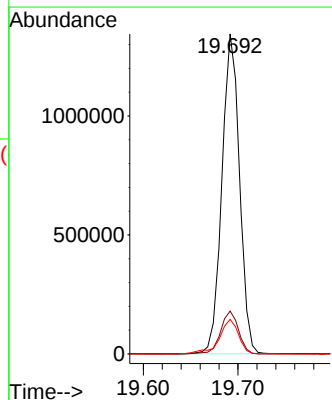
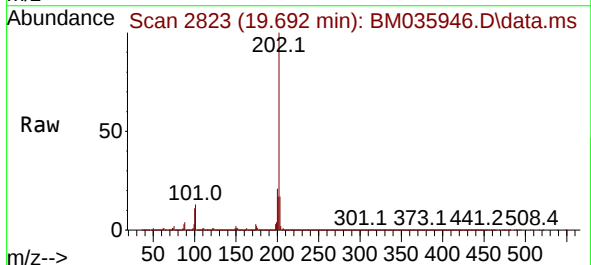
Instrument :
BNA_M
ClientSampleId :

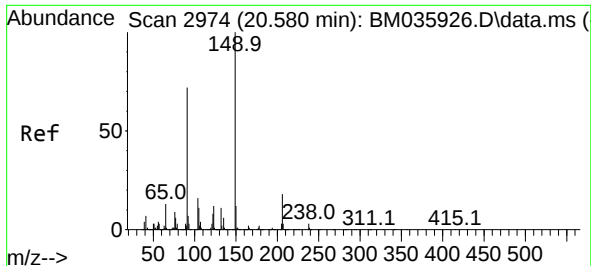
Tgt Ion:202 Resp: 1713704
Ion Ratio Lower Upper
202 100
101 10.9 10.1 15.1
100 8.3 7.8 11.6



#82
Pyrene
Concen: 19.918 ng/ul
RT: 19.692 min Scan# 2823
Delta R.T. -0.006 min
Lab File: BM035946.D
Acq: 27 Jul 2022 12:17

Tgt Ion:202 Resp: 1738661
Ion Ratio Lower Upper
202 100
101 13.4 11.9 17.9
100 10.8 10.2 15.4

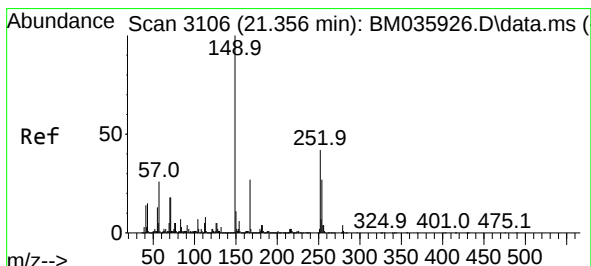
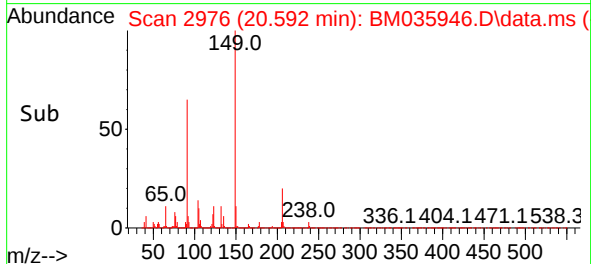
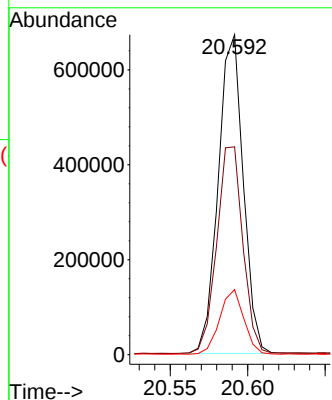
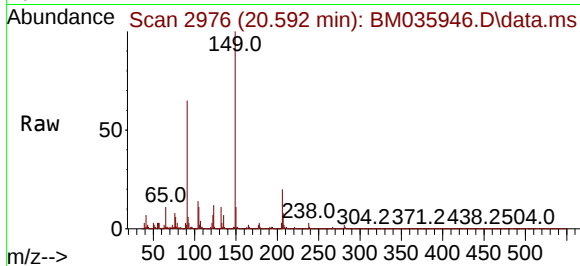




