

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072922\
 Data File : BM036018.D
 Acq On : 30 Jul 2022 07:13
 Operator : CG/JU
 Sample : N3792-13MSD
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 01 00:45:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 30 00:20:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	306911	20.000	ng/u1	0.00
20) Naphthalene-d8	10.680	136	1237800	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.510	164	684789	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.251	188	1348547	20.000	ng/u1	0.00
79) Chrysene-d12	21.433	240	1323390	20.000	ng/u1	0.00
88) Perylene-d12	23.797	264	1358679	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	44379	5.441	ng/uL	0.00
4) Pyridine-d5	3.693	84	259433	11.611	ng/u1	0.00
7) Phenol-d5	7.040	99	201061	7.812	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.204	67	604250	35.218	ng/u1	0.00
11) 2-Chlorophenol-d4	7.404	132	622027	29.117	ng/u1	0.00
15) 4-Methylphenol-d8	8.586	113	358208	17.180	ng/u1	0.00
21) Nitrobenzene-d5	9.039	128	396234	40.397	ng/u1	0.00
24) 2-Nitrophenol-d4	9.763	143	379725	39.736	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.298	165	624866	36.154	ng/u1	0.00
31) 4-Chloroaniline-d4	10.822	131	855216	29.229	ng/u1	0.00
46) Dimethylphthalate-d6	13.927	166	2038495	43.701	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	2505478	42.098	ng/u1	0.00
54) 4-Nitrophenol-d4	14.710	143	78580	8.204	ng/u1	0.00
60) Fluorene-d10	15.498	176	1773578	42.076	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.621	200	298186	41.136	ng/u1	0.00
73) Anthracene-d10	17.351	188	2721017	44.630	ng/u1	0.00
81) Pyrene-d10	19.639	212	3193947	43.547	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.644	264	3172583	45.994	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.304	88	43906	5.195	ng/uL	91
5) Pyridine	3.716	79	277616	11.840	ng/u1	86
6) Benzaldehyde	7.010	77	637046	58.974	ng/u1	94
8) Phenol	7.063	94	216467	7.685	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.298	93	782476	34.556	ng/u1	96
12) 2-Chlorophenol	7.434	128	612578	27.952	ng/u1	99
13) 2-Methylphenol	8.322	108	421381	20.026	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.410	45	983631	32.910	ng/u1	97
16) Acetophenone	8.704	105	1134335	33.885	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.692	70	558790	33.473	ng/u1	94
18) 4-Methylphenol	8.651	108	379710	16.822	ng/u1	98
19) Hexachloroethane	8.951	117	241910	26.754	ng/u1	92
22) Nitrobenzene	9.081	77	834960	37.200	ng/u1	99
23) Isophorone	9.610	82	1504256	35.503	ng/u1	98
25) 2-Nitrophenol	9.792	139	395813	37.335	ng/u1	98
26) 2,4-Dimethylphenol	9.857	107	548431	25.316	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.098	93	978328	36.611	ng/u1	100
29) 2,4-Dichlorophenol	10.328	162	610317	34.022	ng/u1	99
30) Naphthalene	10.728	128	2189442	33.511	ng/u1	100
32) 4-Chloroaniline	10.845	127	827726	28.479	ng/u1	98
33) Hexachlorobutadiene	11.010	225	337814	30.504	ng/u1	99
34) Caprolactam	11.633	113	27123	4.575	ng/u1	93
35) 4-Chloro-3-methylphenol	11.963	107	555269	29.768	ng/u1	97
36) 2-Methylnaphthalene	12.339	142	1461405	34.189	ng/u1	100

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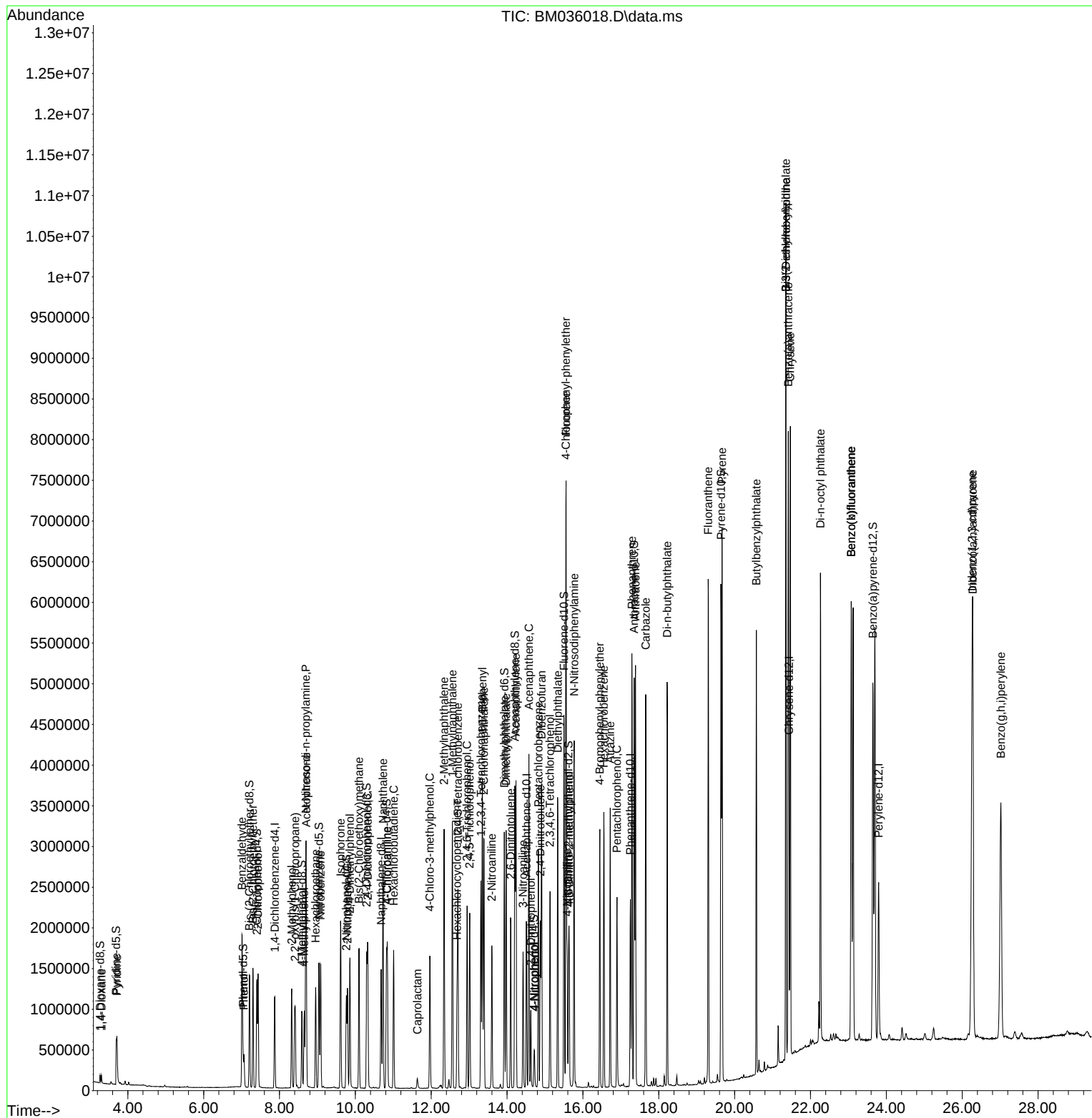
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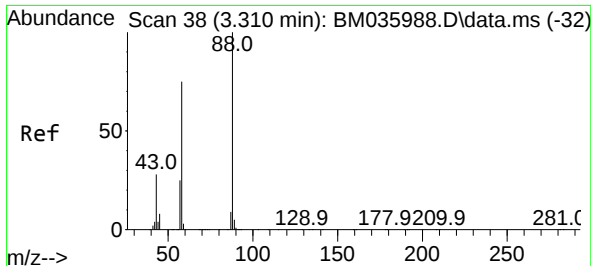
Quant Time: Aug 01 00:45:37 2022
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.557	142	1477451	34.291	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.704	216	697896	35.802	ng/ul	99
40) Hexachlorocyclopentadiene	12.680	237	283409	21.830	ng/ul	97
41) 2,4,6-Trichlorophenol	12.945	196	489048	39.204	ng/ul	99
42) 2,4,5-Trichlorophenol	13.016	196	525089	39.449	ng/ul	100
43) 1,1'-Biphenyl	13.351	154	1969230	37.361	ng/ul	99
44) 2-Chloronaphthalene	13.392	162	1506880	37.252	ng/ul	98
45) 2-Nitroaniline	13.598	65	444152	39.827	ng/ul	97
47) Dimethylphthalate	13.974	163	1937876	41.302	ng/ul	99
48) 2,6-Dinitrotoluene	14.098	165	402264	43.183	ng/ul	96
50) Acenaphthylene	14.233	152	2521696	38.302	ng/ul	100
51) 3-Nitroaniline	14.421	138	409628	39.789	ng/ul	99
52) Acenaphthene	14.574	153	1621173	37.956	ng/ul	99
53) 2,4-Dinitrophenol	14.627	184	183895	34.769	ng/ul	96
55) 4-Nitrophenol	14.727	109	58684	8.010	ng/ul	88
56) Dibenzofuran	14.910	168	2312273	39.126	ng/ul	99
57) 2,4-Dinitrotoluene	14.880	165	569920	43.402	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.133	232	439179	41.995	ng/ul	96
59) Diethylphthalate	15.333	149	2025476	42.678	ng/ul	99
61) Fluorene	15.557	166	1914408	39.655	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.551	204	917779	39.678	ng/ul	98
63) 4-Nitroaniline	15.586	138	442416	46.679	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.639	198	283550	39.091	ng/ul	99
67) N-Nitrosodiphenylamine	15.768	169	1556952	39.272	ng/ul	99
68) 4-Bromophenyl-phenylether	16.445	248	563008	42.586	ng/ul	99
69) Hexachlorobenzene	16.551	284	683737	42.446	ng/ul	98
70) Atrazine	16.721	200	574471	41.777	ng/ul	99
71) Pentachlorophenol	16.898	266	383481	38.968	ng/ul	99
72) Phenanthrene	17.292	178	3060001	42.336	ng/ul	98
74) Anthracene	17.386	178	3056918	42.149	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.310	216	725057	34.574	ng/ul	99
76) Pentachlorobenzene	14.827	250	753009	39.612	ng/ul	99
77) Carbazole	17.656	167	2885161	43.071	ng/ul	99
78) Di-n-butylphthalate	18.221	149	3596659	47.589	ng/ul	99
80) Fluoranthene	19.303	202	3616476	41.269	ng/ul	99
82) Pyrene	19.668	202	3733729	41.337	ng/ul	98
83) Butylbenzylphthalate	20.574	149	1556188	47.371	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.350	252	1012432	41.457	ng/ul	97
85) Benzo(a)anthracene	21.415	228	3660775	43.949	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.350	149	2365574	49.836	ng/ul	99
87) Chrysene	21.468	228	3570554	43.933	ng/ul	99
89) Di-n-octyl phthalate	22.262	149	3900734	44.458	ng/ul	100
90) Benzo(b)fluoranthene	23.074	252	3978399	43.875	ng/ul	97
91) Benzo(k)fluoranthene	23.074	252	3978399	46.236	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.262	276	4374632	47.520	ng/ul	93
95) Dibenzo(a,h)anthracene	26.279	278	3741829	47.376	ng/ul	96
96) Benzo(g,h,i)perylene	27.021	276	3702314	48.531	ng/ul	95

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

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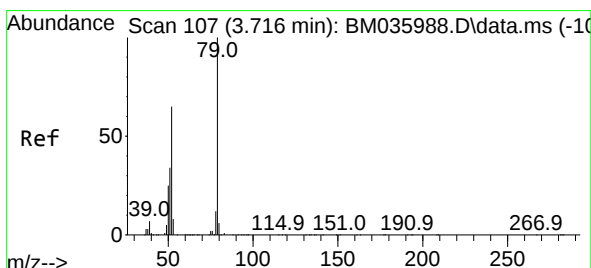
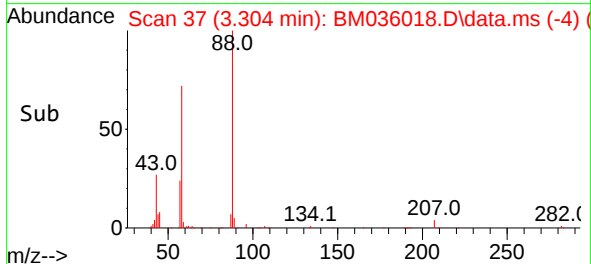
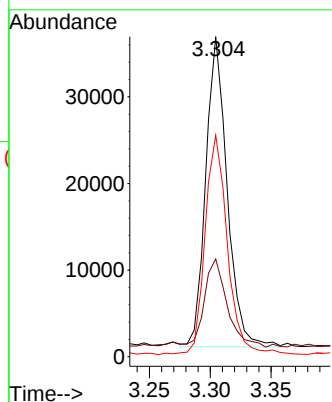
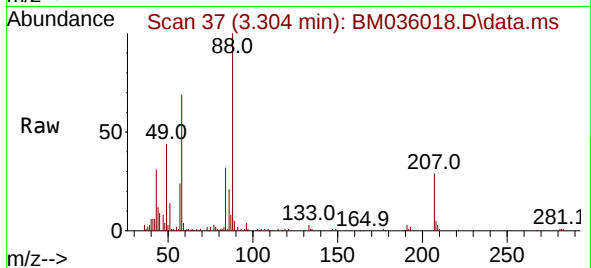




#2
1,4-Dioxane
Concen: 5.195 ng/uL
RT: 3.304 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM036018.D
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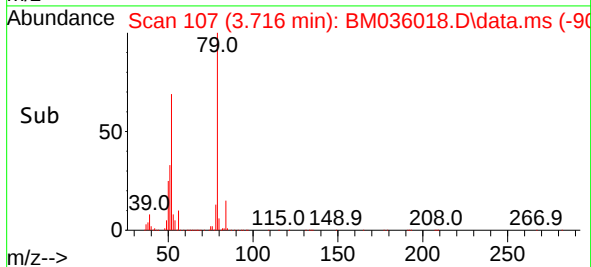
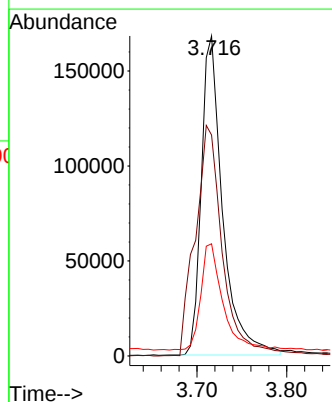
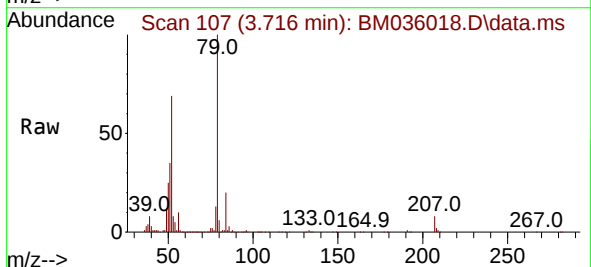
Instrument :
BNA_M
ClientSampleId :

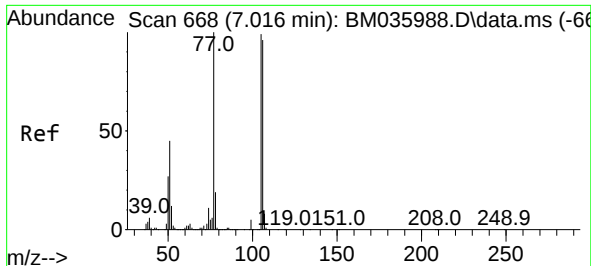
Tgt Ion: 88 Resp: 43906
Ion Ratio Lower Upper
88 100
43 30.6 27.8 41.8
58 69.1 61.8 92.8



#5
Pyridine
Concen: 11.840 ng/uL
RT: 3.716 min Scan# 107
Delta R.T. -0.000 min
Lab File: BM036018.D
Acq: 30 Jul 2022 07:13

Tgt Ion: 79 Resp: 277616
Ion Ratio Lower Upper
79 100
52 69.1 67.8 101.6
51 35.1 31.4 47.0

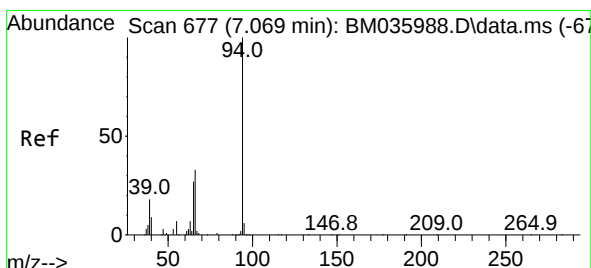
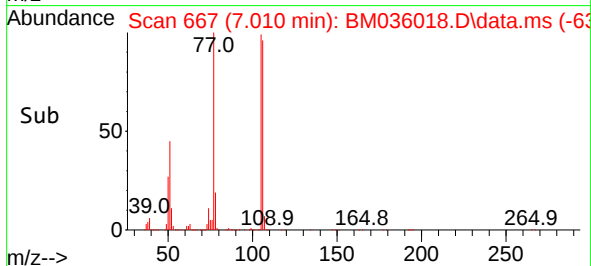
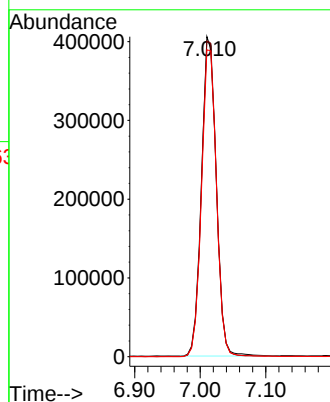
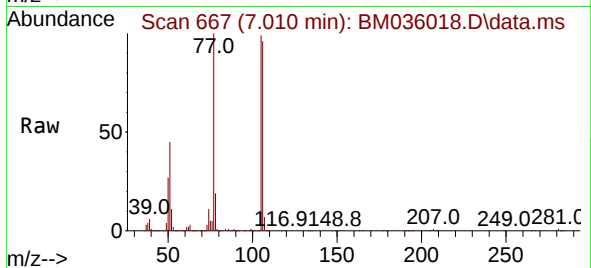




#6
Benzaldehyde
Concen: 58.974 ng/ul
RT: 7.010 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM036018.D
Acq: 30 Jul 2022 07:13

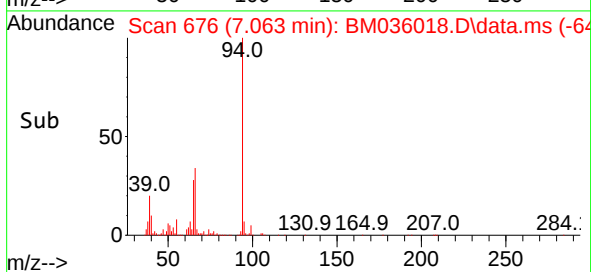
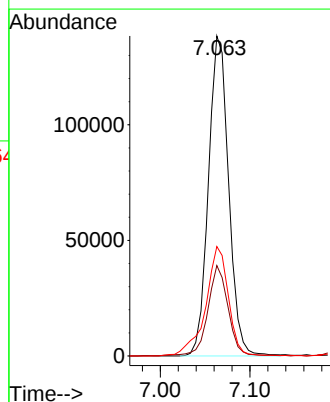
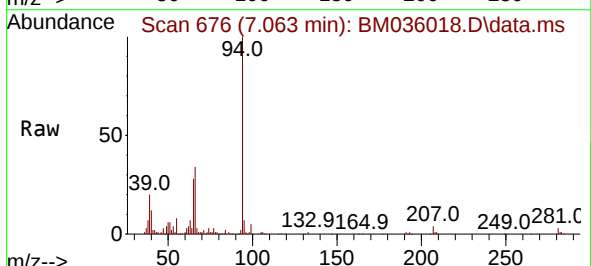
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ClientSampleId :

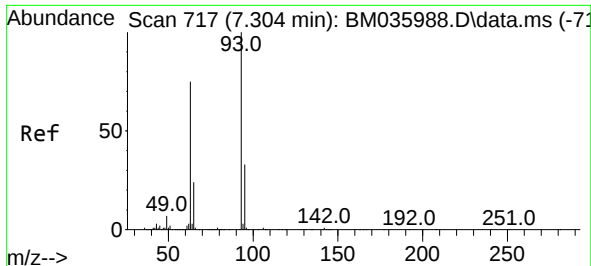
Tgt Ion: 77 Resp: 637046
Ion Ratio Lower Upper
77 100
105 98.6 84.6 127.0
106 95.9 80.3 120.5



#8
Phenol
Concen: 7.685 ng/ul
RT: 7.063 min Scan# 676
Delta R.T. -0.006 min
Lab File: BM036018.D
Acq: 30 Jul 2022 07:13

Tgt Ion: 94 Resp: 216467
Ion Ratio Lower Upper
94 100
65 28.2 21.3 31.9
66 34.2 27.4 41.0

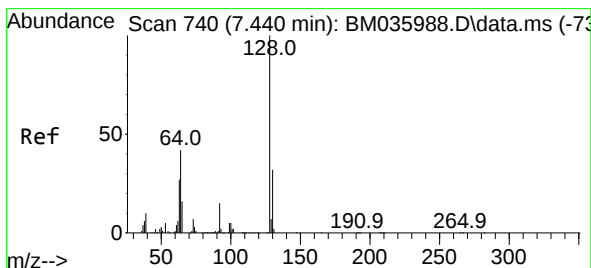
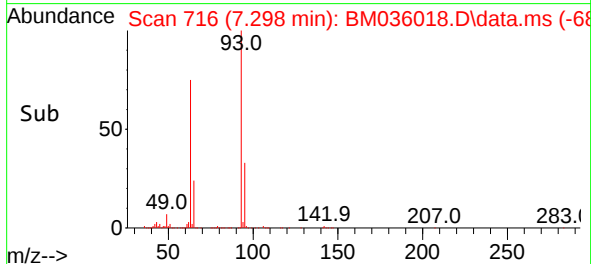
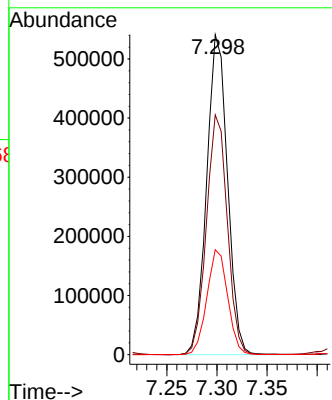
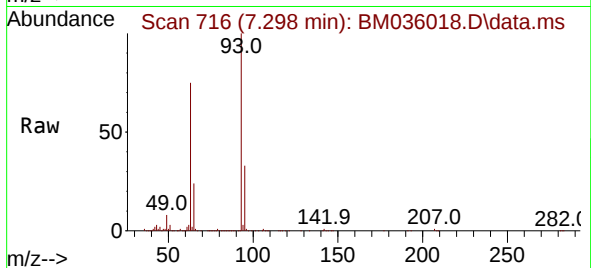




