

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072922\
 Data File : BM036000.D
 Acq On : 29 Jul 2022 19:43
 Operator : CG/JU
 Sample : N3890-03MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 30 00:24:38 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	290723	20.000	ng/u1	0.00
20) Naphthalene-d8	10.680	136	1171869	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.515	164	644702	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.256	188	1232099	20.000	ng/u1	0.00
79) Chrysene-d12	21.433	240	1194312	20.000	ng/u1	0.00
88) Perylene-d12	23.797	264	1203716	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	37749	4.886	ng/uL	0.00
4) Pyridine-d5	3.699	84	230188	10.875	ng/u1	0.00
7) Phenol-d5	7.039	99	146672	6.016	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	518341	31.893	ng/u1	0.00
11) 2-Chlorophenol-d4	7.404	132	503992	24.905	ng/u1	0.00
15) 4-Methylphenol-d8	8.592	113	268802	13.610	ng/u1	0.00
21) Nitrobenzene-d5	9.045	128	341574	36.784	ng/u1	0.00
24) 2-Nitrophenol-d4	9.769	143	323915	35.803	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.304	165	533590	32.610	ng/u1	0.00
31) 4-Chloroaniline-d4	10.822	131	757802	27.357	ng/u1	0.00
46) Dimethylphthalate-d6	13.933	166	1767069	40.238	ng/u1	0.00
49) Acenaphthylene-d8	14.210	160	2170362	38.734	ng/u1	0.00
54) 4-Nitrophenol-d4	14.715	143	56468	6.262	ng/u1	0.00
60) Fluorene-d10	15.504	176	1537688	38.748	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.627	200	244772	36.959	ng/u1	0.00
73) Anthracene-d10	17.351	188	2315017	41.559	ng/u1	0.00
81) Pyrene-d10	19.645	212	2669678	40.333	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.644	264	2640337	43.205	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.304	88	47312	5.909	ng/uL	94
5) Pyridine	3.716	79	254314	11.450	ng/u1	88
6) Benzaldehyde	7.016	77	550839	53.833	ng/u1	97
8) Phenol	7.069	94	159454	5.977	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.304	93	694750	32.390	ng/u1	96
12) 2-Chlorophenol	7.439	128	519870	25.043	ng/u1	97
13) 2-Methylphenol	8.328	108	344577	17.288	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.410	45	902172	31.865	ng/u1	97
16) Acetophenone	8.710	105	1003584	31.648	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.692	70	503142	31.817	ng/u1	94
18) 4-Methylphenol	8.657	108	302791	14.161	ng/u1	96
19) Hexachloroethane	8.957	117	268108	31.302	ng/u1	90
22) Nitrobenzene	9.086	77	745772	35.096	ng/u1	99
23) Isophorone	9.616	82	1369123	34.132	ng/u1	98
25) 2-Nitrophenol	9.798	139	348829	34.754	ng/u1	98
26) 2,4-Dimethylphenol	9.857	107	474995	23.160	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.098	93	872096	34.472	ng/u1	100
29) 2,4-Dichlorophenol	10.333	162	537063	31.623	ng/u1	98
30) Naphthalene	10.733	128	2128169	34.406	ng/u1	99
32) 4-Chloroaniline	10.851	127	773427	28.108	ng/u1	100
33) Hexachlorobutadiene	11.016	225	365715	34.882	ng/u1	99
34) Caprolactam	11.639	113	23776	4.236	ng/u1	85
35) 4-Chloro-3-methylphenol	11.969	107	487402	27.600	ng/u1	96
36) 2-Methylnaphthalene	12.345	142	1389263	34.329	ng/u1	99