#83
Butylbenzylphthalate
Concen: 23.738 ng/ul
RT: 20.592 min Scan# 2976
Delta R.T. -0.000 min
Lab File: BM035946.D
Acq: 27 Jul 2022 12:17

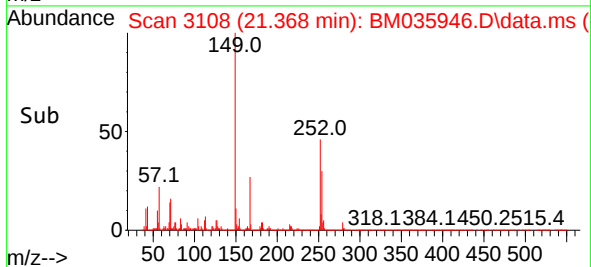
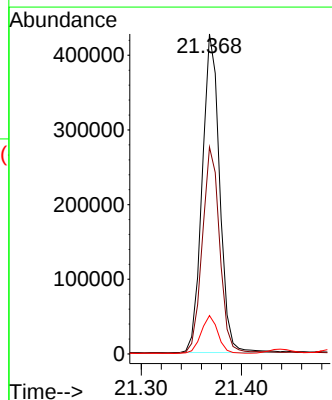
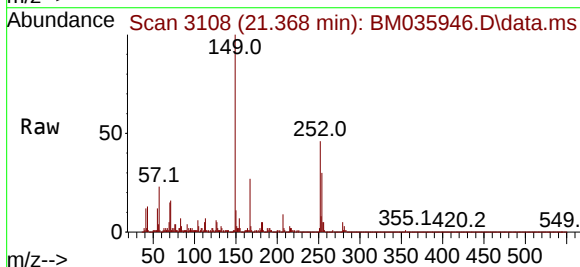
Instrument :
BNA_M
ClientSampleId :

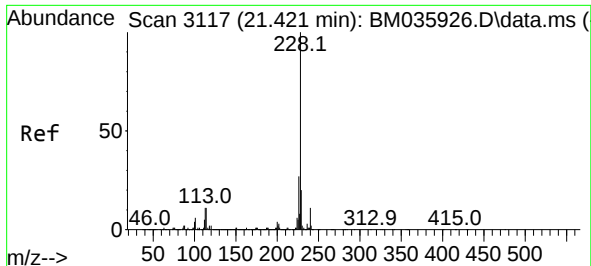
Tgt Ion:149 Resp: 753621
Ion Ratio Lower Upper
149 100
91 64.9 53.2 79.8
206 20.4 16.0 24.0



#84
3,3'-Dichlorobenzidine
Concen: 21.897 ng/ul
RT: 21.368 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BM035946.D
Acq: 27 Jul 2022 12:17

Tgt Ion:252 Resp: 516801
Ion Ratio Lower Upper
252 100
254 64.6 52.4 78.6
126 12.0 10.8 16.2

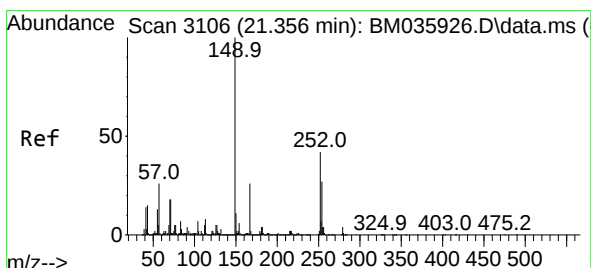
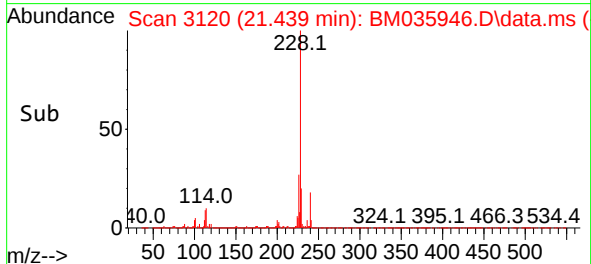
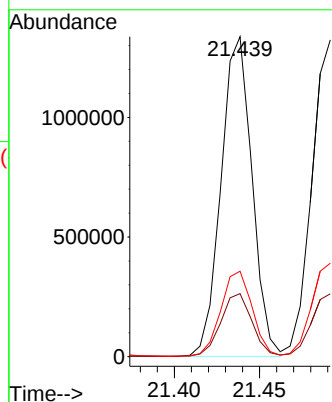
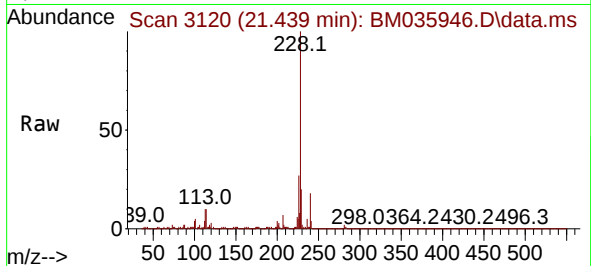