#10
Bis(2-Chloroethyl)ether
Concen: 34.556 ng/ul
RT: 7.298 min Scan# 716
Delta R.T. -0.006 min
Lab File: BM036018.D
Acq: 30 Jul 2022 07:13

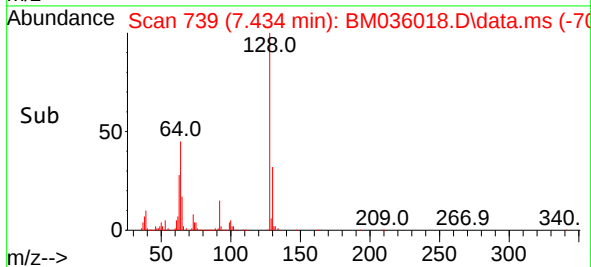
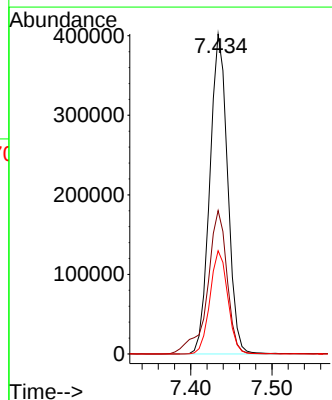
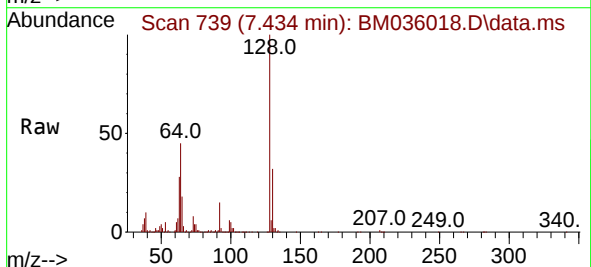
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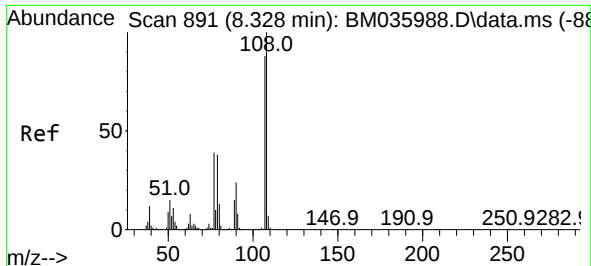
Tgt Ion: 93 Resp: 782476
Ion Ratio Lower Upper
93 100
63 75.0 64.0 96.0
95 32.8 25.8 38.6



#12
2-Chlorophenol
Concen: 27.952 ng/ul
RT: 7.434 min Scan# 739
Delta R.T. -0.006 min
Lab File: BM036018.D
Acq: 30 Jul 2022 07:13

Tgt Ion:128 Resp: 612578
Ion Ratio Lower Upper
128 100
64 44.8 36.9 55.3
130 32.2 25.6 38.4

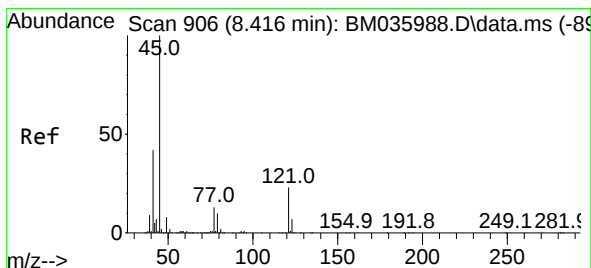
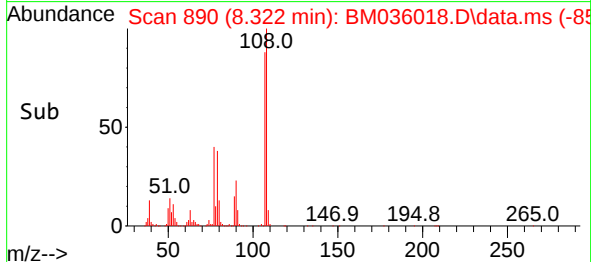
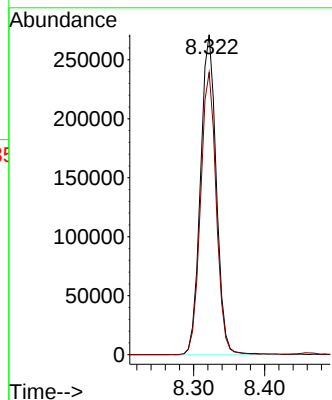
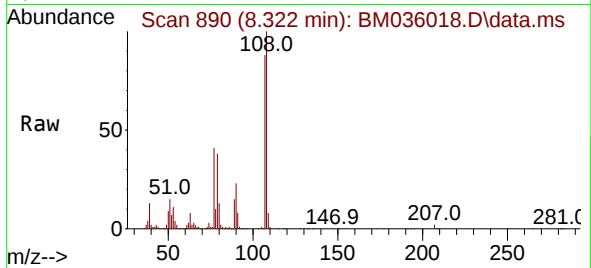




#13
2-Methylphenol
Concen: 20.026 ng/ul
RT: 8.322 min Scan# 891
Delta R.T. -0.006 min
Lab File: BM036018.D
Acq: 30 Jul 2022 07:13

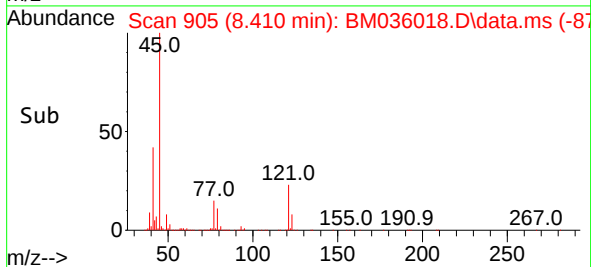
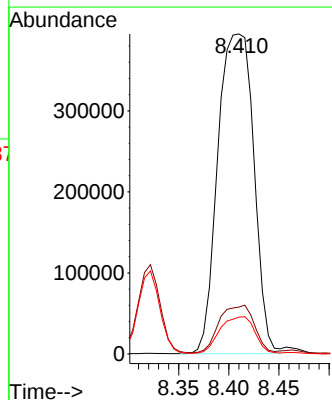
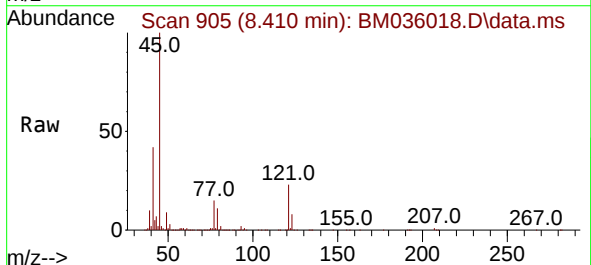
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ClientSampleId :

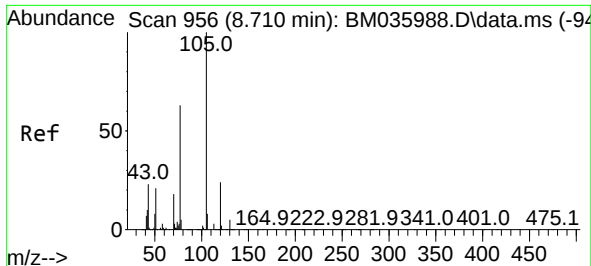
Tgt Ion:108 Resp: 421381
Ion Ratio Lower Upper
108 100
107 88.2 75.0 112.4



#14
2,2'-oxybis(1-Chloropropane)
Concen: 32.910 ng/ul
RT: 8.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BM036018.D
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Tgt Ion: 45 Resp: 983631
Ion Ratio Lower Upper
45 100
77 14.6 10.6 15.8
79 11.5 8.3 12.5

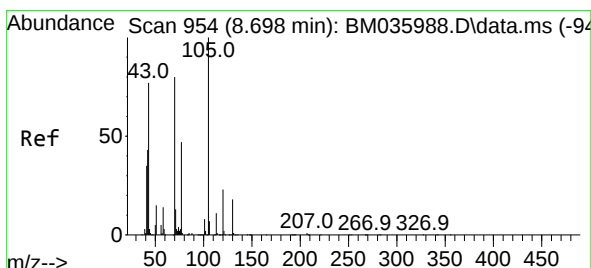
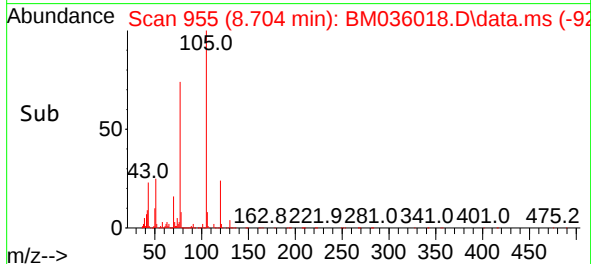
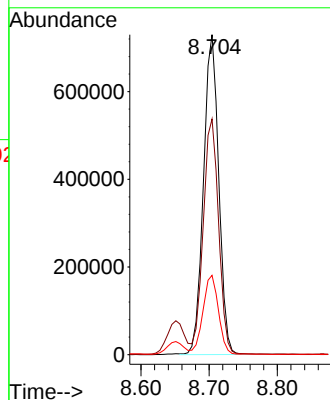
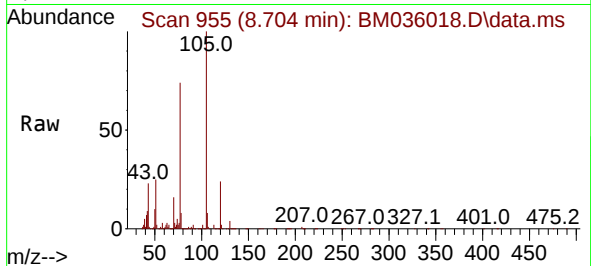




#16
Acetophenone
Concen: 33.885 ng/ul
RT: 8.704 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM036018.D
Acq: 30 Jul 2022 07:13

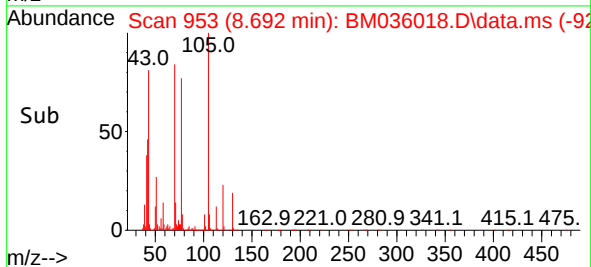
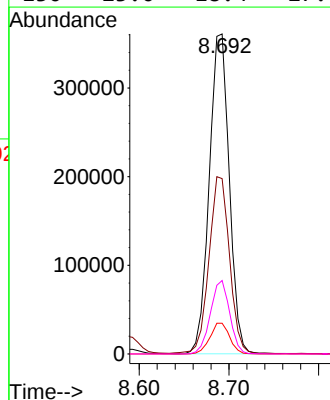
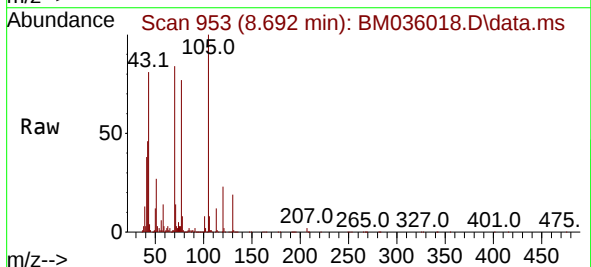
Instrument :
BNA_M
ClientSampleId :

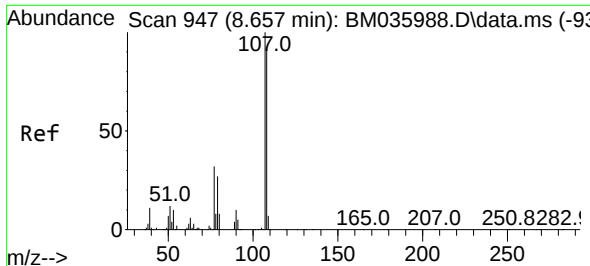
Tgt Ion:105 Resp: 1134335
Ion Ratio Lower Upper
105 100
77 73.7 59.8 89.6
51 24.8 22.1 33.1



#17
N-Nitroso-di-n-propylamine
Concen: 33.473 ng/ul
RT: 8.692 min Scan# 953
Delta R.T. -0.006 min
Lab File: BM036018.D
Acq: 30 Jul 2022 07:13

Tgt Ion: 70 Resp: 558790
Ion Ratio Lower Upper
70 100
42 54.8 49.6 74.4
101 9.6 8.1 12.1
130 23.0 18.4 27.6

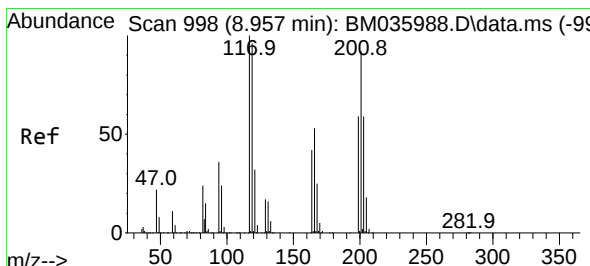
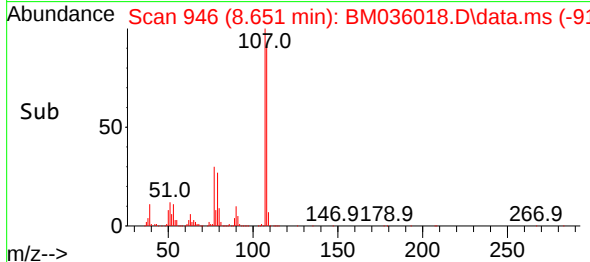
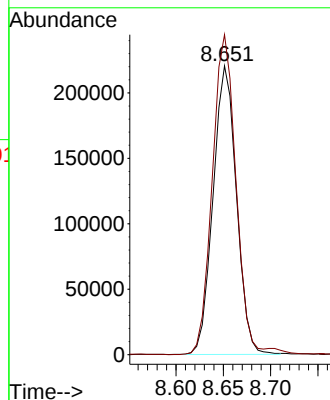
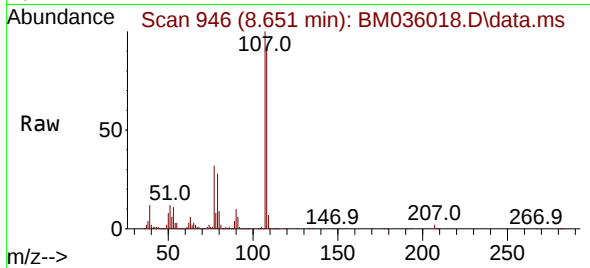




#18
4-Methylphenol
Concen: 16.822 ng/ul
RT: 8.651 min Scan# 946
Delta R.T. -0.006 min
Lab File: BM036018.D
Acq: 30 Jul 2022 07:13

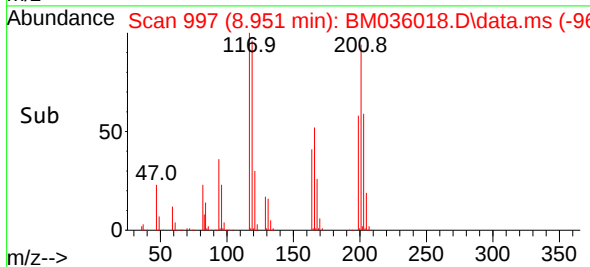
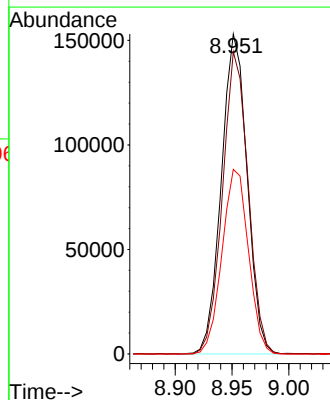
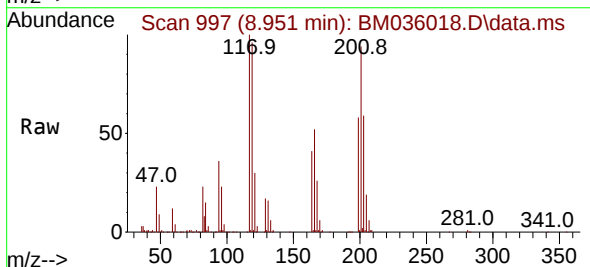
Instrument :
BNA_M
ClientSampleId :

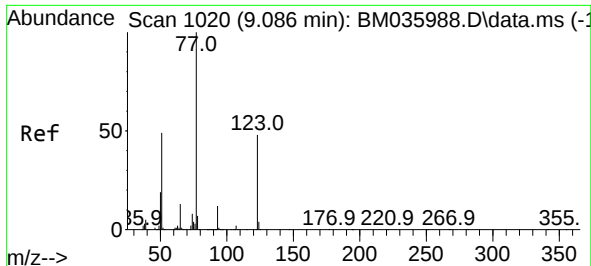
Tgt Ion:108 Resp: 379710
Ion Ratio Lower Upper
108 100
107 110.8 90.3 135.5



#19
Hexachloroethane
Concen: 26.754 ng/ul
RT: 8.951 min Scan# 997
Delta R.T. -0.006 min
Lab File: BM036018.D
Acq: 30 Jul 2022 07:13

Tgt Ion:117 Resp: 241910
Ion Ratio Lower Upper
117 100
201 94.4 81.8 122.6
199 57.7 51.6 77.4

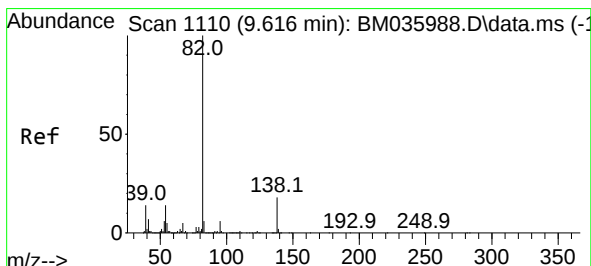
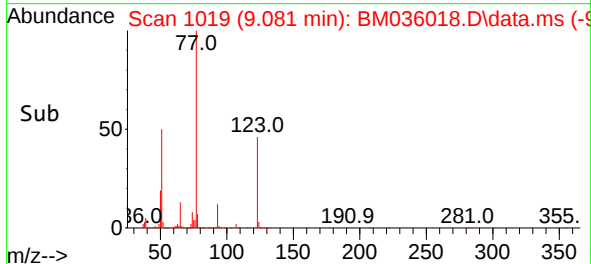
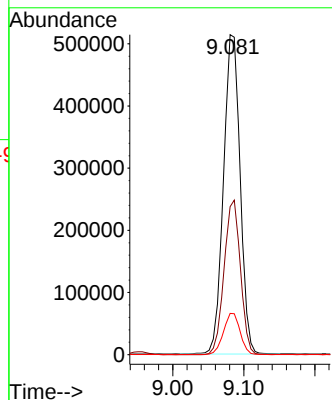
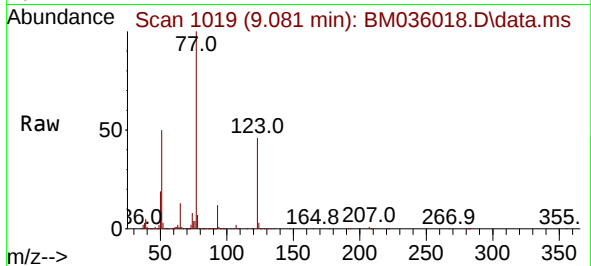




#22
Nitrobenzene
Concen: 37.200 ng/ul
RT: 9.081 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BM036018.D
Acq: 30 Jul 2022 07:13

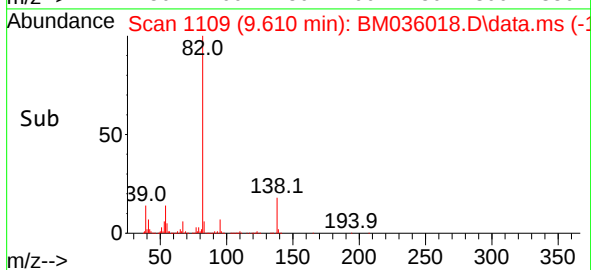
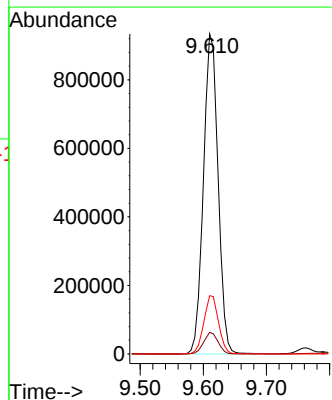
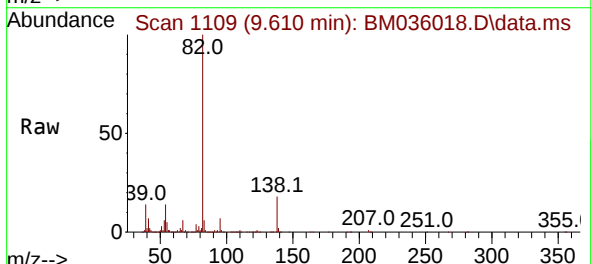
Instrument :
BNA_M
ClientSampleId :

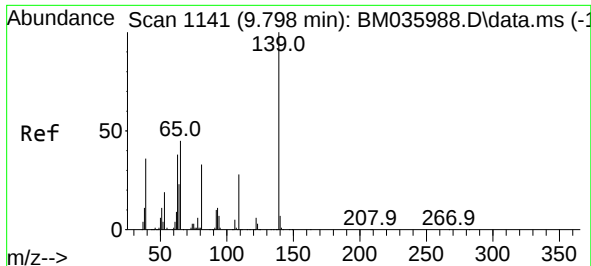
Tgt Ion: 77 Resp: 834960
Ion Ratio Lower Upper
77 100
123 46.2 37.4 56.0
65 12.9 10.8 16.2



#23
Isophorone
Concen: 35.503 ng/ul
RT: 9.610 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BM036018.D
Acq: 30 Jul 2022 07:13

Tgt Ion: 82 Resp: 1504256
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 18.2 15.3 22.9