#85
Benzo(a)anthracene
Concen: 20.991 ng/ul
RT: 21.439 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BM035946.D
Acq: 27 Jul 2022 12:17

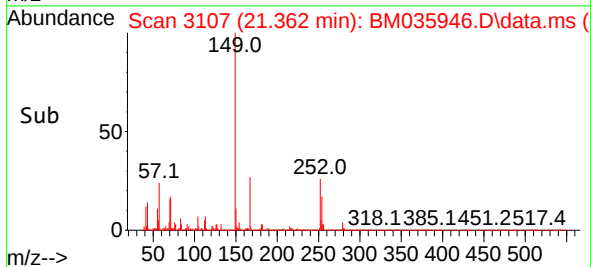
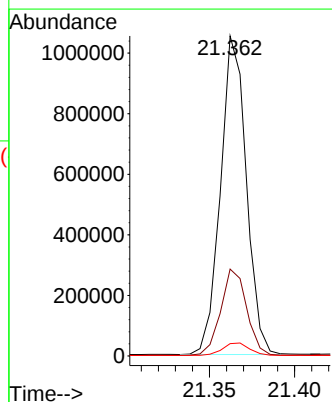
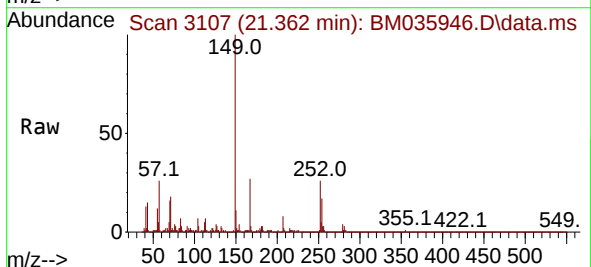
Instrument :
BNA_M
ClientSampleId :

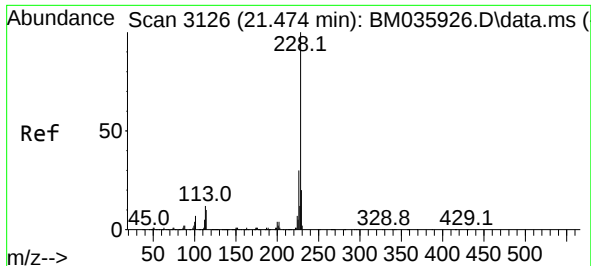
Tgt Ion:228 Resp: 1689798
Ion Ratio Lower Upper
228 100
229 19.7 15.6 23.4
226 26.7 21.7 32.5



#86
Bis(2-ethylhexyl)phthalate
Concen: 24.172 ng/ul
RT: 21.362 min Scan# 3107
Delta R.T. -0.006 min
Lab File: BM035946.D
Acq: 27 Jul 2022 12:17

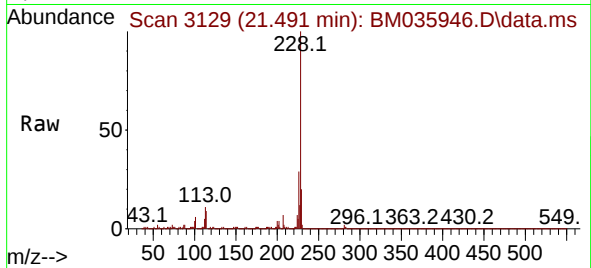
Tgt Ion:149 Resp: 1108876
Ion Ratio Lower Upper
149 100
167 27.1 21.5 32.3
279 3.9 3.4 5.2



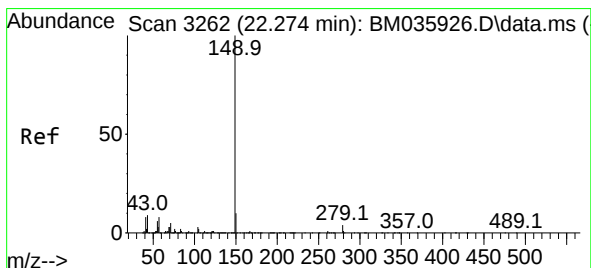
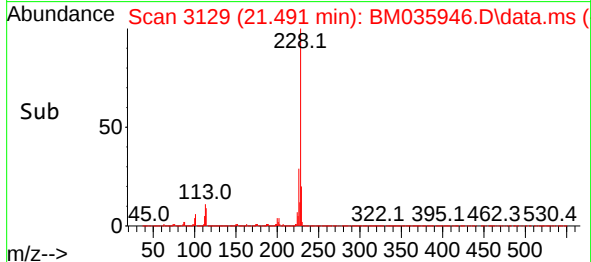
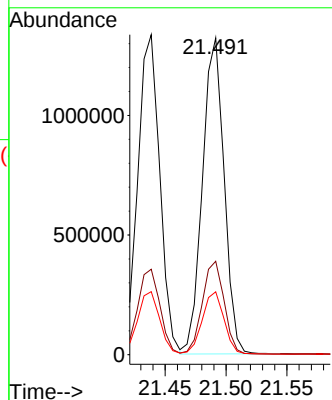


#87
Chrysene
Concen: 20.751 ng/ul
RT: 21.491 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM035946.D
Acq: 27 Jul 2022 12:17

Instrument :
BNA_M
ClientSampleId :

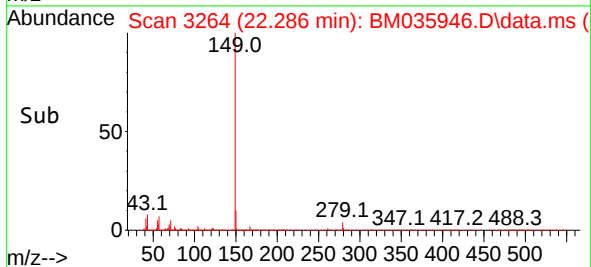
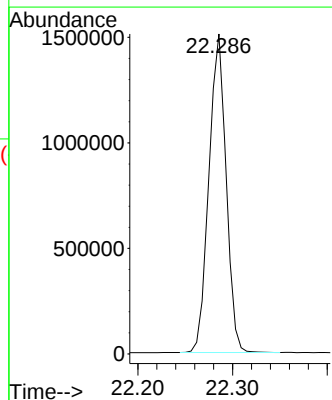
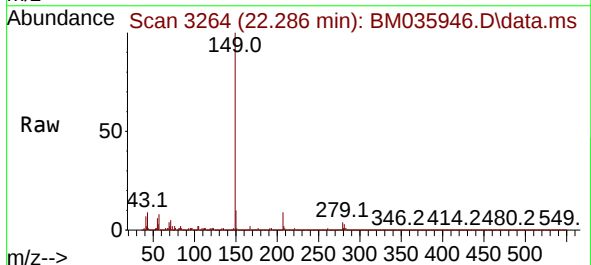


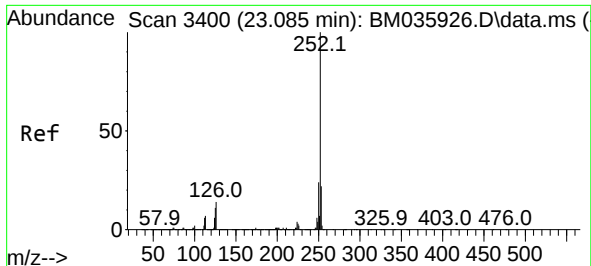
Tgt Ion:228 Resp: 1629905
Ion Ratio Lower Upper
228 100
226 29.5 23.7 35.5
229 19.9 15.5 23.3



#89
Di-n-octyl phthalate
Concen: 21.105 ng/ul
RT: 22.286 min Scan# 3264
Delta R.T. -0.000 min
Lab File: BM035946.D
Acq: 27 Jul 2022 12:17