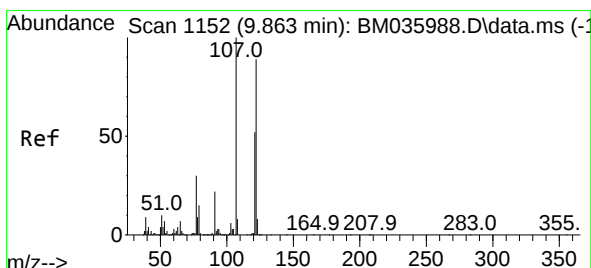
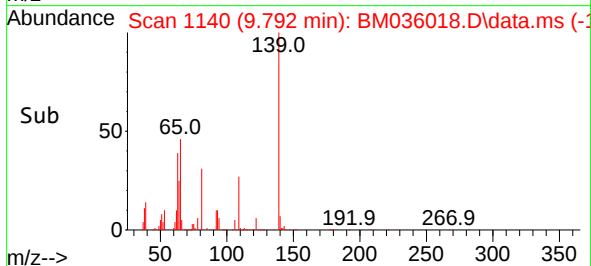
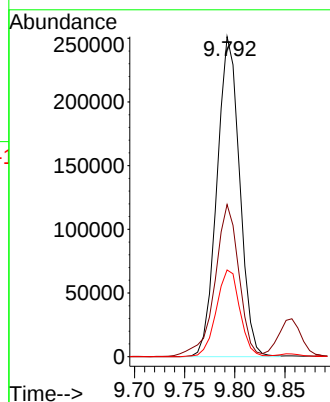
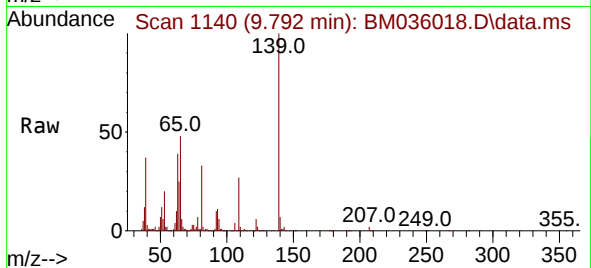




#25
2-Nitrophenol
Concen: 37.335 ng/ul
RT: 9.792 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BM036018.D
Acq: 30 Jul 2022 07:13

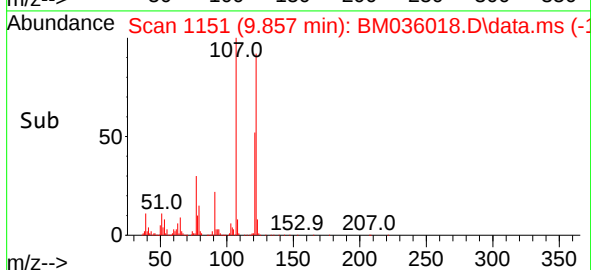
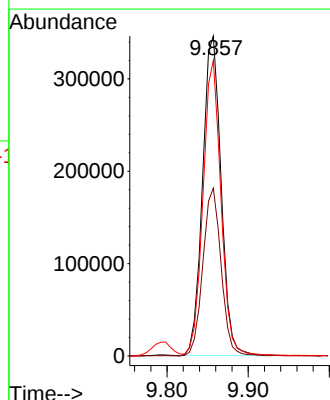
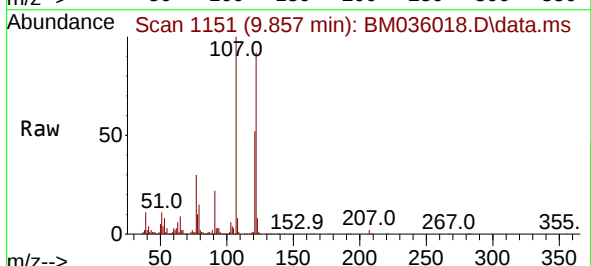
Instrument :
BNA_M
ClientSampleId :

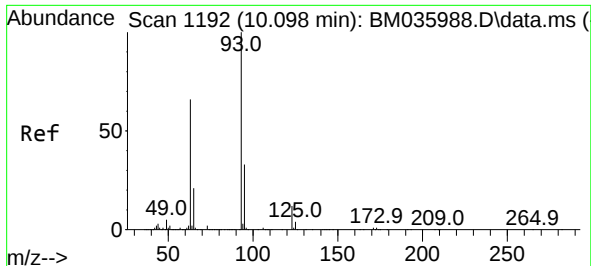
Tgt Ion:139 Resp: 395813
Ion Ratio Lower Upper
139 100
65 47.6 39.8 59.6
109 27.1 22.2 33.4



#26
2,4-Dimethylphenol
Concen: 25.316 ng/ul
RT: 9.857 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BM036018.D
Acq: 30 Jul 2022 07:13

Tgt Ion:107 Resp: 548431
Ion Ratio Lower Upper
107 100
121 52.5 42.7 64.1
122 92.4 71.5 107.3





#27

Bis(2-Chloroethoxy)methane

Concen: 36.611 ng/ul

RT: 10.098 min Scan# 1192

Delta R.T. -0.000 min

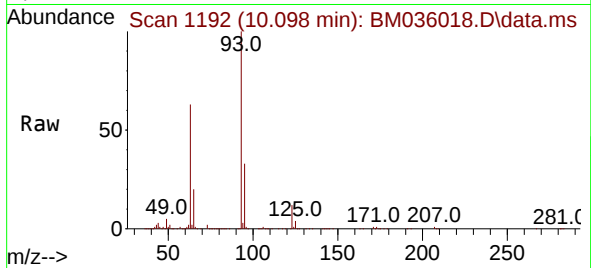
Lab File: BM036018.D

Acq: 30 Jul 2022 07:13

Instrument :

BNA_M

ClientSampleId :



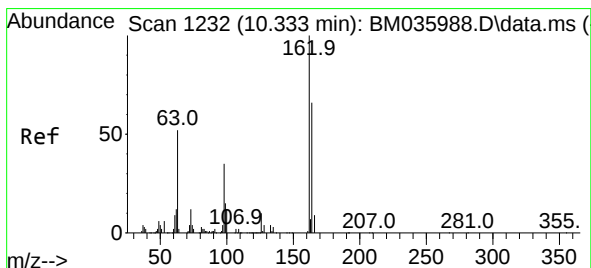
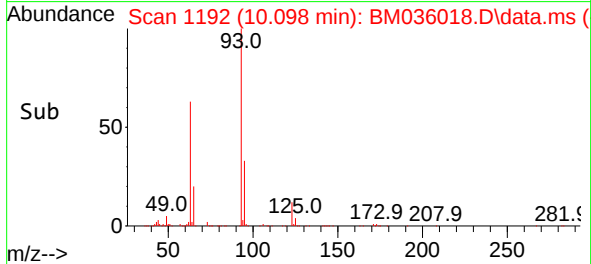
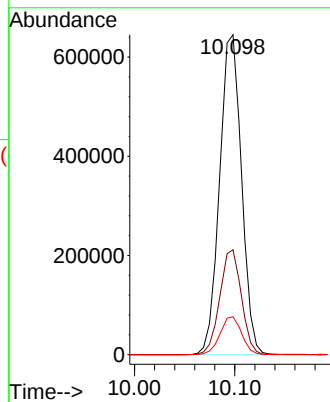
Tgt Ion: 93 Resp: 978328

Ion Ratio Lower Upper

93 100

95 32.8 26.1 39.1

123 11.9 9.4 14.0



#29

2,4-Dichlorophenol

Concen: 34.022 ng/ul

RT: 10.328 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BM036018.D

Acq: 30 Jul 2022 07:13

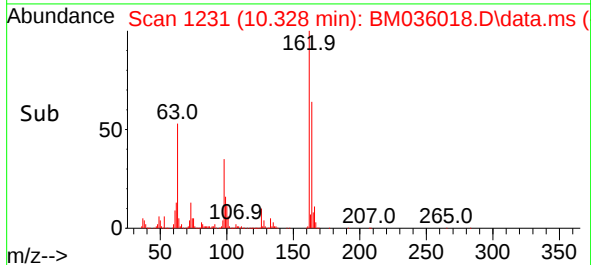
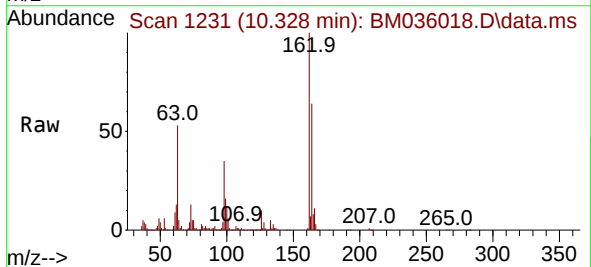
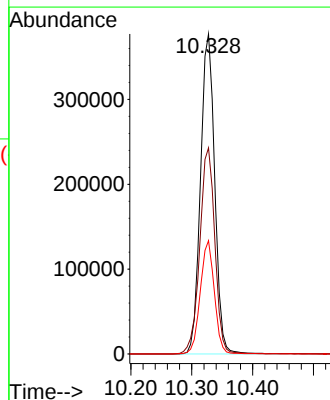
Tgt Ion:162 Resp: 610317

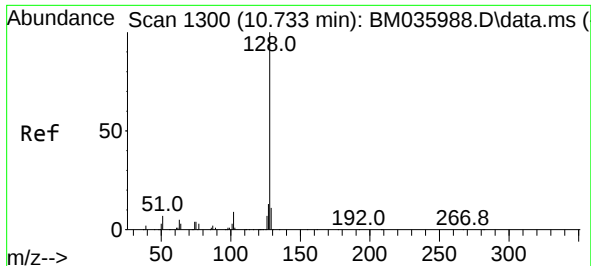
Ion Ratio Lower Upper

162 100

164 64.4 51.8 77.6

98 35.4 29.5 44.3

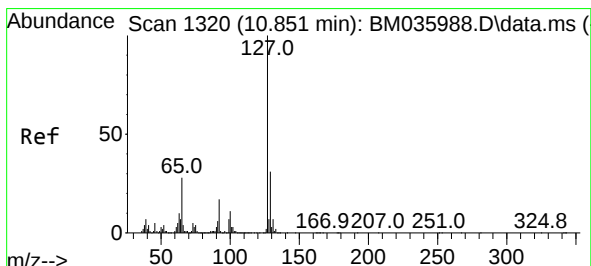
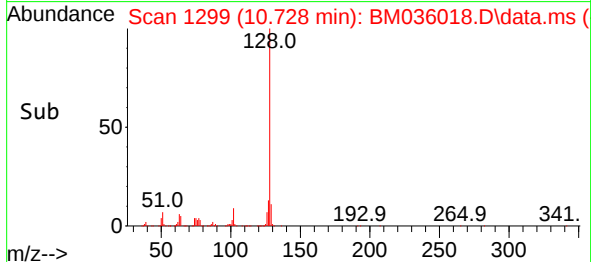
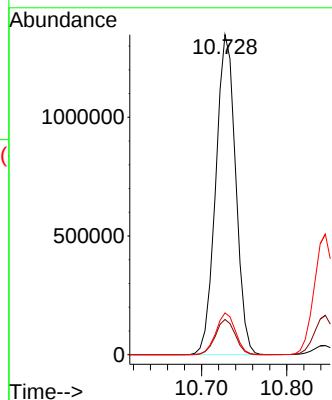
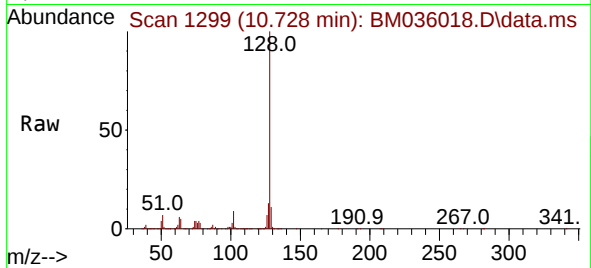




#30
Naphthalene
Concen: 33.511 ng/ul
RT: 10.728 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BM036018.D
Acq: 30 Jul 2022 07:13

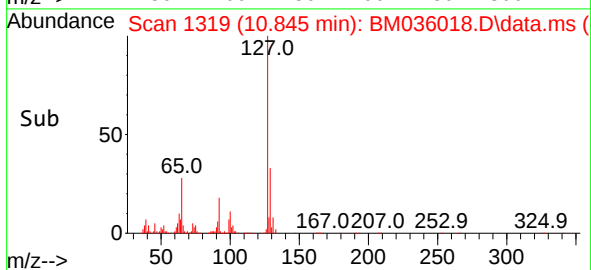
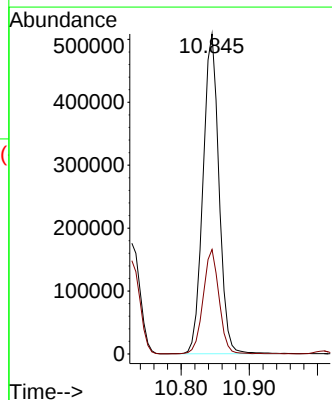
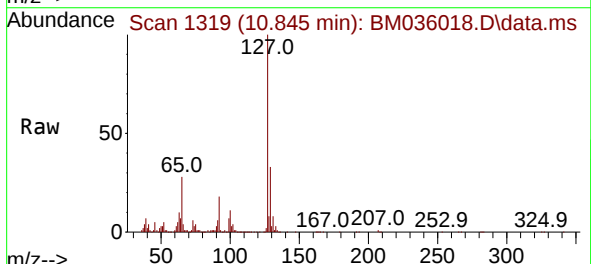
Instrument :
BNA_M
ClientSampleId :

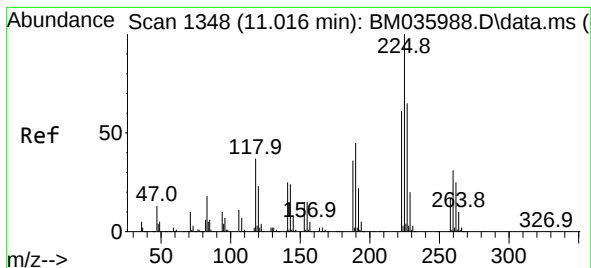
Tgt Ion:128 Resp: 2189442
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.1 10.6 16.0



#32
4-Chloroaniline
Concen: 28.479 ng/ul
RT: 10.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BM036018.D
Acq: 30 Jul 2022 07:13

Tgt Ion:127 Resp: 827726
Ion Ratio Lower Upper
127 100
129 32.7 25.3 37.9





#33

Hexachlorobutadiene

Concen: 30.504 ng/ul

RT: 11.010 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM036018.D

Acq: 30 Jul 2022 07:13

Instrument :

BNA_M

ClientSampleId :

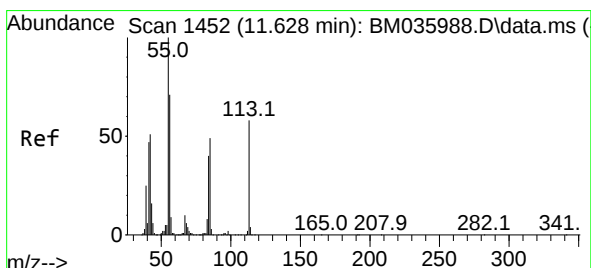
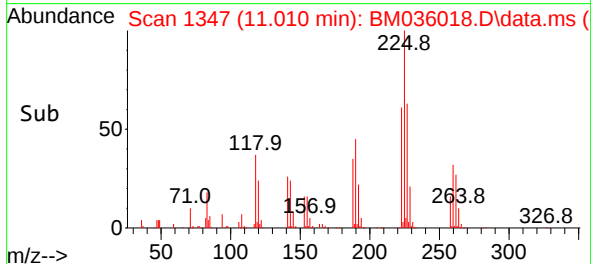
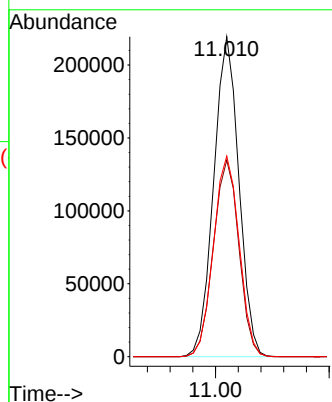
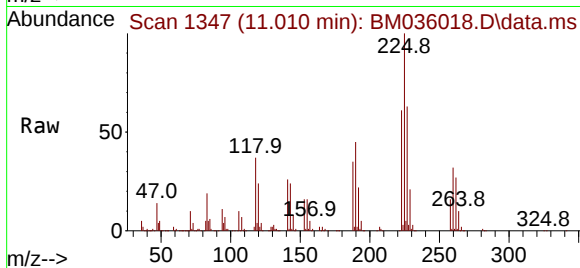
Tgt Ion:225 Resp: 337814

Ion Ratio Lower Upper

225 100

223 61.4 50.0 75.0

227 62.7 49.9 74.9



#34

Caprolactam

Concen: 4.575 ng/ul

RT: 11.633 min Scan# 1453

Delta R.T. 0.006 min

Lab File: BM036018.D

Acq: 30 Jul 2022 07:13

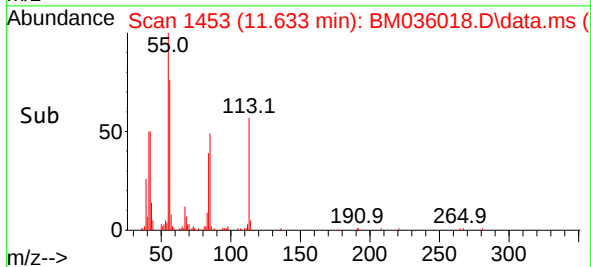
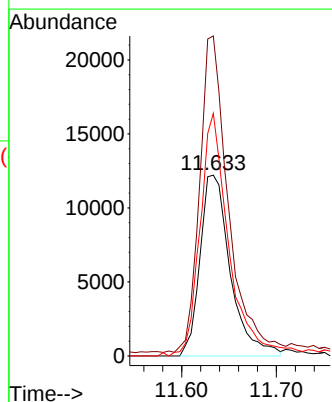
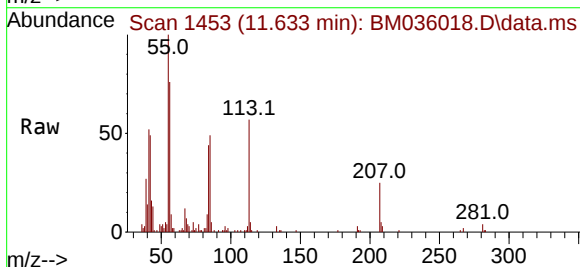
Tgt Ion:113 Resp: 27123

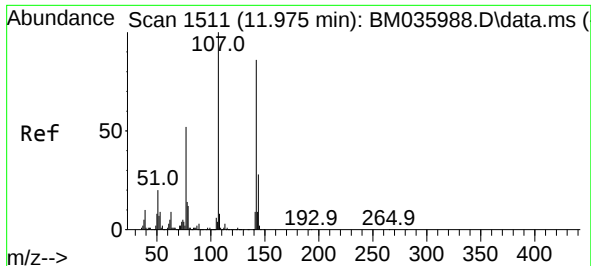
Ion Ratio Lower Upper

113 100

55 176.9 150.2 225.4

56 134.1 102.1 153.1

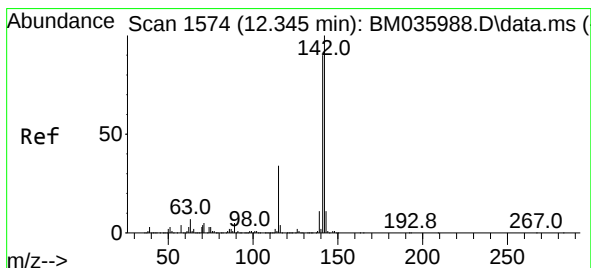
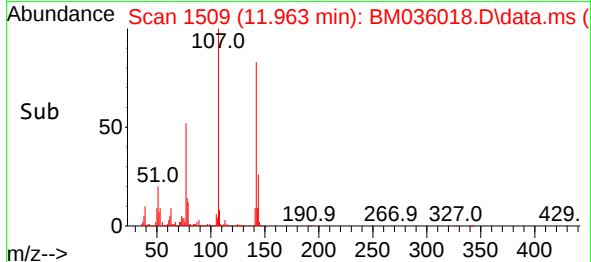
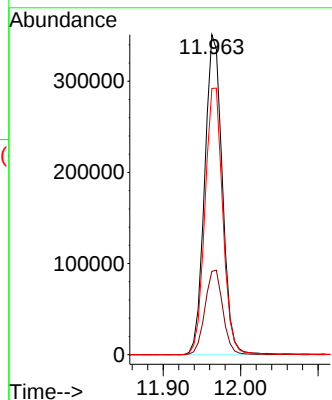
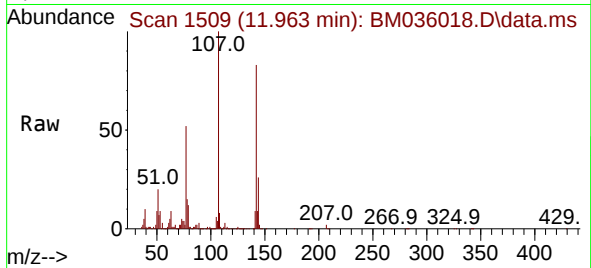




#35
4-Chloro-3-methylphenol
Concen: 29.768 ng/ul
RT: 11.963 min Scan# 1509
Delta R.T. -0.012 min
Lab File: BM036018.D
Acq: 30 Jul 2022 07:13

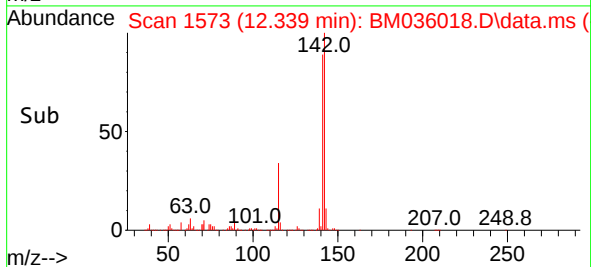
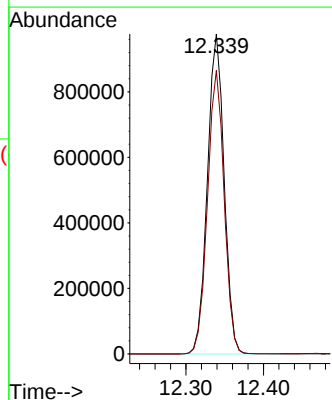
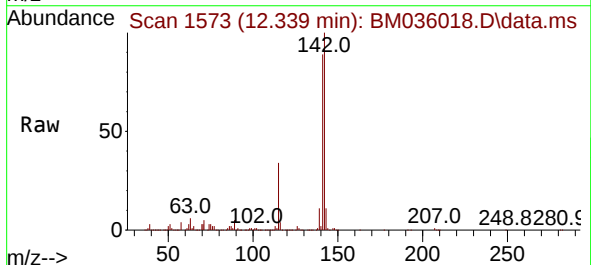
Instrument :
BNA_M
ClientSampleId :