Tgt Ion:149 Resp: 1898783

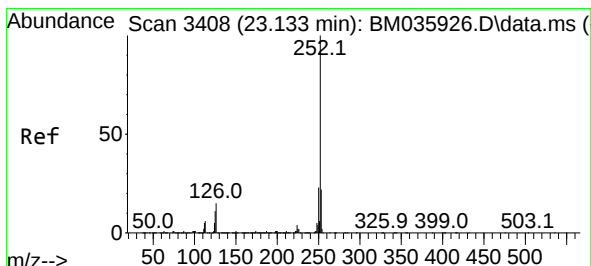
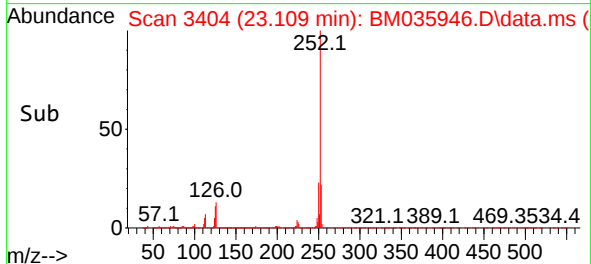
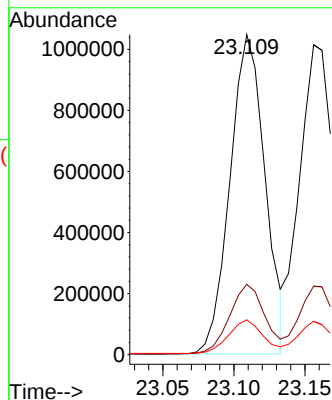
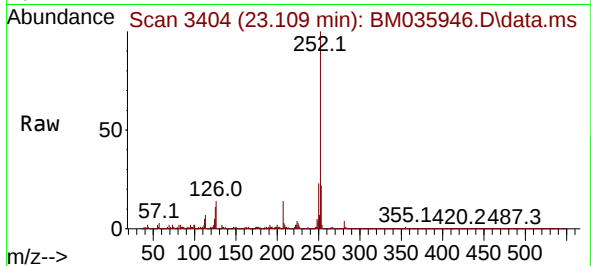




#90
Benzo(b)fluoranthene
Concen: 19.336 ng/ul
RT: 23.109 min Scan# 3410
Delta R.T. -0.012 min
Lab File: BM035946.D
Acq: 27 Jul 2022 12:17

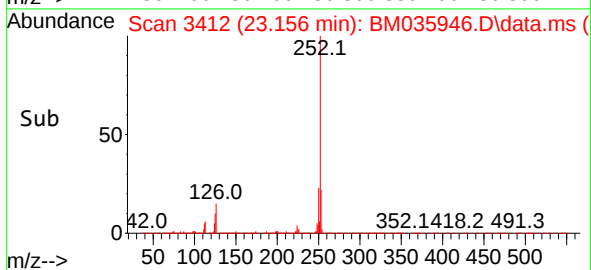
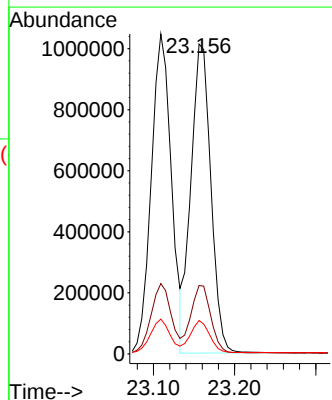
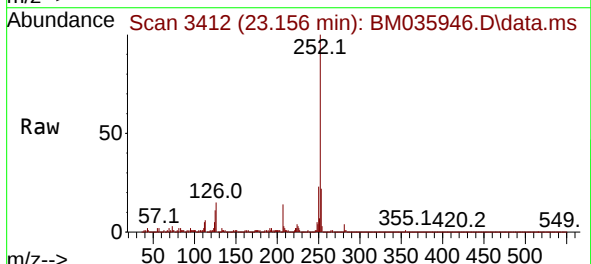
Instrument :
BNA_M
ClientSampleId :