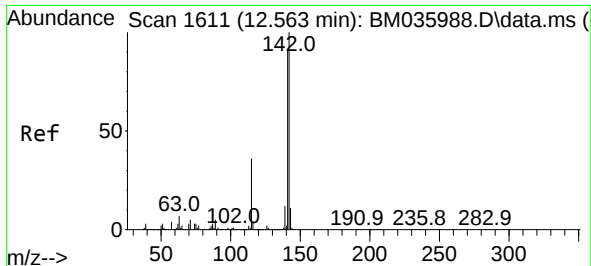
Tgt Ion:107 Resp: 555269
Ion Ratio Lower Upper
107 100
144 26.0 20.3 30.5
142 83.2 64.4 96.6



#36
2-Methylnaphthalene
Concen: 34.189 ng/ul
RT: 12.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BM036018.D
Acq: 30 Jul 2022 07:13

Tgt Ion:142 Resp: 1461405
Ion Ratio Lower Upper
142 100
141 88.6 70.7 106.1





#37

1-Methylnaphthalene

Concen: 34.291 ng/ul

RT: 12.557 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM036018.D

Acq: 30 Jul 2022 07:13

Instrument :

BNA_M

ClientSampleId :

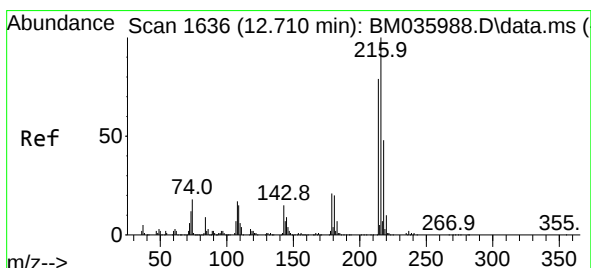
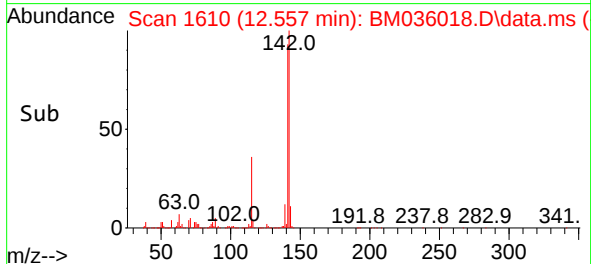
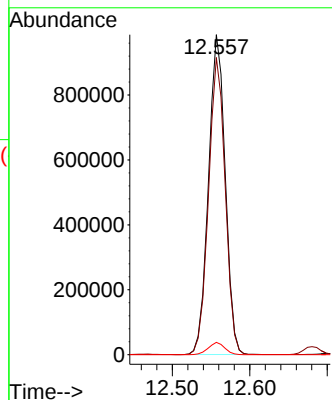
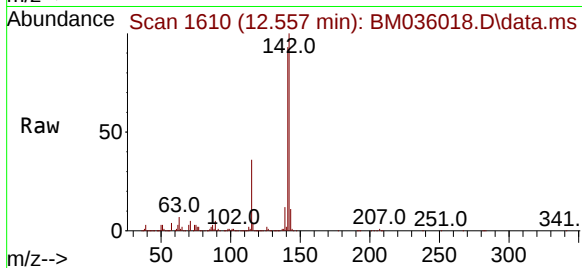
Tgt Ion:142 Resp: 1477451

Ion Ratio Lower Upper

142 100

141 92.9 75.2 112.8

116 3.9 2.6 3.8#



#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.802 ng/ul

RT: 12.704 min Scan# 1635

Delta R.T. -0.006 min

Lab File: BM036018.D

Acq: 30 Jul 2022 07:13

Tgt Ion:216 Resp: 697896

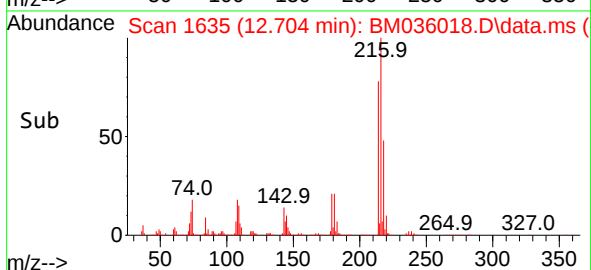
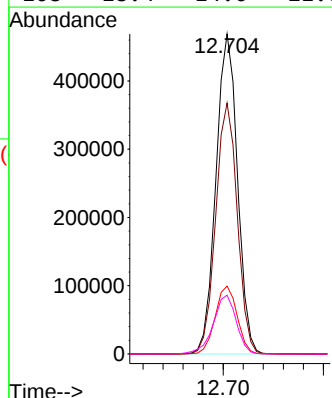
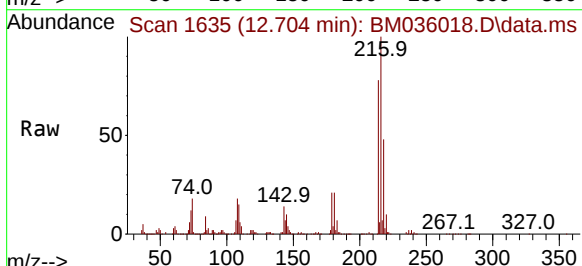
Ion Ratio Lower Upper

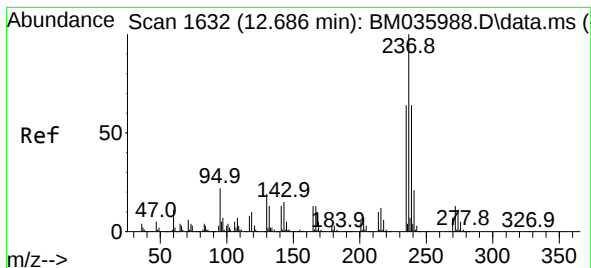
216 100

214 78.4 62.4 93.6

179 21.2 17.3 25.9

108 18.4 14.0 21.0





#40

Hexachlorocyclopentadiene

Concen: 21.830 ng/ul

RT: 12.680 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM036018.D

Acq: 30 Jul 2022 07:13

Instrument :

BNA_M

ClientSampleId :

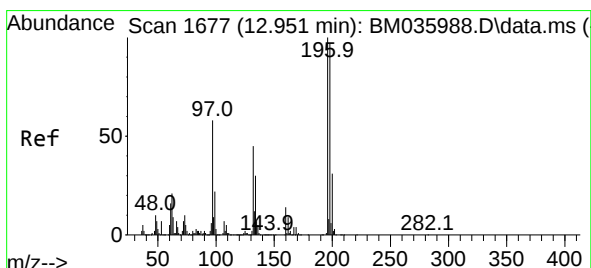
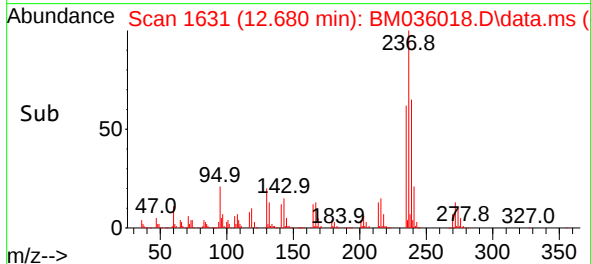
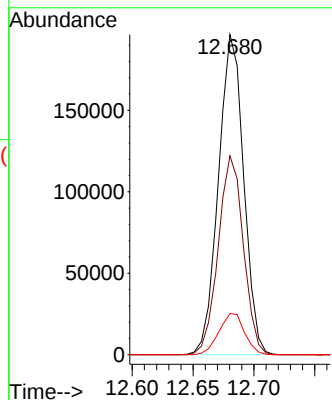
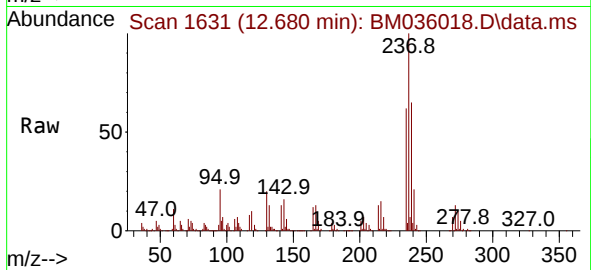
Tgt Ion:237 Resp: 283409

Ion Ratio Lower Upper

237 100

235 62.2 48.4 72.6

272 12.9 11.6 17.4



#41

2,4,6-Trichlorophenol

Concen: 39.204 ng/ul

RT: 12.945 min Scan# 1676

Delta R.T. -0.006 min

Lab File: BM036018.D

Acq: 30 Jul 2022 07:13

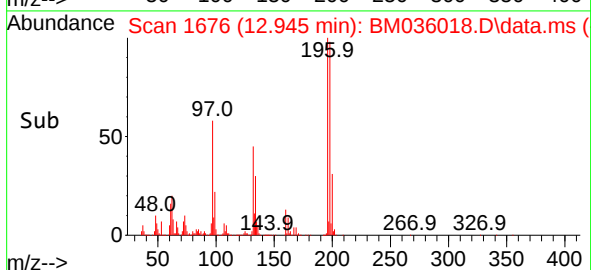
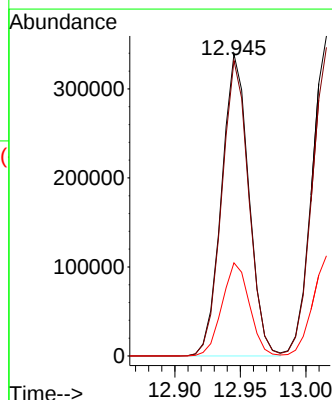
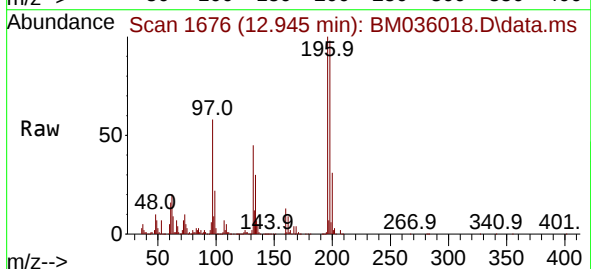
Tgt Ion:196 Resp: 489048

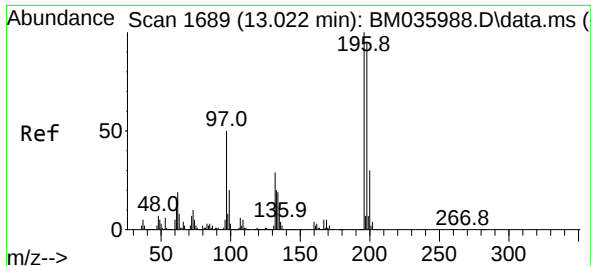
Ion Ratio Lower Upper

196 100

198 97.8 77.8 116.6

200 30.8 25.0 37.6

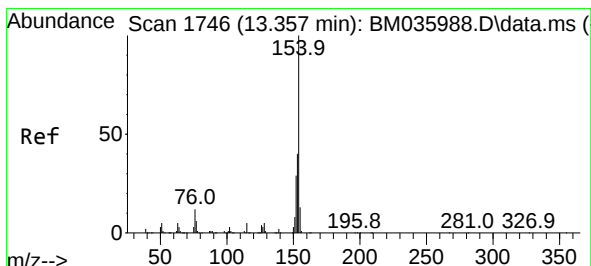
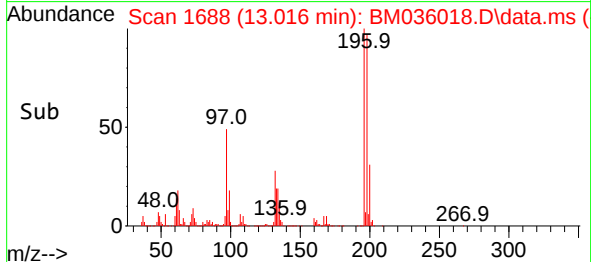
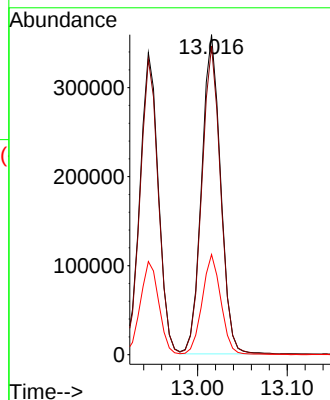
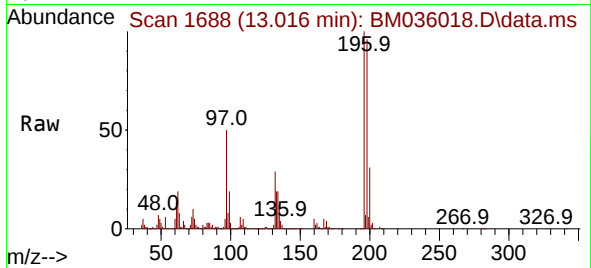




#42
2,4,5-Trichlorophenol
Concen: 39.449 ng/ul
RT: 13.016 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM036018.D
Acq: 30 Jul 2022 07:13

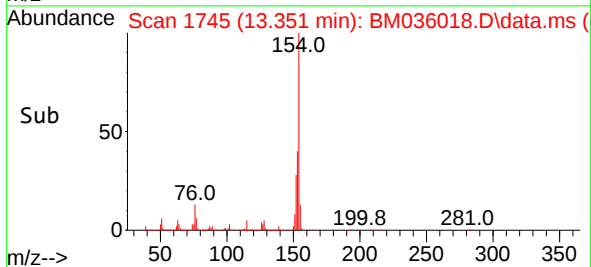
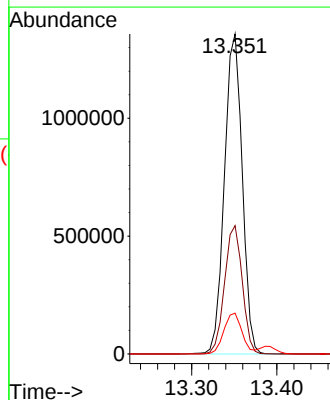
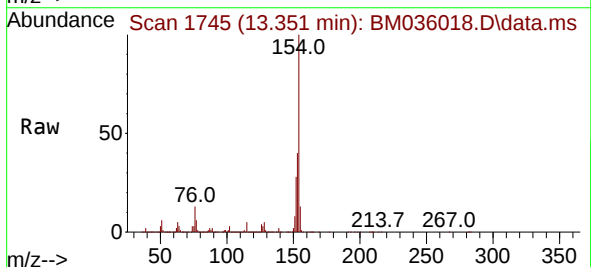
Instrument :
BNA_M
ClientSampleId :

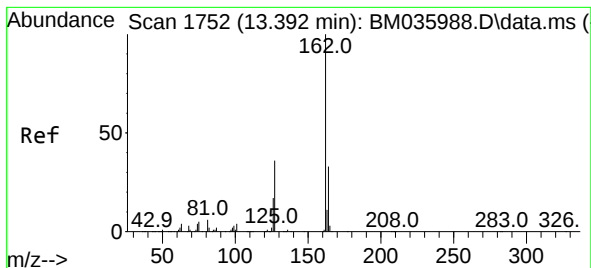
Tgt Ion:196 Resp: 525089
Ion Ratio Lower Upper
196 100
198 96.5 76.8 115.2
200 31.3 24.9 37.3



#43
1,1'-Biphenyl
Concen: 37.361 ng/ul
RT: 13.351 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BM036018.D
Acq: 30 Jul 2022 07:13

Tgt Ion:154 Resp: 1969230
Ion Ratio Lower Upper
154 100
153 40.1 32.4 48.6
76 12.7 10.1 15.1





#44

2-Chloronaphthalene

Concen: 37.252 ng/ul

RT: 13.392 min Scan# 1

Delta R.T. -0.000 min

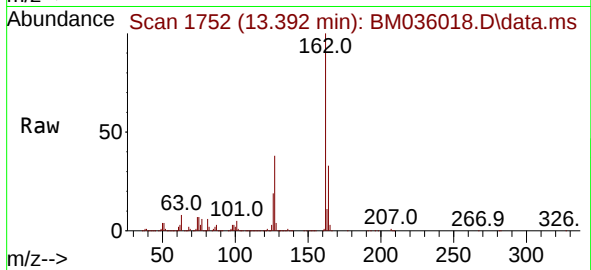
Lab File: BM036018.D

Acq: 30 Jul 2022 07:13

Instrument :

BNA_M

ClientSampleId :



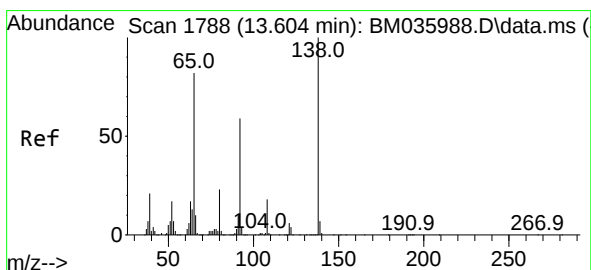
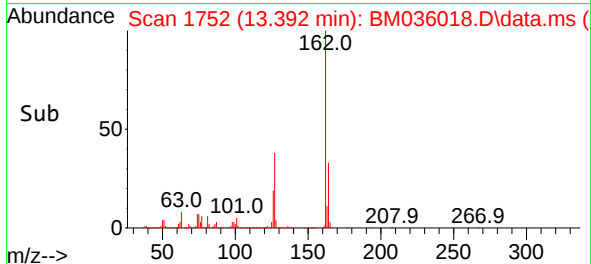
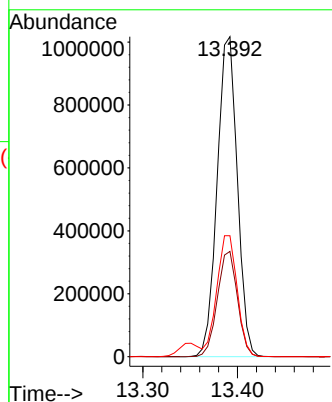
Tgt Ion:162 Resp: 1506880

Ion Ratio Lower Upper

162 100

164 32.9 25.4 38.0

127 37.8 31.6 47.4



#45

2-Nitroaniline

Concen: 39.827 ng/ul

RT: 13.598 min Scan# 1787

Delta R.T. -0.006 min

Lab File: BM036018.D

Acq: 30 Jul 2022 07:13

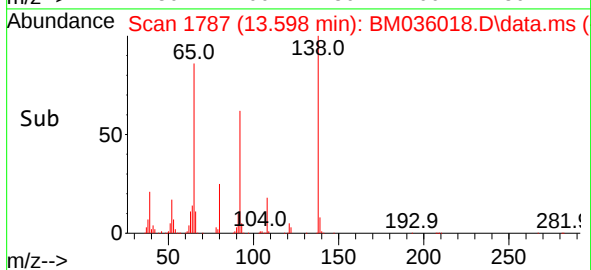
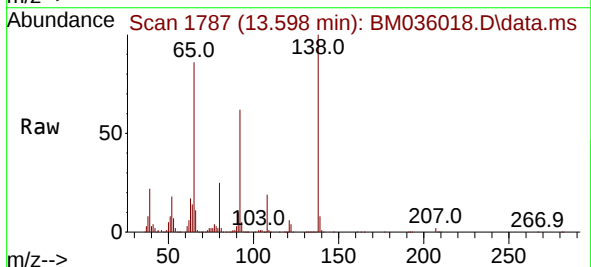
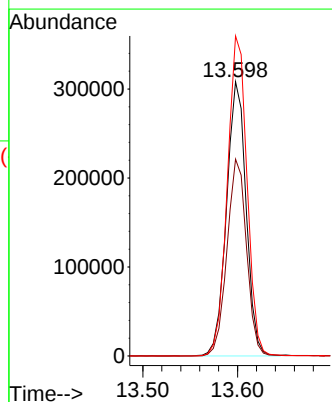
Tgt Ion: 65 Resp: 444152

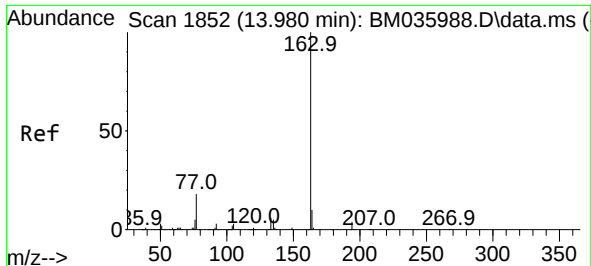
Ion Ratio Lower Upper

65 100

92 71.8 54.5 81.7

138 116.7 91.2 136.8





#47

Dimethylphthalate

Concen: 41.302 ng/ul

RT: 13.974 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BM036018.D

Acq: 30 Jul 2022 07:13

Instrument :

BNA_M

ClientSampleId :

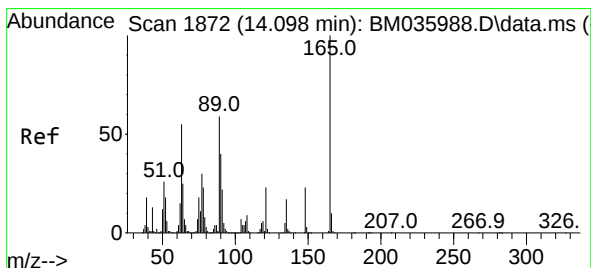
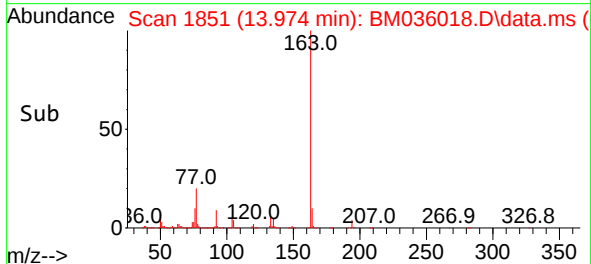
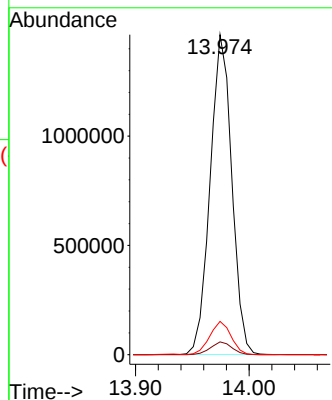
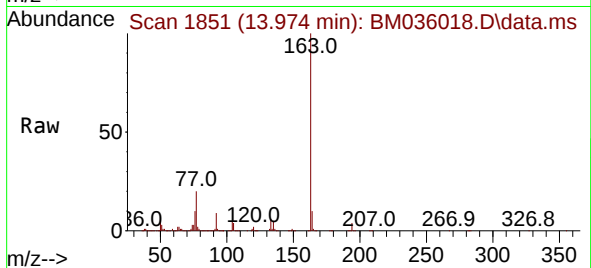
Tgt Ion:163 Resp: 1937876