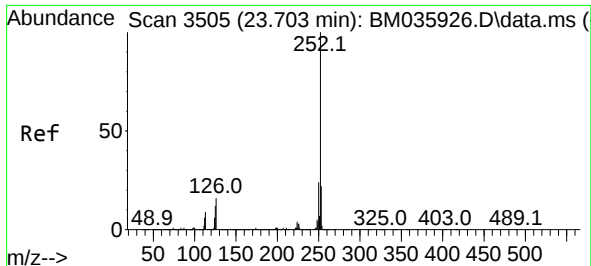
Tgt Ion:252 Resp: 1797774
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 10.9 10.7 16.1



#91
Benzo(k)fluoranthene
Concen: 19.650 ng/ul
RT: 23.156 min Scan# 3412
Delta R.T. -0.012 min
Lab File: BM035946.D
Acq: 27 Jul 2022 12:17

Tgt Ion:252 Resp: 1733712
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 10.8 10.6 15.8

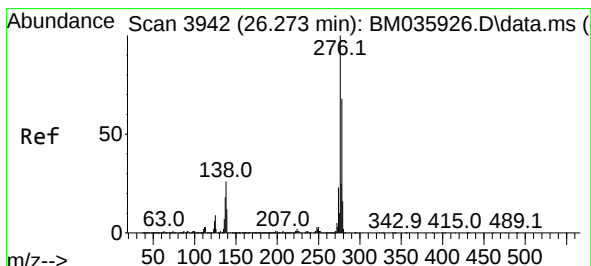
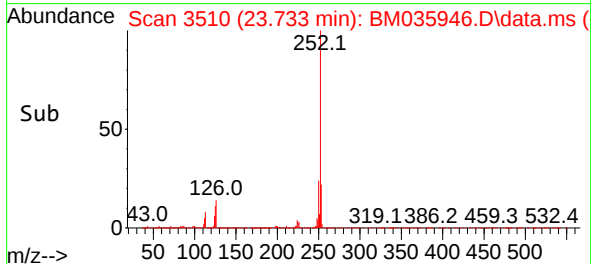
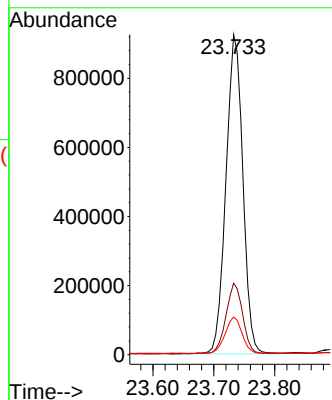
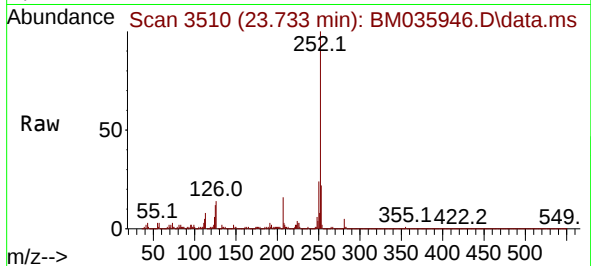




#93
Benzo(a)pyrene
Concen: 20.154 ng/ul
RT: 23.733 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM035946.D
Acq: 27 Jul 2022 12:17

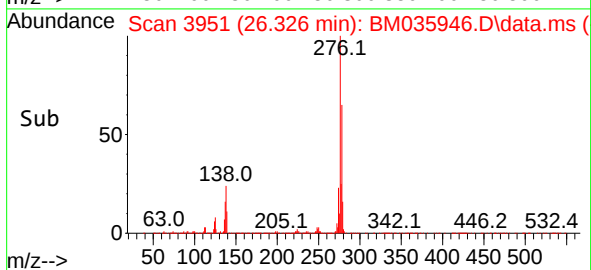
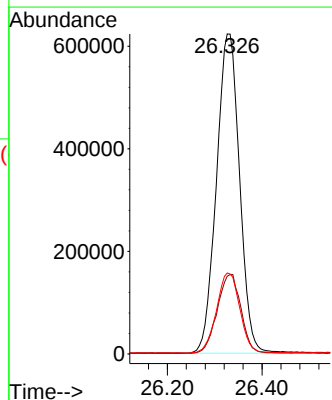
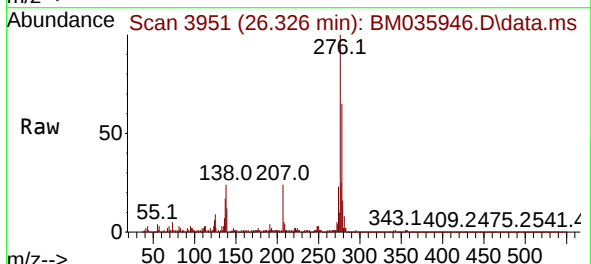
Instrument :
BNA_M
ClientSampleId :