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 10.4 7.9 11.9



#48

2,6-Dinitrotoluene

Concen: 43.183 ng/ul

RT: 14.098 min Scan# 1872

Delta R.T. -0.000 min

Lab File: BM036018.D

Acq: 30 Jul 2022 07:13

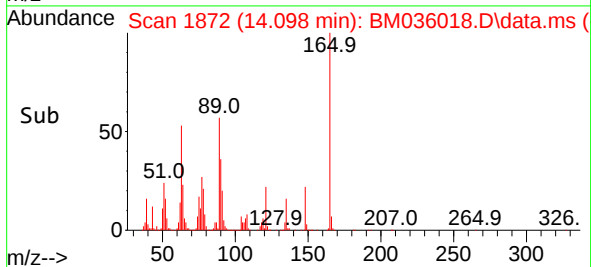
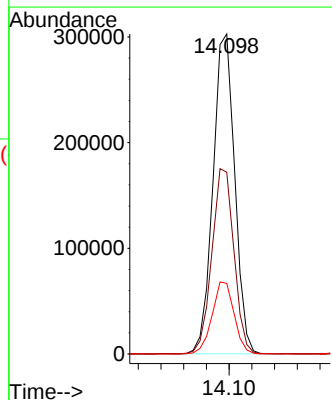
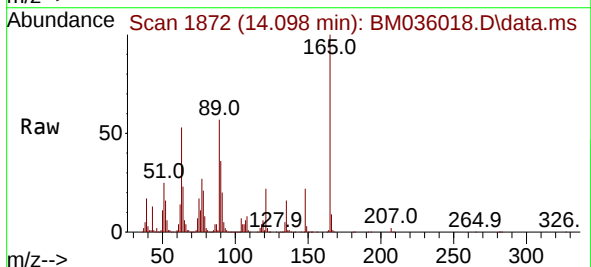
Tgt Ion:165 Resp: 402264

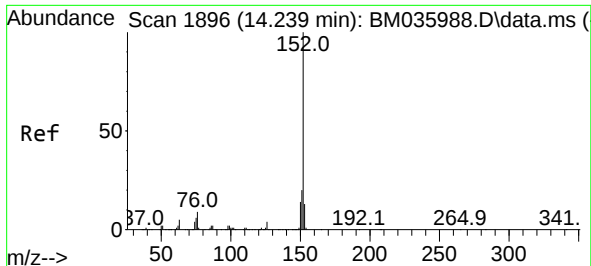
Ion Ratio Lower Upper

165 100

89 56.8 42.5 63.7

121 22.1 17.2 25.8

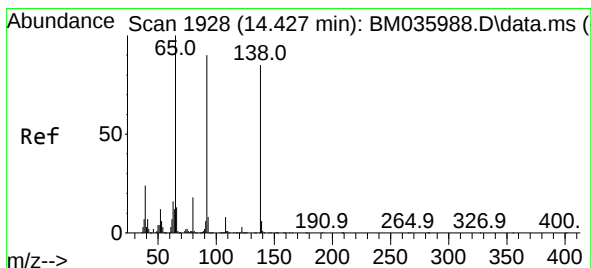
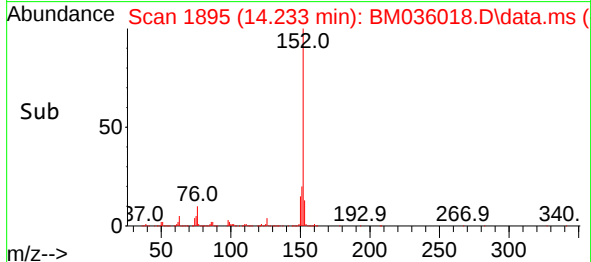
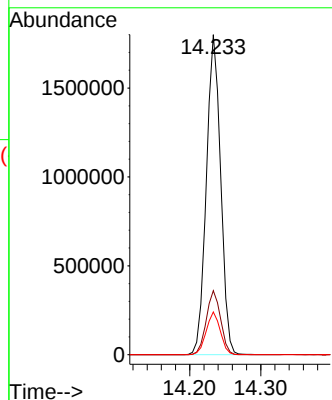
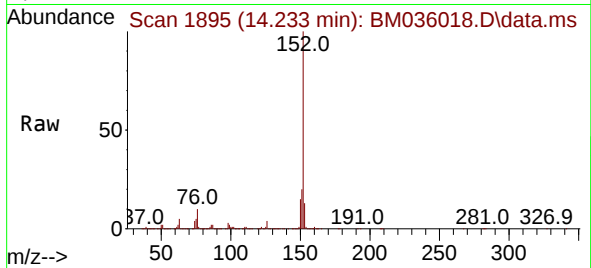




#50
Acenaphthylene
Concen: 38.302 ng/ul
RT: 14.233 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BM036018.D
Acq: 30 Jul 2022 07:13

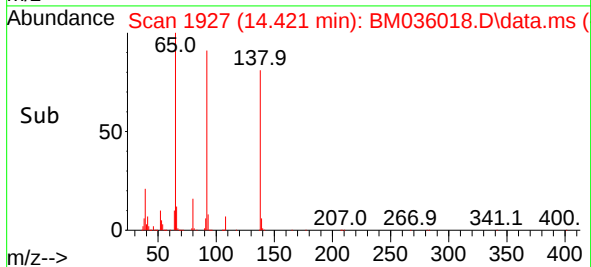
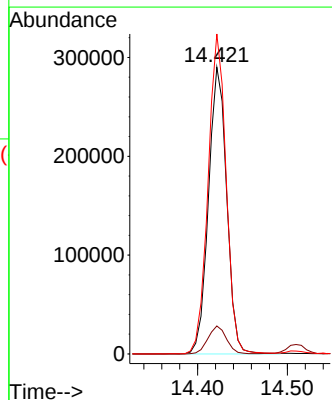
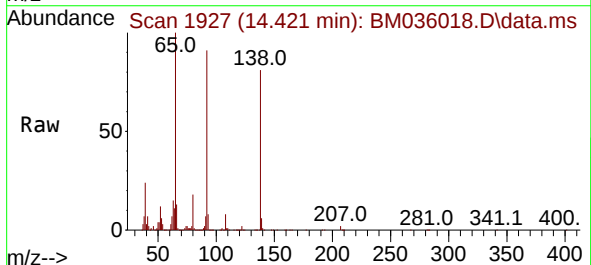
Instrument :
BNA_M
ClientSampleId :

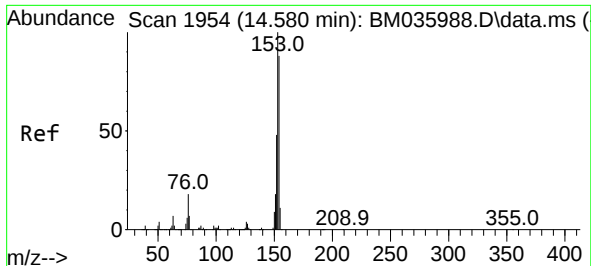
Tgt Ion:152 Resp: 2521696
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.4 10.6 15.8



#51
3-Nitroaniline
Concen: 39.789 ng/ul
RT: 14.421 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BM036018.D
Acq: 30 Jul 2022 07:13

Tgt Ion:138 Resp: 409628
Ion Ratio Lower Upper
138 100
108 9.8 8.1 12.1
92 111.6 90.4 135.6

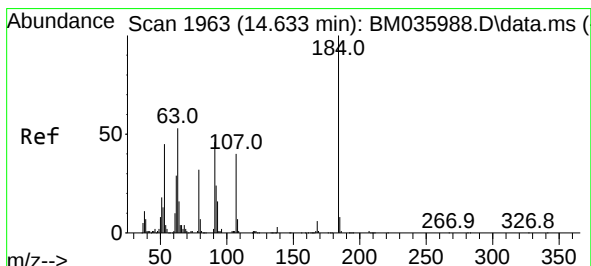
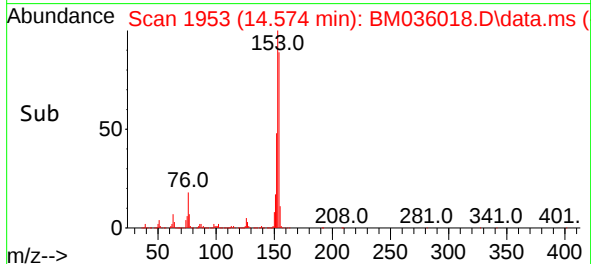
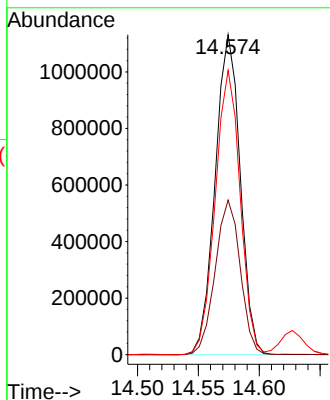
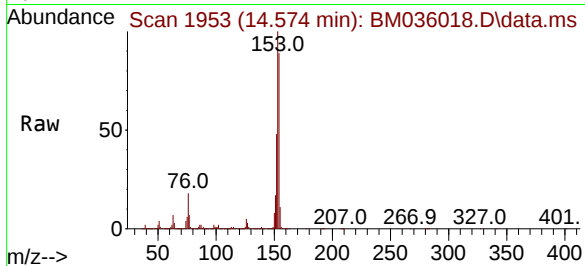




#52
 Acenaphthene
 Concen: 37.956 ng/ul
 RT: 14.574 min Scan# 1953
 Delta R.T. -0.006 min
 Lab File: BM036018.D
 Acq: 30 Jul 2022 07:13

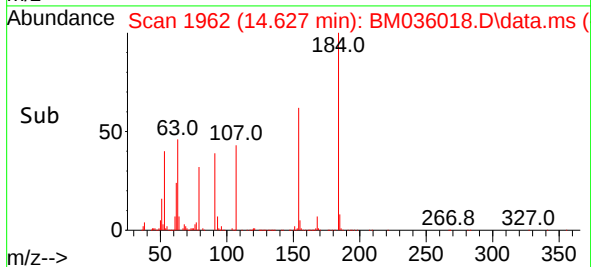
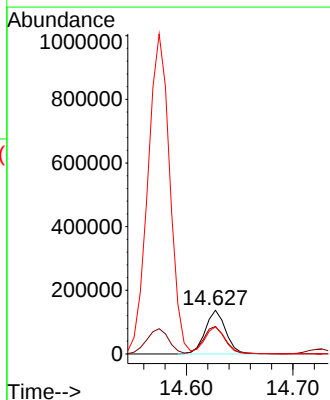
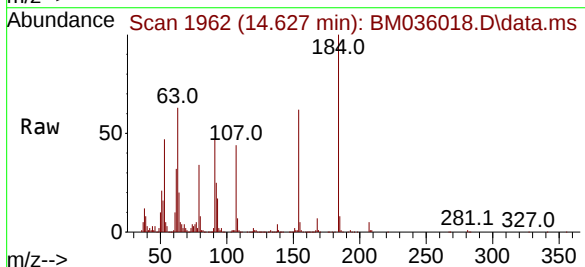
Instrument :
 BNA_M
 ClientSampleId :

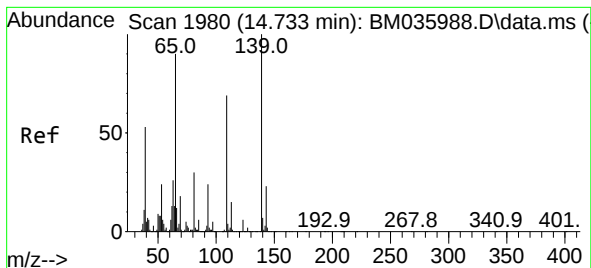
Tgt Ion:153 Resp: 1621173
 Ion Ratio Lower Upper
 153 100
 152 48.3 37.1 55.7
 154 88.9 71.3 106.9



#53
 2,4-Dinitrophenol
 Concen: 34.769 ng/ul
 RT: 14.627 min Scan# 1962
 Delta R.T. -0.006 min
 Lab File: BM036018.D
 Acq: 30 Jul 2022 07:13

Tgt Ion:184 Resp: 183895
 Ion Ratio Lower Upper
 184 100
 63 62.9 54.2 81.4
 154 62.3 49.3 73.9

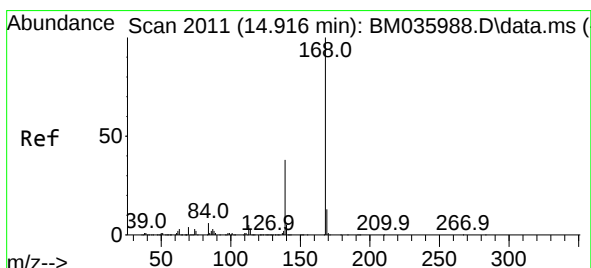
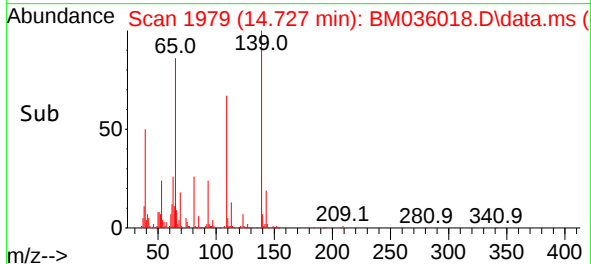
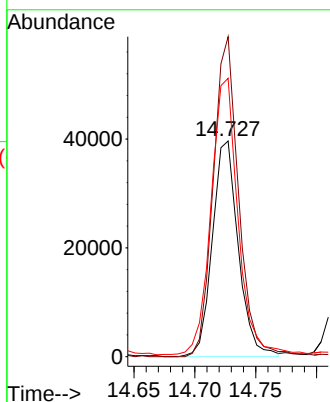
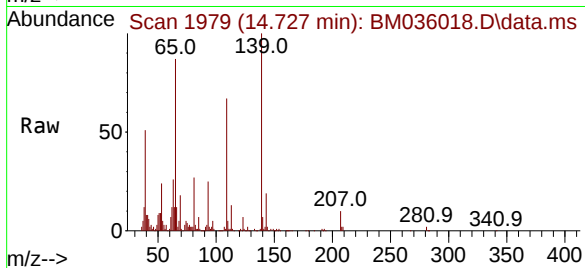




#55
4-Nitrophenol
Concen: 8.010 ng/ul
RT: 14.727 min Scan# 1980
Delta R.T. -0.006 min
Lab File: BM036018.D
Acq: 30 Jul 2022 07:13

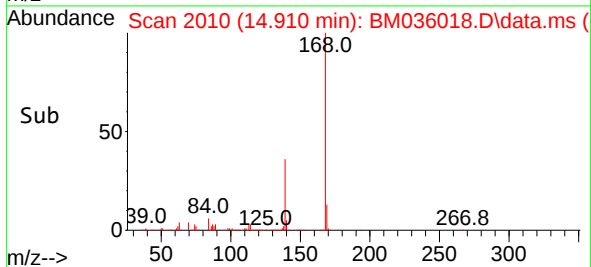
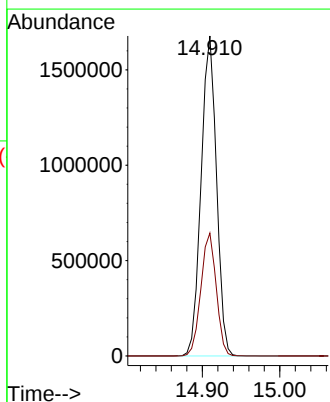
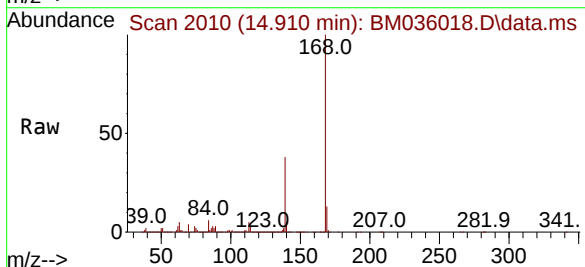
Instrument :
BNA_M
ClientSampleId :

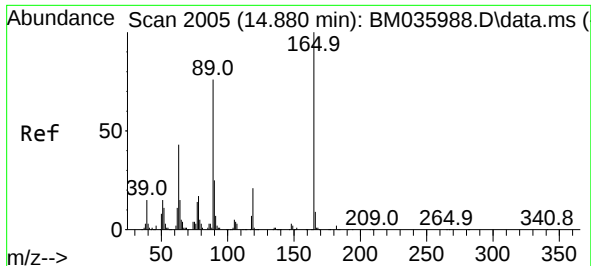
Tgt Ion:109 Resp: 58684
Ion Ratio Lower Upper
109 100
139 148.4 124.9 187.3
65 129.1 122.2 183.4



#56
Dibenzofuran
Concen: 39.126 ng/ul
RT: 14.910 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BM036018.D
Acq: 30 Jul 2022 07:13

Tgt Ion:168 Resp: 2312273
Ion Ratio Lower Upper
168 100
139 38.4 30.1 45.1





#57

2,4-Dinitrotoluene

Concen: 43.402 ng/ul

RT: 14.880 min Scan# 2005

Delta R.T. -0.000 min

Lab File: BM036018.D

Acq: 30 Jul 2022 07:13

Instrument :

BNA_M

ClientSampleId :

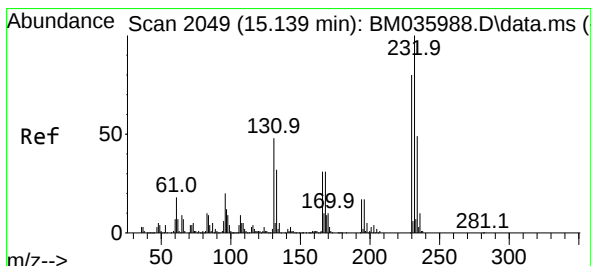
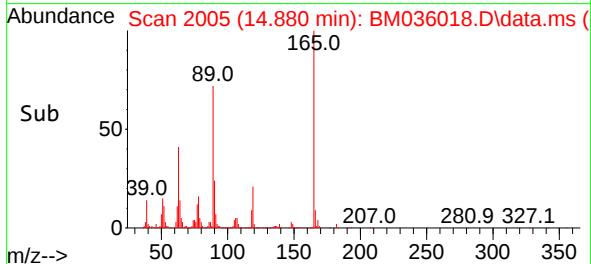
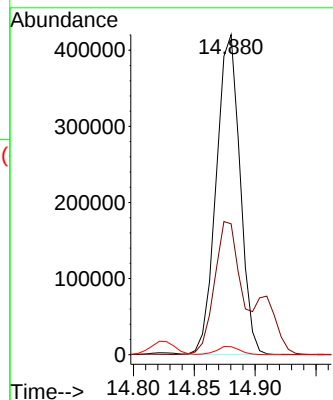
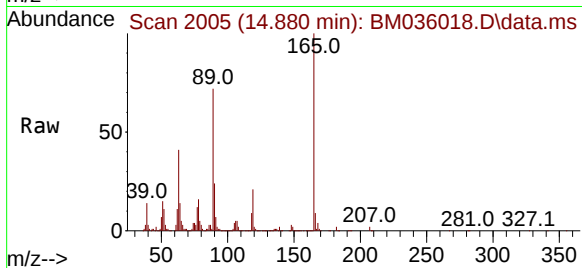
Tgt Ion:165 Resp: 569920

Ion Ratio Lower Upper

165 100

63 40.9 35.9 53.9

182 2.5 2.5 3.7



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.995 ng/ul

RT: 15.133 min Scan# 2048

Delta R.T. -0.006 min

Lab File: BM036018.D

Acq: 30 Jul 2022 07:13

Tgt Ion:232 Resp: 439179

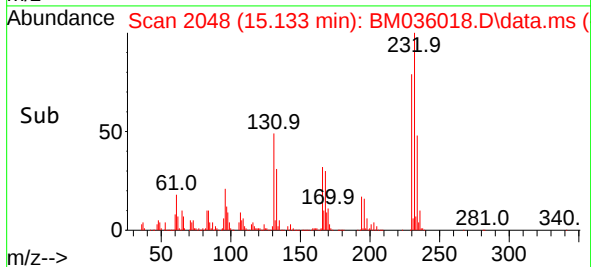
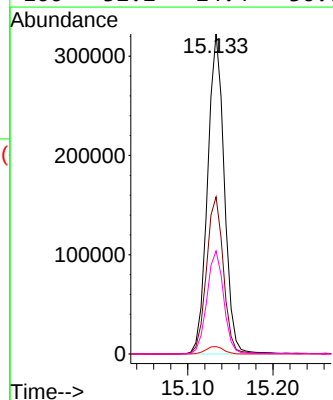
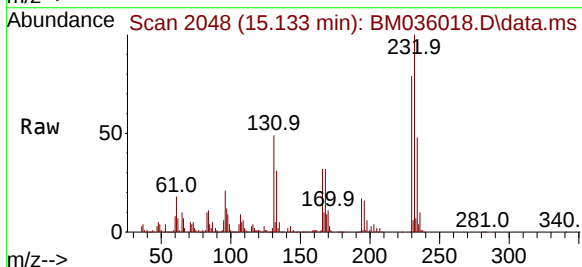
Ion Ratio Lower Upper

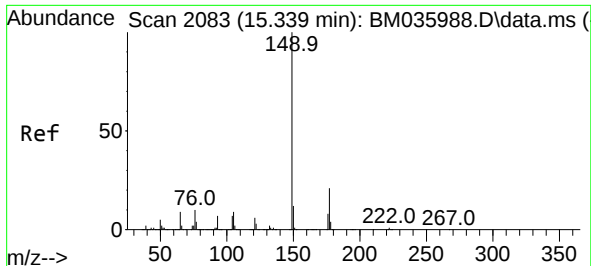
232 100

131 49.1 36.7 55.1

130 2.3 1.7 2.5

166 32.2 24.4 36.6





#59

Diethylphthalate

Concen: 42.678 ng/ul

RT: 15.333 min Scan# 2082

Delta R.T. -0.006 min

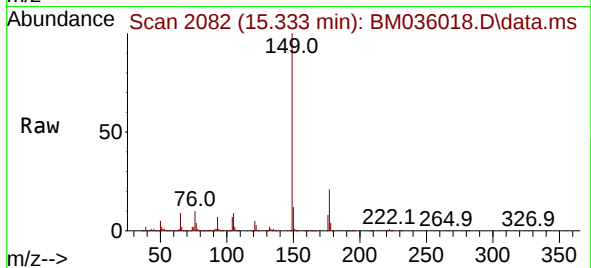
Lab File: BM036018.D

Acq: 30 Jul 2022 07:13

Instrument :