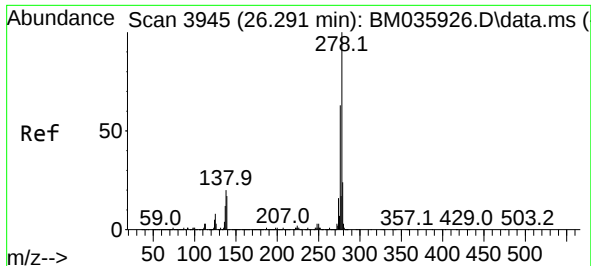
Tgt Ion:252 Resp: 1784806
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 11.7 11.8 17.8#



#94
Indeno(1,2,3-cd)pyrene
Concen: 22.344 ng/ul
RT: 26.326 min Scan# 3951
Delta R.T. -0.018 min
Lab File: BM035946.D
Acq: 27 Jul 2022 12:17

Tgt Ion:276 Resp: 2109187
Ion Ratio Lower Upper
276 100
138 24.3 25.6 38.4#
277 25.3 20.1 30.1

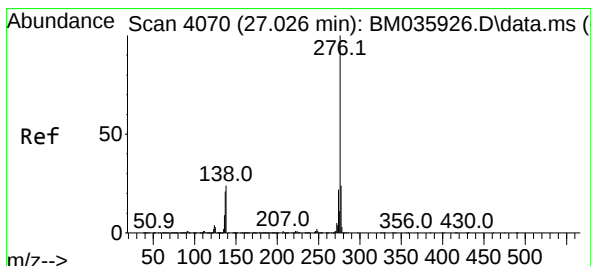
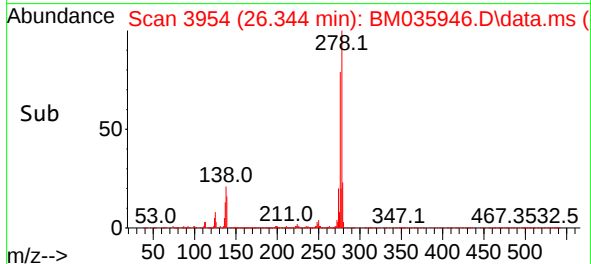
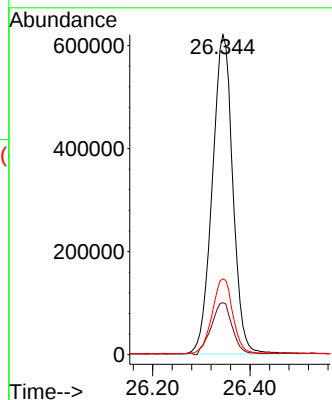
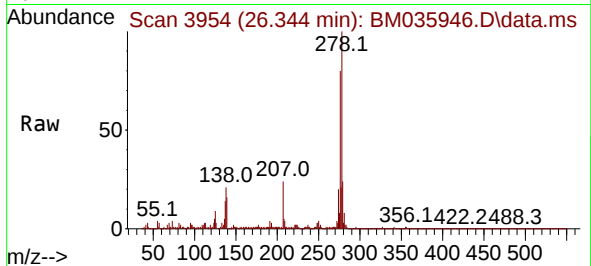




#95
Dibenzo(a,h)anthracene
Concen: 22.346 ng/ul
RT: 26.344 min Scan# 3945
Delta R.T. -0.012 min
Lab File: BM035946.D
Acq: 27 Jul 2022 12:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 1809684
Ion Ratio Lower Upper
278 100
139 16.2 16.2 24.2
279 23.7 18.7 28.1



#96
Benzo(g,h,i)perylene
Concen: 22.674 ng/ul
RT: 27.097 min Scan# 4082
Delta R.T. -0.012 min
Lab File: BM035946.D
Acq: 27 Jul 2022 12:17

Tgt Ion:276 Resp: 1773709
Ion Ratio Lower Upper
276 100
138 22.0 21.3 31.9
277 24.0 18.6 28.0