BNA_M

ClientSampleId :



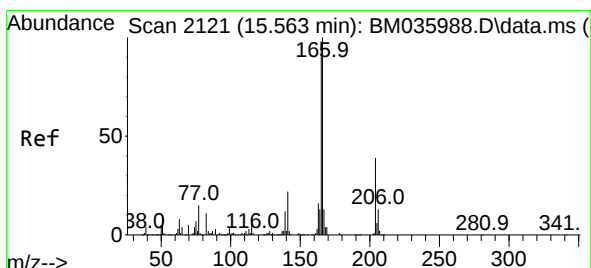
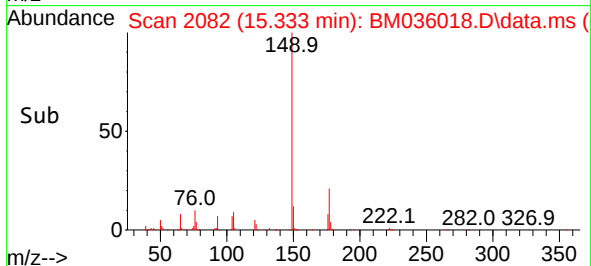
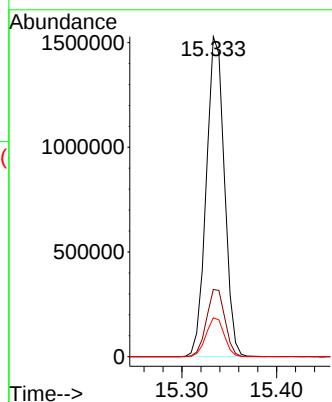
Tgt Ion:149 Resp: 2025476

Ion Ratio Lower Upper

149 100

177 21.0 16.8 25.2

150 12.1 10.2 15.4



#61

Fluorene

Concen: 39.655 ng/ul

RT: 15.557 min Scan# 2120

Delta R.T. -0.006 min

Lab File: BM036018.D

Acq: 30 Jul 2022 07:13

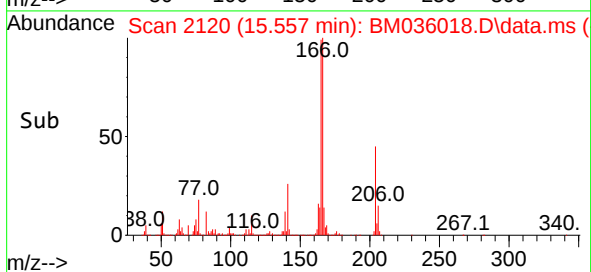
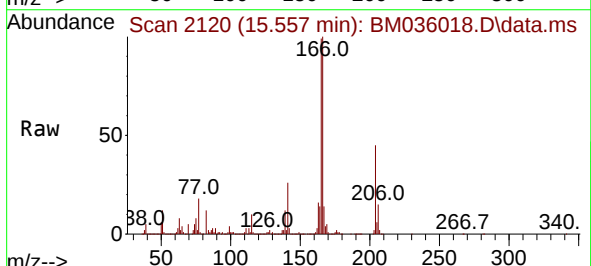
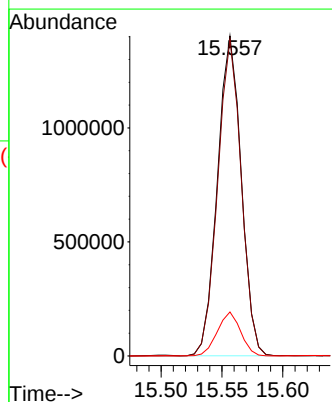
Tgt Ion:166 Resp: 1914408

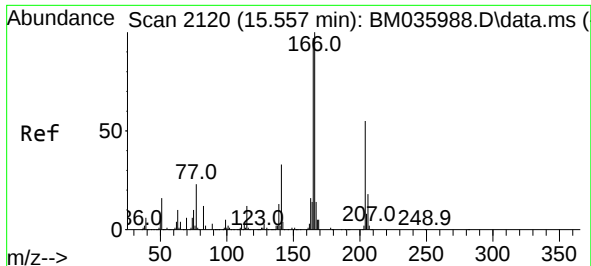
Ion Ratio Lower Upper

166 100

165 98.9 77.2 115.8

167 13.7 11.0 16.4

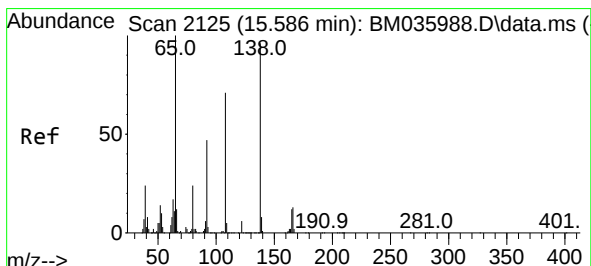
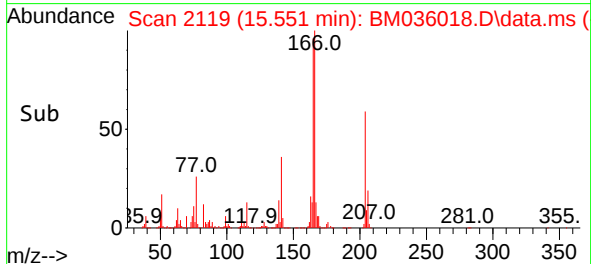
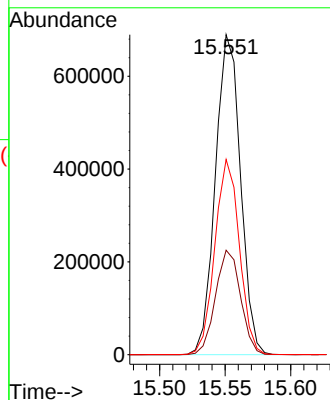
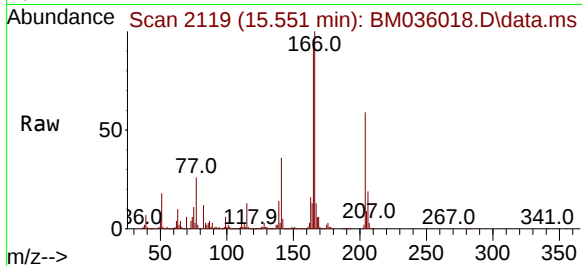




#62
4-Chlorophenyl-phenylether
Concen: 39.678 ng/ul
RT: 15.551 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BM036018.D
Acq: 30 Jul 2022 07:13

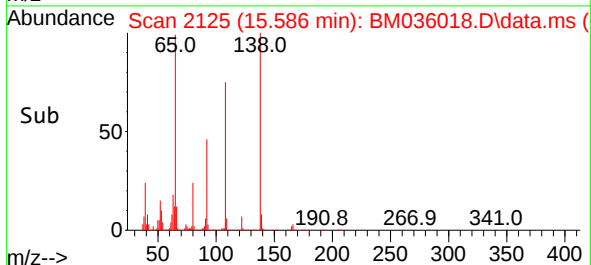
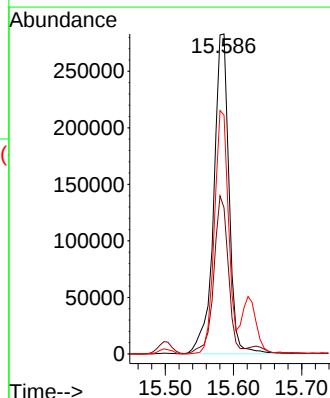
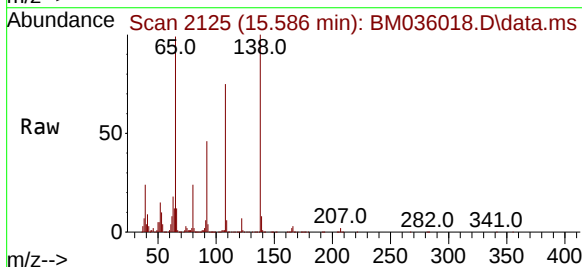
Instrument :
BNA_M
ClientSampleId :

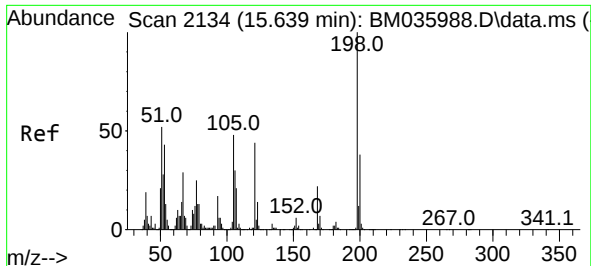
Tgt Ion:204 Resp: 917779
Ion Ratio Lower Upper
204 100
206 32.6 25.9 38.9
141 61.0 50.6 75.8



#63
4-Nitroaniline
Concen: 46.679 ng/ul
RT: 15.586 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BM036018.D
Acq: 30 Jul 2022 07:13

Tgt Ion:138 Resp: 442416
Ion Ratio Lower Upper
138 100
92 45.7 39.2 58.8
108 74.6 51.6 77.4

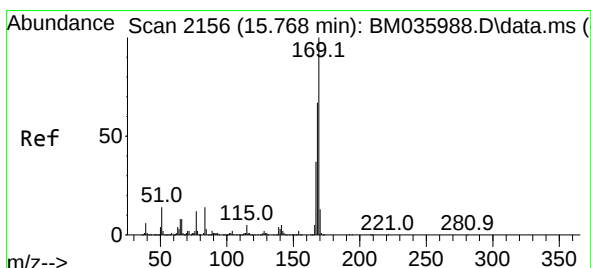
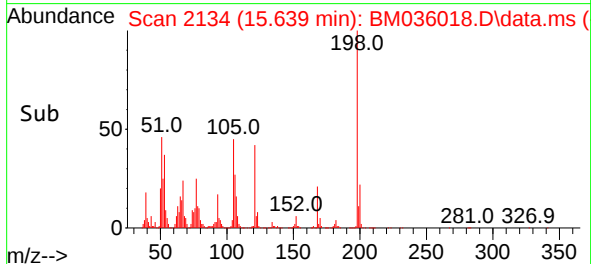
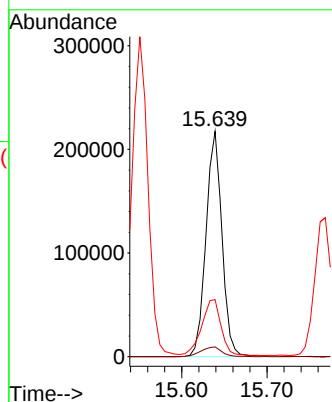
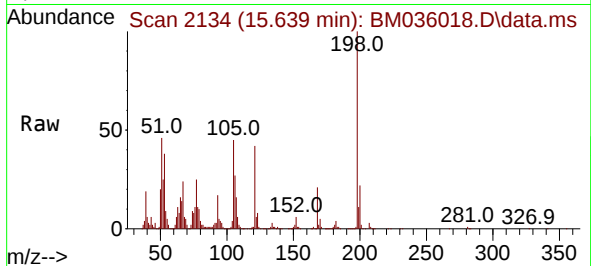




#66
 4,6-Dinitro-2-methylphenol
 Concen: 39.091 ng/ul
 RT: 15.639 min Scan# 2134
 Delta R.T. -0.000 min
 Lab File: BM036018.D
 Acq: 30 Jul 2022 07:13

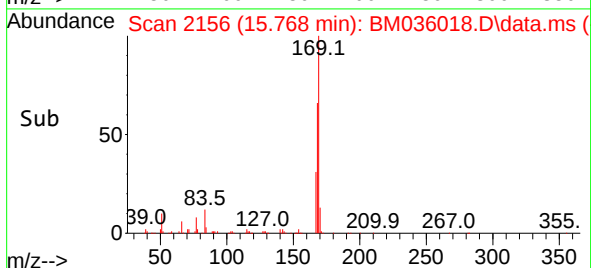
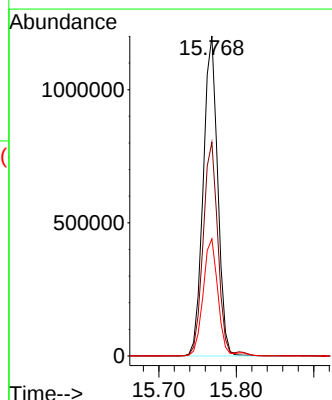
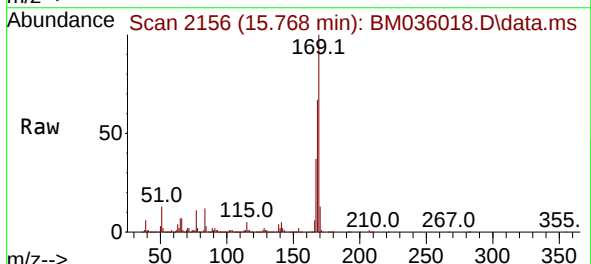
Instrument :
 BNA_M
 ClientSampleId :

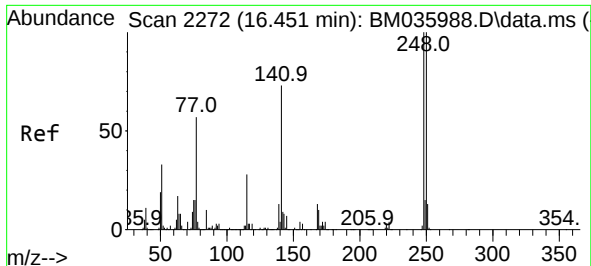
Tgt Ion:198 Resp: 283550
 Ion Ratio Lower Upper
 198 100
 182 4.3 4.2 6.4
 77 25.3 19.9 29.9



#67
 N-Nitrosodiphenylamine
 Concen: 39.272 ng/ul
 RT: 15.768 min Scan# 2156
 Delta R.T. -0.000 min
 Lab File: BM036018.D
 Acq: 30 Jul 2022 07:13

Tgt Ion:169 Resp: 1556952
 Ion Ratio Lower Upper
 169 100
 168 66.8 53.8 80.6
 167 36.6 28.7 43.1

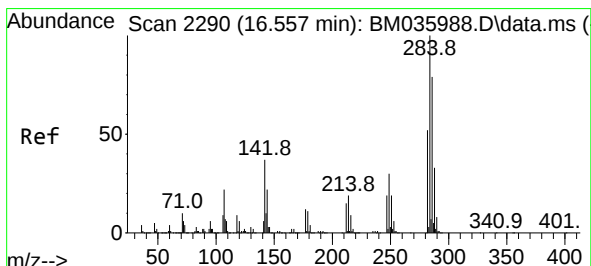
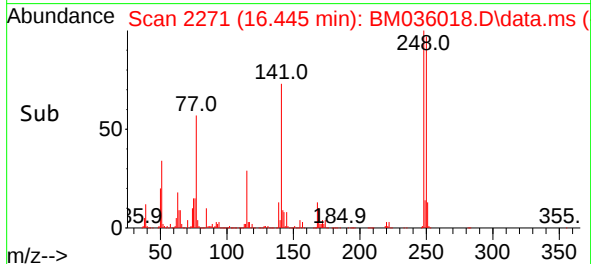
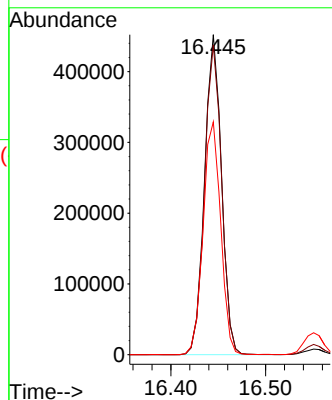
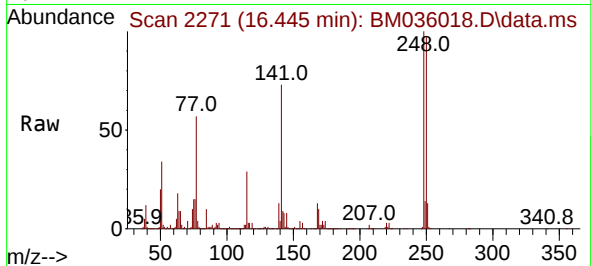




#68
4-Bromophenyl-phenylether
Concen: 42.586 ng/ul
RT: 16.445 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM036018.D
Acq: 30 Jul 2022 07:13

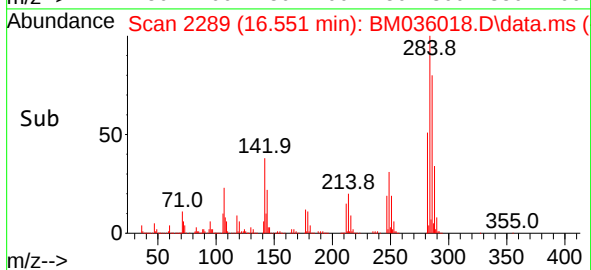
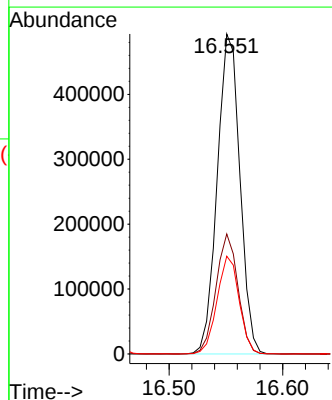
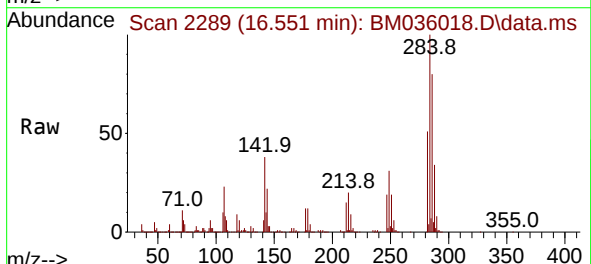
Instrument :
BNA_M
ClientSampleId :

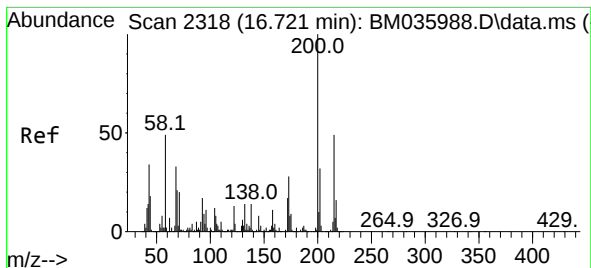
Tgt Ion:248 Resp: 563008
Ion Ratio Lower Upper
248 100
250 96.8 77.3 115.9
141 72.8 59.8 89.8



#69
Hexachlorobenzene
Concen: 42.446 ng/ul
RT: 16.551 min Scan# 2289
Delta R.T. -0.006 min
Lab File: BM036018.D
Acq: 30 Jul 2022 07:13

Tgt Ion:284 Resp: 683737
Ion Ratio Lower Upper
284 100
142 37.5 28.6 42.8
249 30.6 24.6 37.0





#70

Atrazine

Concen: 41.777 ng/ul

RT: 16.721 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM036018.D

Acq: 30 Jul 2022 07:13

Instrument :

BNA_M

ClientSampleId :

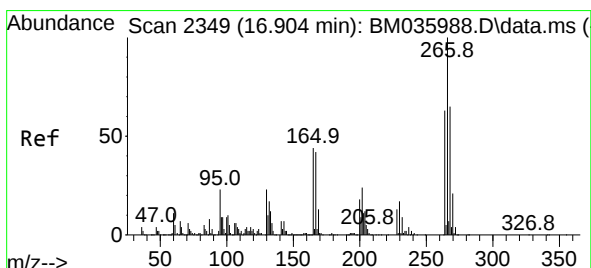
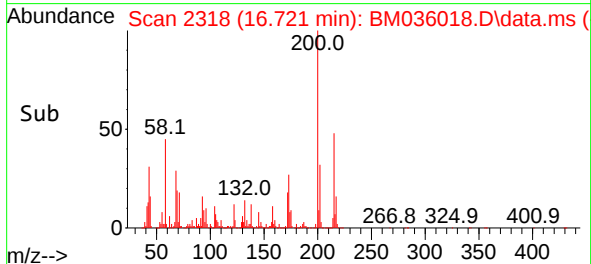
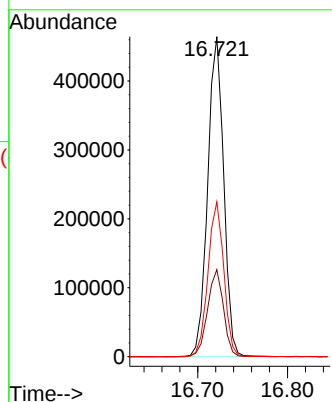
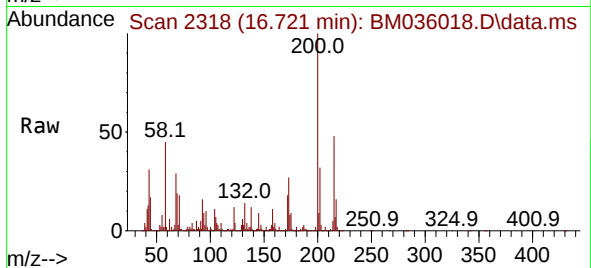
Tgt Ion:200 Resp: 574471

Ion Ratio Lower Upper

200 100

173 27.2 21.3 31.9

215 48.4 39.0 58.6



#71

Pentachlorophenol

Concen: 38.968 ng/ul

RT: 16.898 min Scan# 2348

Delta R.T. -0.006 min

Lab File: BM036018.D

Acq: 30 Jul 2022 07:13

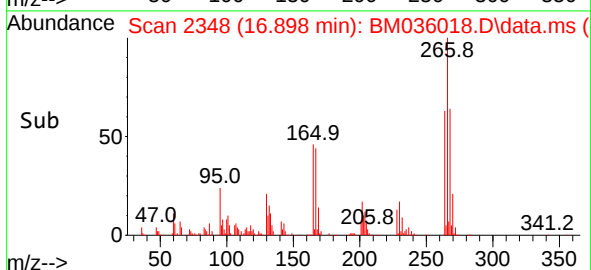
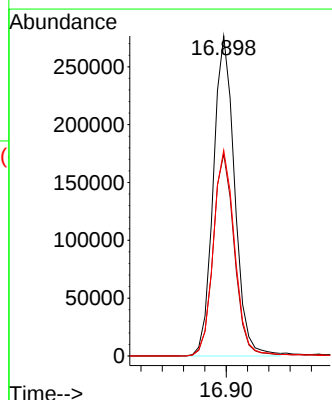
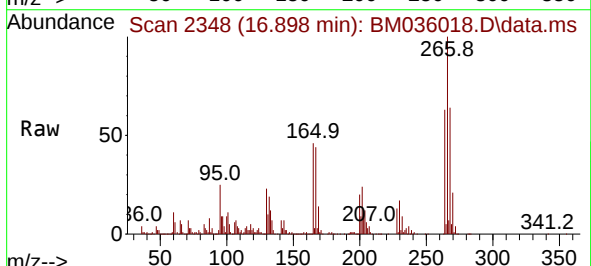
Tgt Ion:266 Resp: 383481

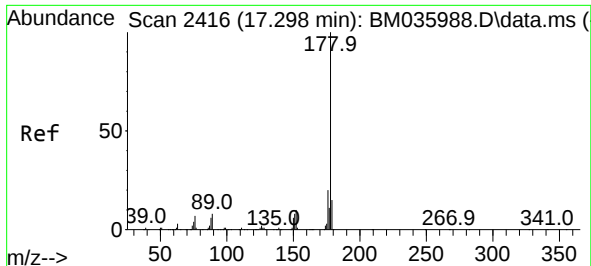
Ion Ratio Lower Upper

266 100

264 63.0 49.5 74.3

268 64.3 51.0 76.4

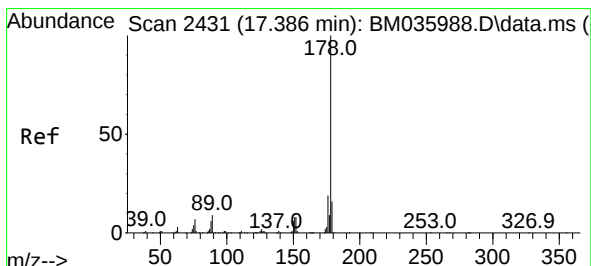
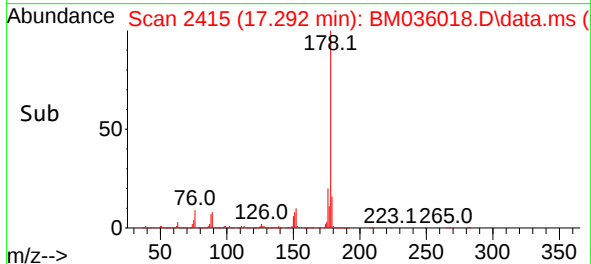
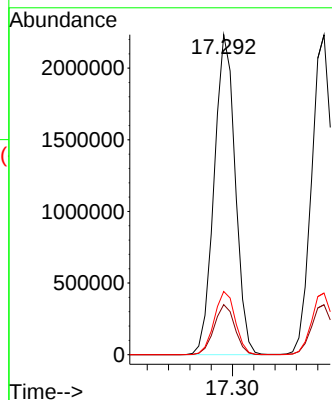
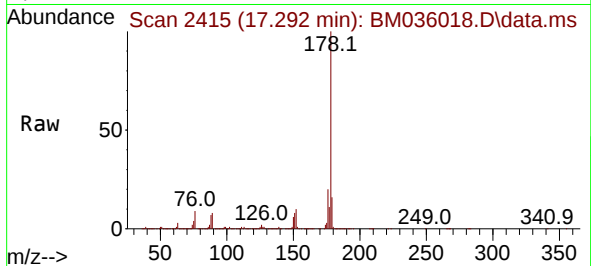




#72
Phenanthrene
Concen: 42.336 ng/ul
RT: 17.292 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BM036018.D
Acq: 30 Jul 2022 07:13

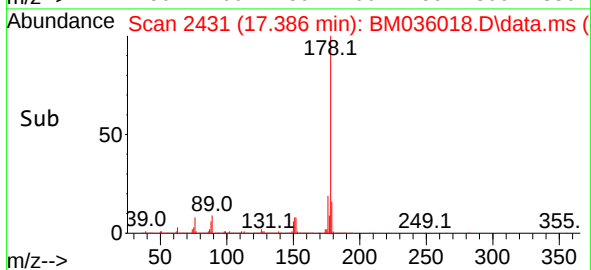
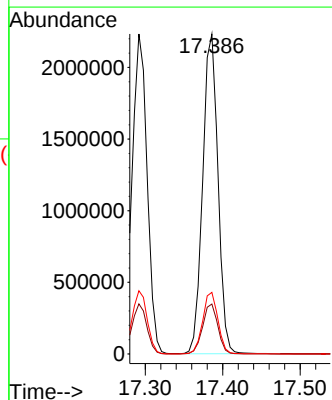
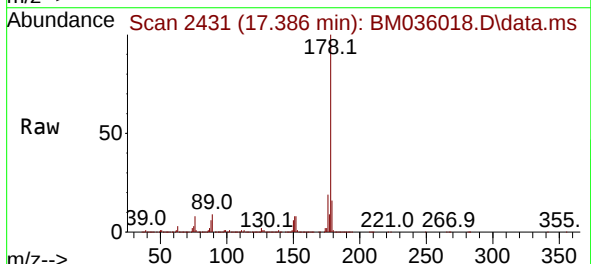
Instrument :
BNA_M
ClientSampleId :

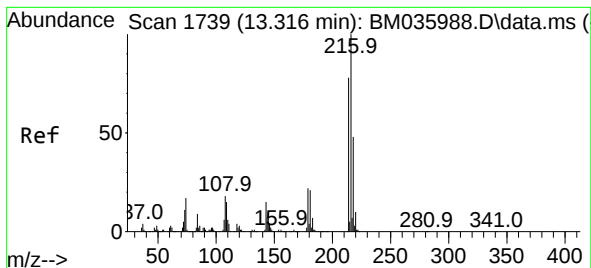
Tgt Ion:178 Resp: 3060001
Ion Ratio Lower Upper
178 100
179 15.7 12.2 18.2
176 19.8 14.9 22.3



#74
Anthracene
Concen: 42.149 ng/ul
RT: 17.386 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BM036018.D
Acq: 30 Jul 2022 07:13

Tgt Ion:178 Resp: 3056918
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.2
176 19.2 14.4 21.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 34.574 ng/uL

RT: 13.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM036018.D

Acq: 30 Jul 2022 07:13

Instrument :

BNA_M

ClientSampleId :

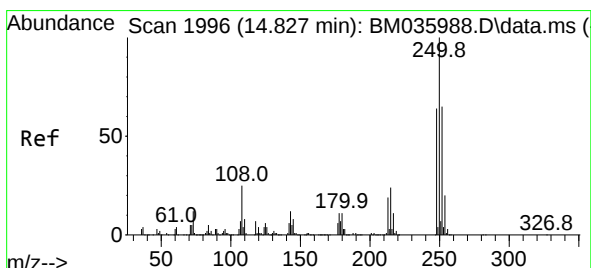
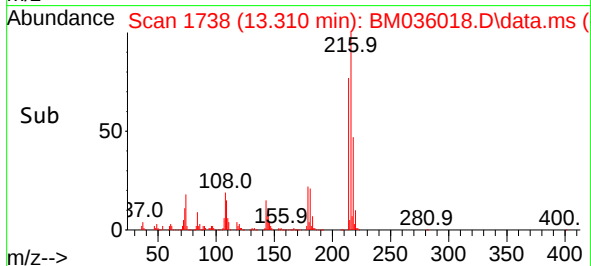
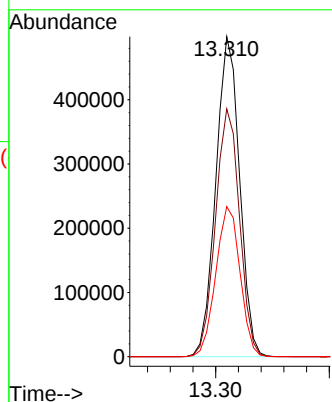
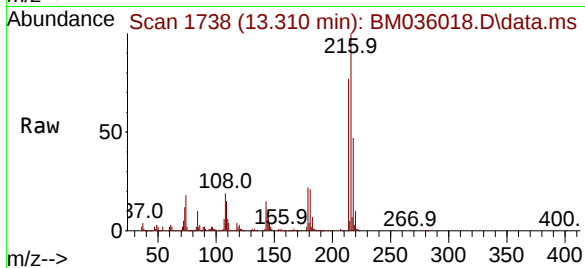
Tgt Ion:216 Resp: 725057

Ion Ratio Lower Upper

216 100

214 77.4 60.9 91.3

218 46.9 37.5 56.3



#76

Pentachlorobenzene

Concen: 39.612 ng/uL

RT: 14.827 min Scan# 1996

Delta R.T. -0.000 min

Lab File: BM036018.D

Acq: 30 Jul 2022 07:13

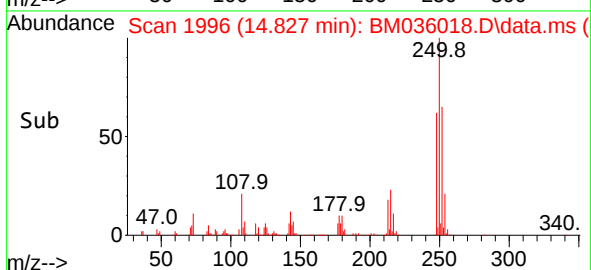
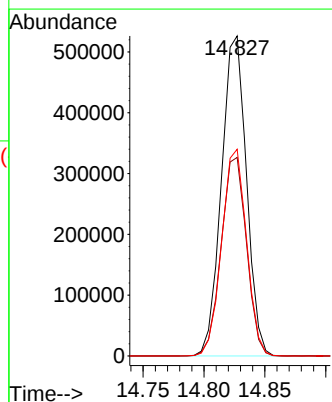
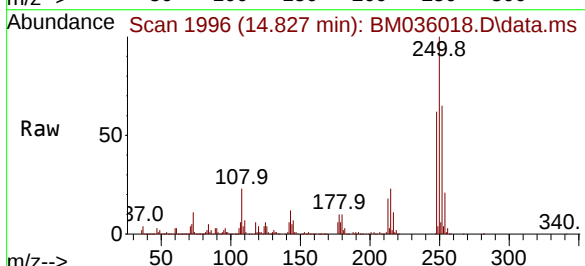
Tgt Ion:250 Resp: 753009

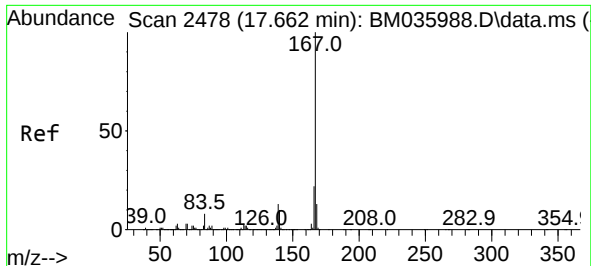
Ion Ratio Lower Upper

250 100

248 62.1 50.4 75.6

252 64.6 51.1 76.7

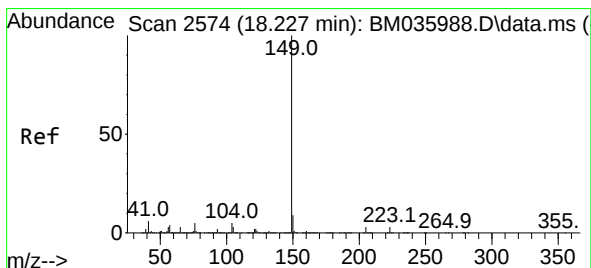
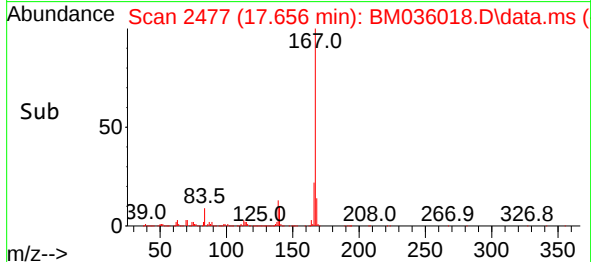
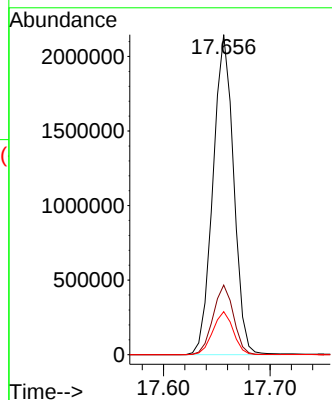
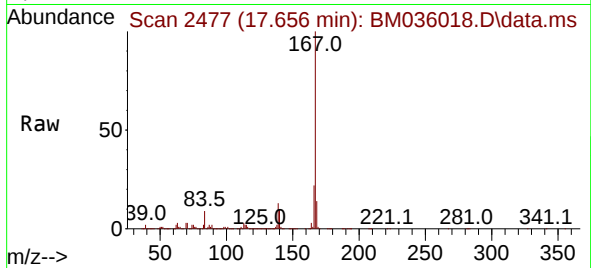




#77
 Carbazole
 Concen: 43.071 ng/ul
 RT: 17.656 min Scan# 2477
 Delta R.T. -0.006 min
 Lab File: BM036018.D
 Acq: 30 Jul 2022 07:13

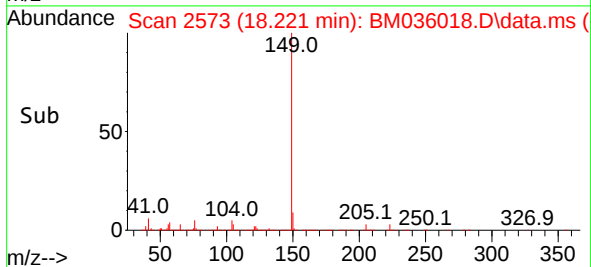
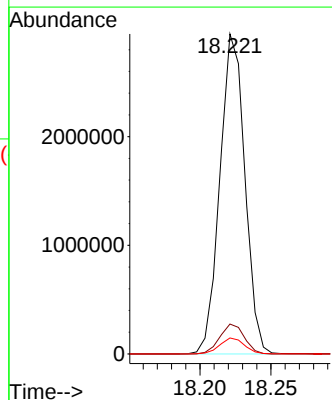
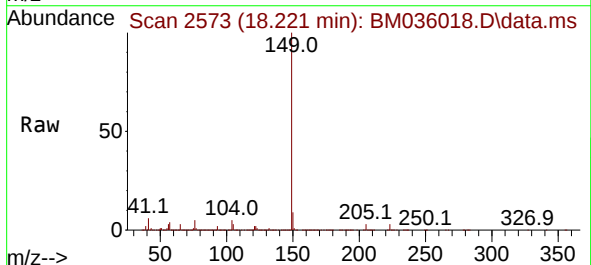
Instrument :
 BNA_M
 ClientSampleId :

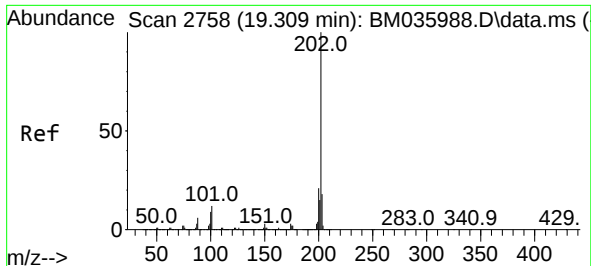
Tgt Ion:167 Resp: 2885161
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.0
 139 13.4 10.1 15.1



#78
 Di-n-butylphthalate
 Concen: 47.589 ng/ul
 RT: 18.221 min Scan# 2573
 Delta R.T. -0.006 min
 Lab File: BM036018.D
 Acq: 30 Jul 2022 07:13

Tgt Ion:149 Resp: 3596659
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.3 10.9
 104 5.0 3.7 5.5

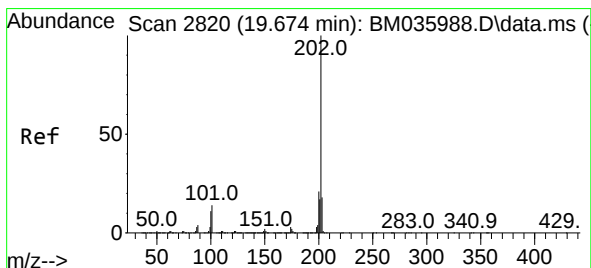
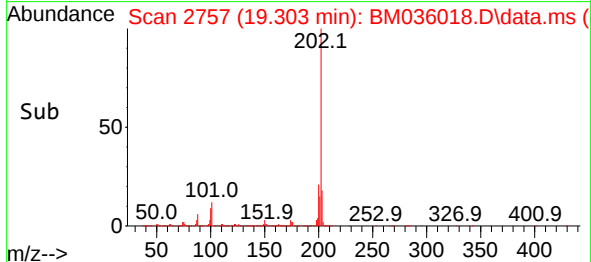
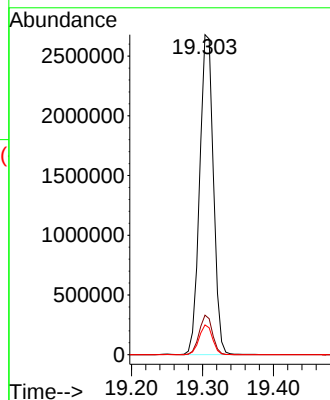
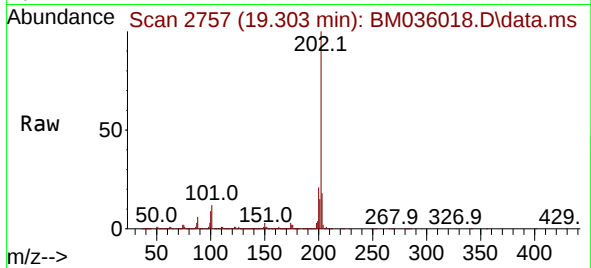




#80
Fluoranthene
Concen: 41.269 ng/ul
RT: 19.303 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM036018.D
Acq: 30 Jul 2022 07:13

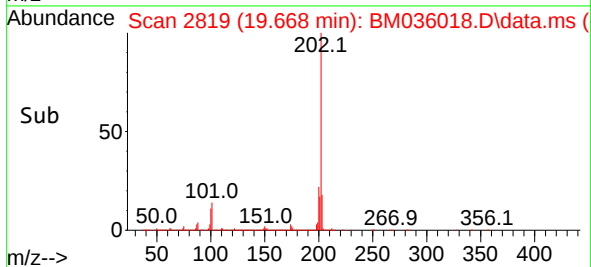
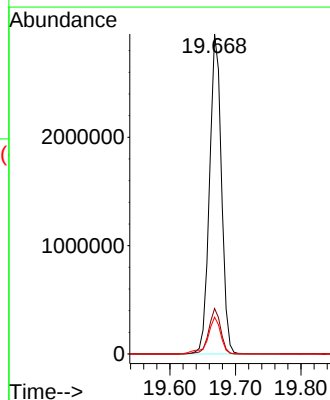
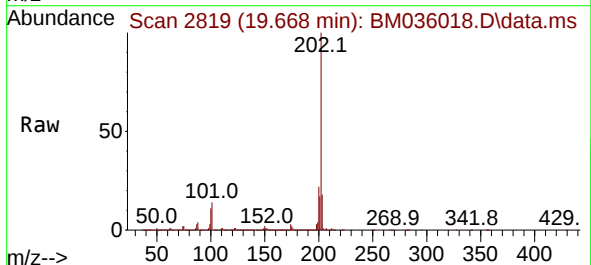
Instrument :
BNA_M
ClientSampleId :

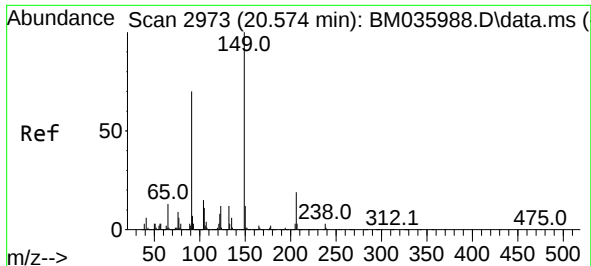
Tgt Ion:202 Resp: 3616476
Ion Ratio Lower Upper
202 100
101 12.4 10.1 15.1
100 9.3 7.8 11.6



#82
Pyrene
Concen: 41.337 ng/ul
RT: 19.668 min Scan# 2819
Delta R.T. -0.006 min
Lab File: BM036018.D
Acq: 30 Jul 2022 07:13

Tgt Ion:202 Resp: 3733729
Ion Ratio Lower Upper
202 100
101 14.2 11.9 17.9
100 11.5 10.2 15.4

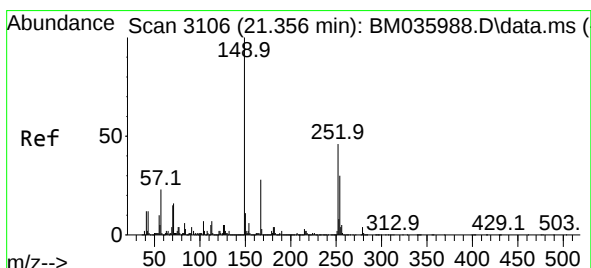
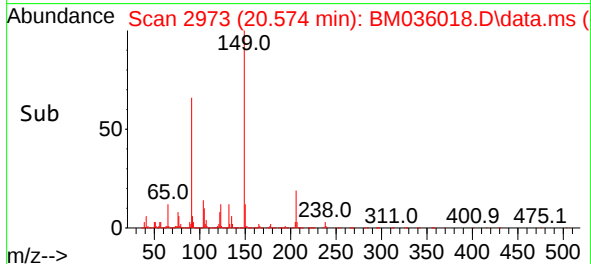
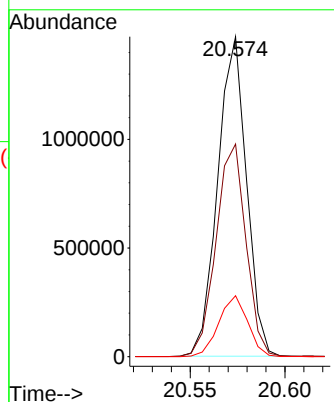
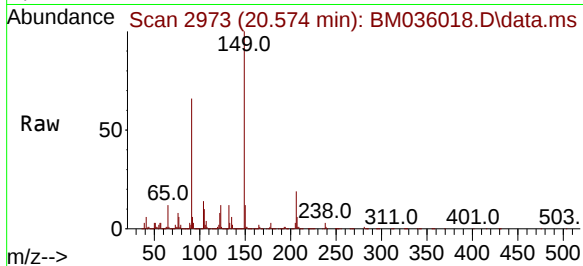




#83
Butylbenzylphthalate
Concen: 47.371 ng/ul
RT: 20.574 min Scan# 2973
Delta R.T. -0.000 min
Lab File: BM036018.D
Acq: 30 Jul 2022 07:13

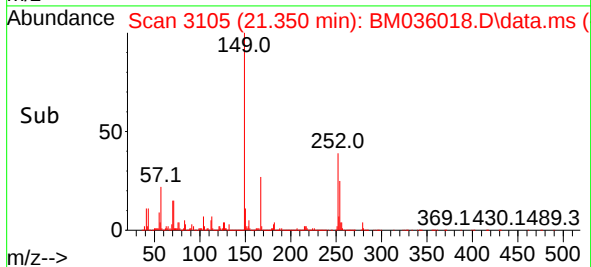
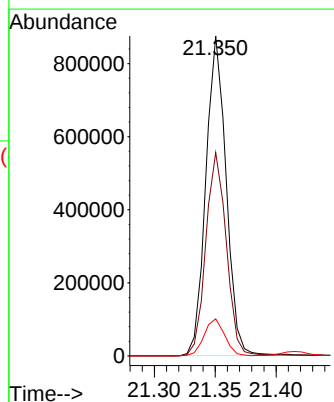
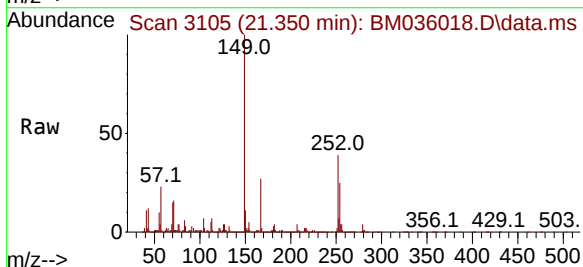
Instrument :
BNA_M
ClientSampleId :

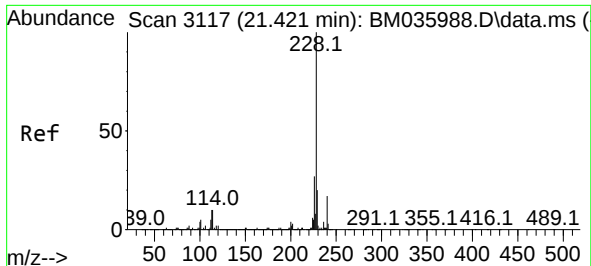
Tgt Ion:149 Resp: 1556188
Ion Ratio Lower Upper
149 100
91 66.4 53.2 79.8
206 19.1 16.0 24.0



#84
3,3'-Dichlorobenzidine
Concen: 41.457 ng/ul
RT: 21.350 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BM036018.D
Acq: 30 Jul 2022 07:13

Tgt Ion:252 Resp: 1012432
Ion Ratio Lower Upper
252 100
254 63.6 52.4 78.6
126 11.6 10.8 16.2

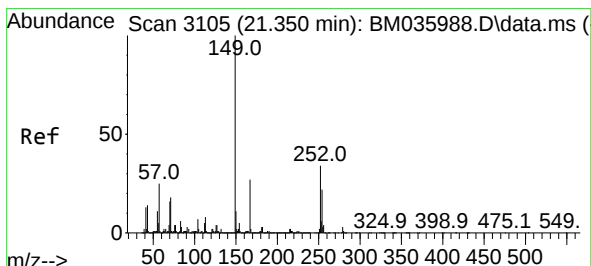
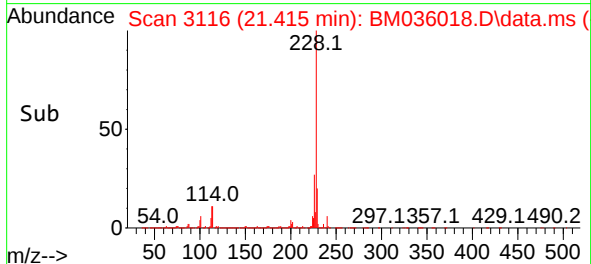
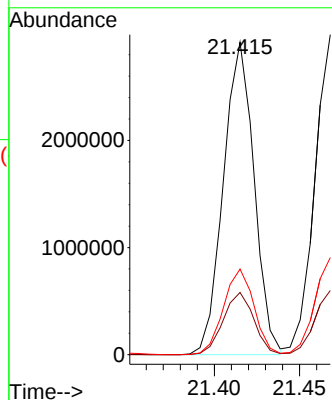
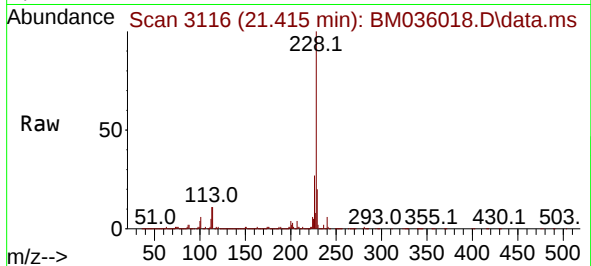




#85
Benzo(a)anthracene
Concen: 43.949 ng/ul
RT: 21.415 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM036018.D
Acq: 30 Jul 2022 07:13

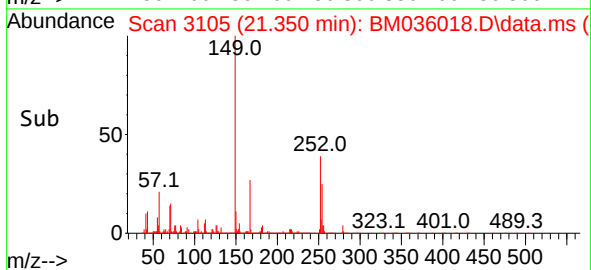
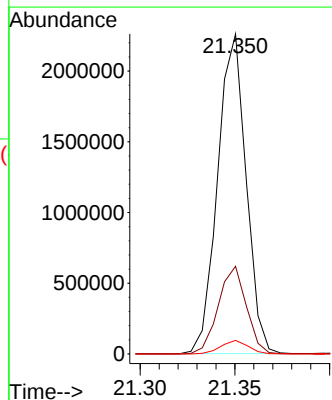
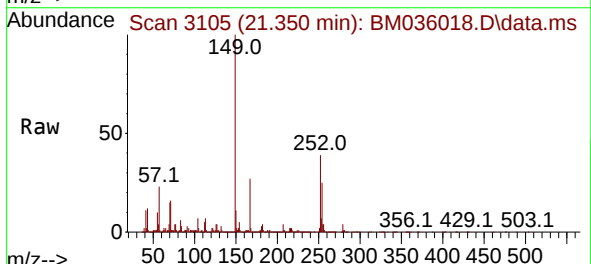
Instrument :
BNA_M
ClientSampleId :

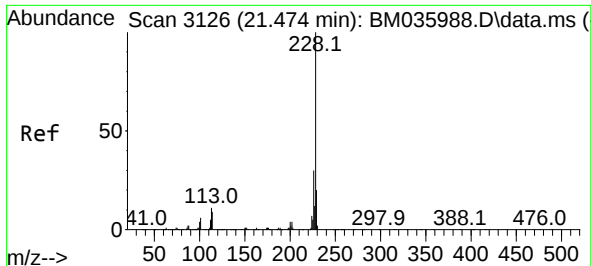
Tgt Ion:228 Resp: 3660775
Ion Ratio Lower Upper
228 100
229 19.9 15.6 23.4
226 27.4 21.7 32.5



#86
Bis(2-ethylhexyl)phthalate
Concen: 49.836 ng/ul
RT: 21.350 min Scan# 3105
Delta R.T. -0.000 min
Lab File: BM036018.D
Acq: 30 Jul 2022 07:13

Tgt Ion:149 Resp: 2365574
Ion Ratio Lower Upper
149 100
167 27.4 21.5 32.3
279 4.2 3.4 5.2

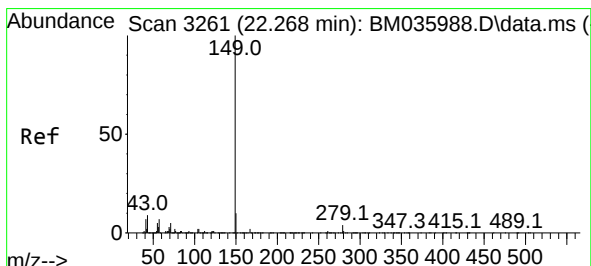
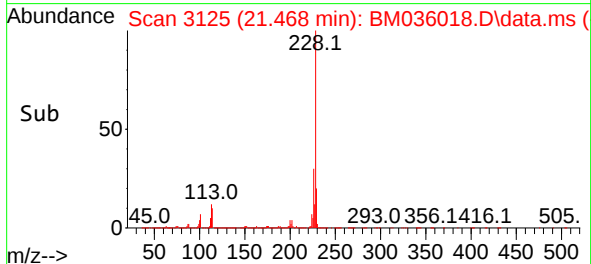
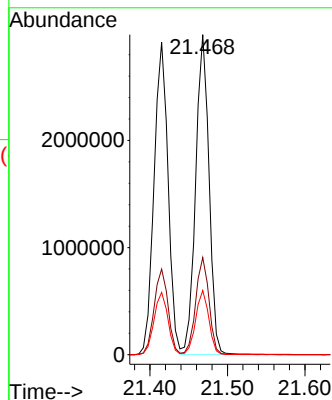
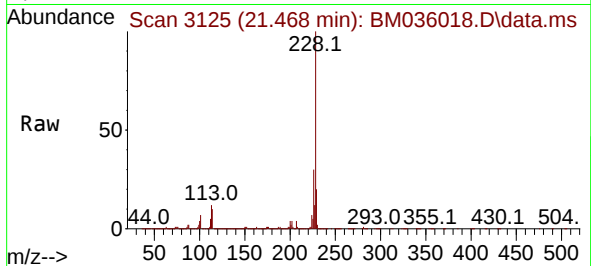




#87
Chrysene
Concen: 43.933 ng/ul
RT: 21.468 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM036018.D
Acq: 30 Jul 2022 07:13

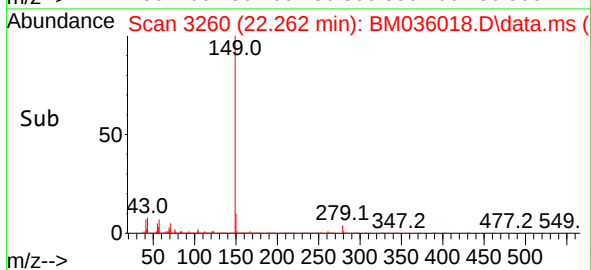
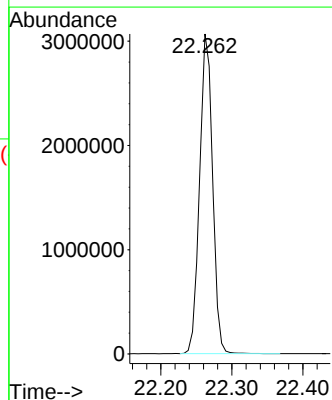
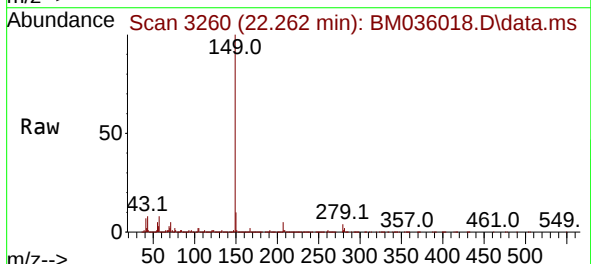
Instrument :
BNA_M
ClientSampleId :

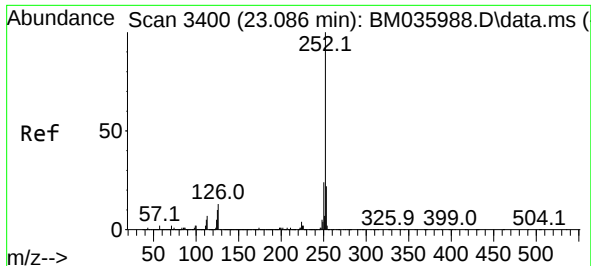
Tgt Ion:228 Resp: 3570554
Ion Ratio Lower Upper
228 100
226 30.4 23.7 35.5
229 20.0 15.5 23.3



#89
Di-n-octyl phthalate
Concen: 44.458 ng/ul
RT: 22.262 min Scan# 3260
Delta R.T. -0.006 min
Lab File: BM036018.D
Acq: 30 Jul 2022 07:13

Tgt Ion:149 Resp: 3900734

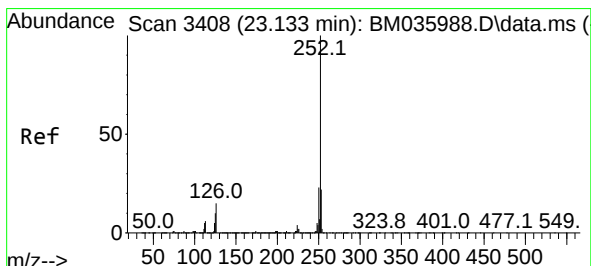
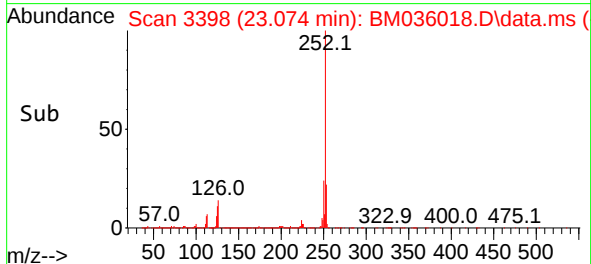
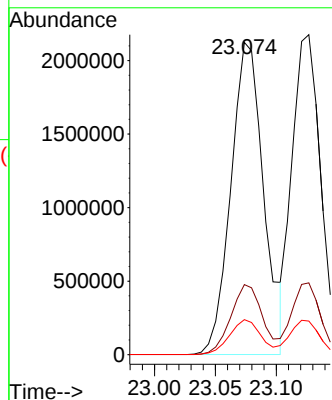
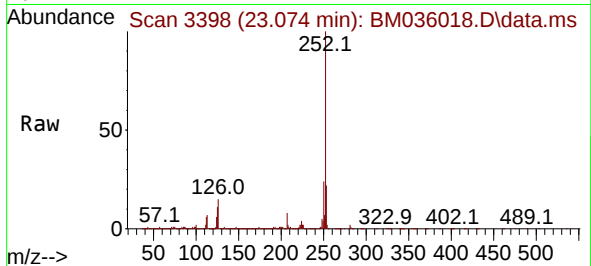




#90
Benzo(b)fluoranthene
Concen: 43.875 ng/ul
RT: 23.074 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM036018.D
Acq: 30 Jul 2022 07:13

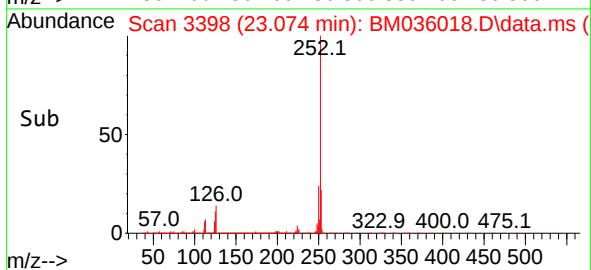
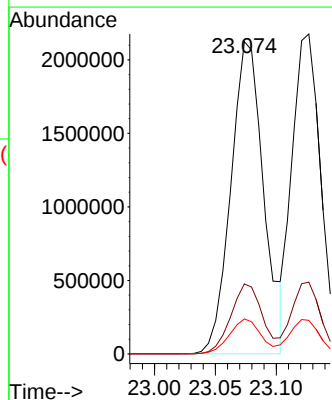
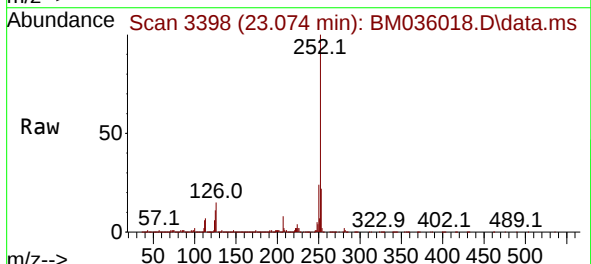
Instrument :
BNA_M
ClientSampleId :

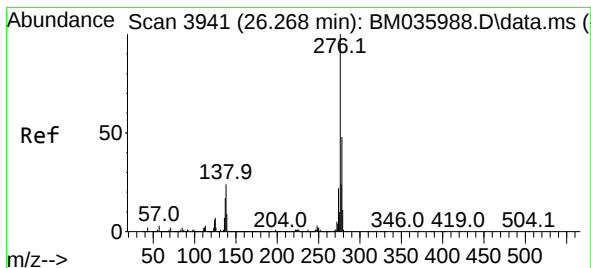
Tgt Ion:252 Resp: 3978399
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 11.2 10.7 16.1



#91
Benzo(k)fluoranthene
Concen: 46.236 ng/ul
RT: 23.074 min Scan# 3398
Delta R.T. -0.059 min
Lab File: BM036018.D
Acq: 30 Jul 2022 07:13

Tgt Ion:252 Resp: 3978399
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.0
125 11.2 10.6 15.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 47.520 ng/ul

RT: 26.262 min Scan# 3940

Delta R.T. -0.006 min

Lab File: BM036018.D

Acq: 30 Jul 2022 07:13

Instrument :

BNA_M

ClientSampleId :

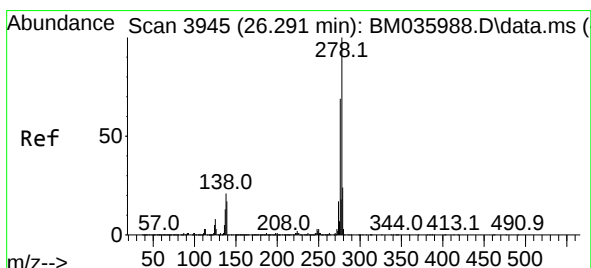
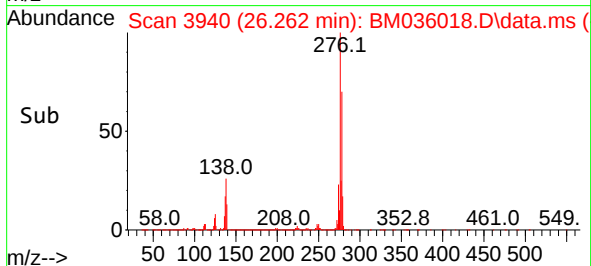
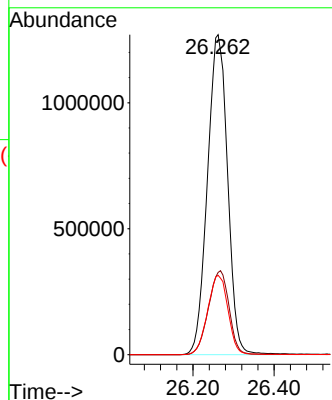
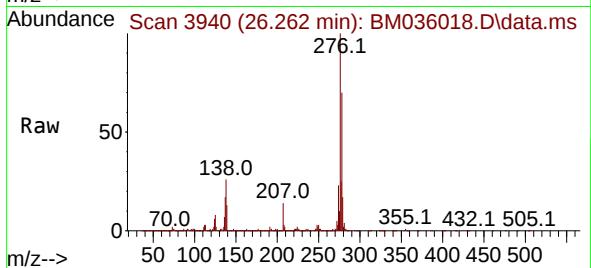
Tgt Ion:276 Resp: 4374632

Ion Ratio Lower Upper

276 100

138 25.7 25.6 38.4

277 24.8 20.1 30.1



#95

Dibenzo(a,h)anthracene

Concen: 47.376 ng/ul

RT: 26.279 min Scan# 3943

Delta R.T. -0.012 min

Lab File: BM036018.D

Acq: 30 Jul 2022 07:13

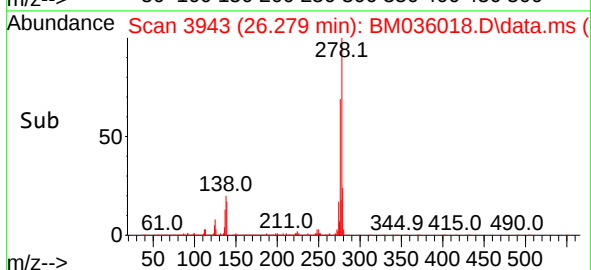
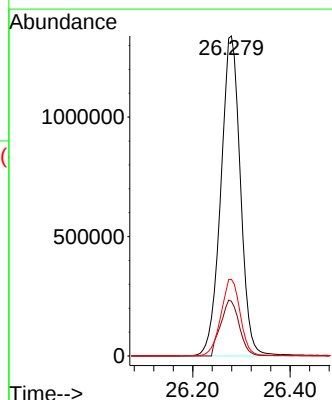
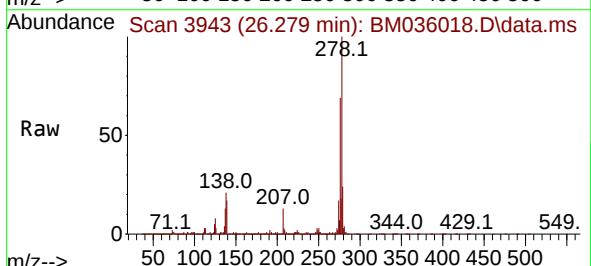
Tgt Ion:278 Resp: 3741829

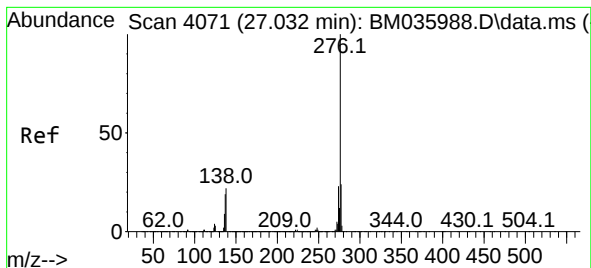
Ion Ratio Lower Upper

278 100

139 17.1 16.2 24.2

279 24.0 18.7 28.1





#96

Benzo(g,h,i)perylene

Concen: 48.531 ng/ul

RT: 27.021 min Scan# 40

Delta R.T. -0.012 min

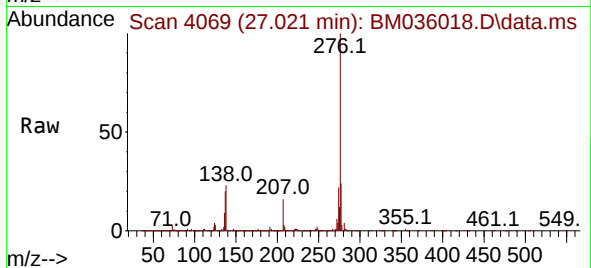
Lab File: BM036018.D

Acq: 30 Jul 2022 07:13

Instrument :

BNA_M

ClientSampleId :



Tgt Ion:276 Resp: 3702314

Ion Ratio Lower Upper

276 100

138 22.8 21.3 31.9

277 24.2 18.6 28.0