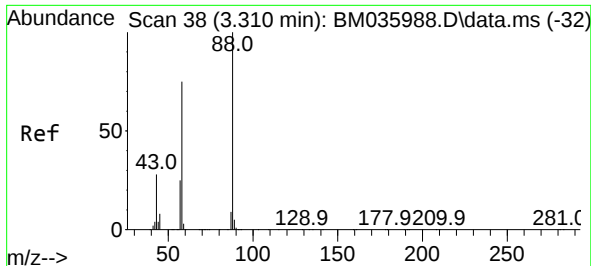
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.563	142	1392664	34.141	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.710	216	680853	37.100	ng/ul	99
40) Hexachlorocyclopentadiene	12.686	237	308163	25.213	ng/ul	99
41) 2,4,6-Trichlorophenol	12.951	196	443943	37.801	ng/ul	99
42) 2,4,5-Trichlorophenol	13.021	196	473290	37.769	ng/ul	100
43) 1,1'-Biphenyl	13.351	154	1824611	36.770	ng/ul	99
44) 2-Chloronaphthalene	13.392	162	1410680	37.043	ng/ul	99
45) 2-Nitroaniline	13.604	65	412319	39.272	ng/ul	98
47) Dimethylphthalate	13.980	163	1769559	40.059	ng/ul	100
48) 2,6-Dinitrotoluene	14.098	165	366807	41.825	ng/ul	94
50) Acenaphthylene	14.239	152	2316955	37.380	ng/ul	100
51) 3-Nitroaniline	14.427	138	376050	38.799	ng/ul	96
52) Acenaphthene	14.580	153	1501838	37.348	ng/ul	99
53) 2,4-Dinitrophenol	14.633	184	157915	31.713	ng/ul	97
55) 4-Nitrophenol	14.727	109	43781	6.348	ng/ul	83
56) Dibenzofuran	14.915	168	2131555	38.311	ng/ul	100
57) 2,4-Dinitrotoluene	14.880	165	508804	41.157	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.139	232	391888	39.803	ng/ul	96
59) Diethylphthalate	15.339	149	1855628	41.530	ng/ul	99
61) Fluorene	15.562	166	1745008	38.394	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.557	204	847281	38.908	ng/ul	97
63) 4-Nitroaniline	15.586	138	396294	44.413	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.639	198	245269	37.010	ng/ul	96
67) N-Nitrosodiphenylamine	15.768	169	1463050	40.391	ng/ul	99
68) 4-Bromophenyl-phenylether	16.451	248	513752	42.533	ng/ul	98
69) Hexachlorobenzene	16.557	284	611899	41.576	ng/ul	98
70) Atrazine	16.721	200	506448	40.311	ng/ul	99
71) Pentachlorophenol	16.904	266	341349	37.965	ng/ul	98
72) Phenanthrene	17.298	178	2712719	41.079	ng/ul	98
74) Anthracene	17.386	178	2712649	40.937	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.316	216	686177	35.813	ng/ul	99
76) Pentachlorobenzene	14.827	250	709873	40.872	ng/ul	99
77) Carbazole	17.656	167	2539205	41.489	ng/ul	99
78) Di-n-butylphthalate	18.227	149	3211180	46.504	ng/ul	99
80) Fluoranthene	19.309	202	3146996	39.793	ng/ul	98
82) Pyrene	19.674	202	3236905	39.710	ng/ul	96
83) Butylbenzylphthalate	20.574	149	1366937	46.107	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.350	252	1038421	47.117	ng/ul	99
85) Benzo(a)anthracene	21.415	228	3155086	41.972	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.350	149	2066867	48.249	ng/ul	99
87) Chrysene	21.468	228	3075609	41.933	ng/ul	99
89) Di-n-octyl phthalate	22.262	149	3418385	43.976	ng/ul	100
90) Benzo(b)fluoranthene	23.127	252	3057761	38.063	ng/ul	97
91) Benzo(k)fluoranthene	23.127	252	3057761	40.111	ng/ul	97
93) Benzo(a)pyrene	23.697	252	3244170	42.398	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.268	276	3788293	46.448	ng/ul	94
95) Dibenzo(a,h)anthracene	26.285	278	3250837	46.459	ng/ul	96
96) Benzo(g,h,i)perylene	27.026	276	3190352	47.203	ng/ul	95

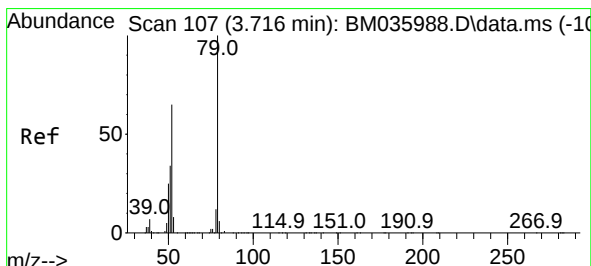
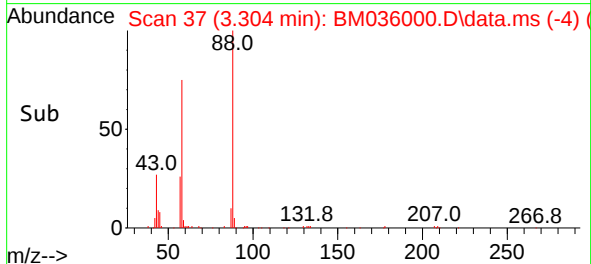
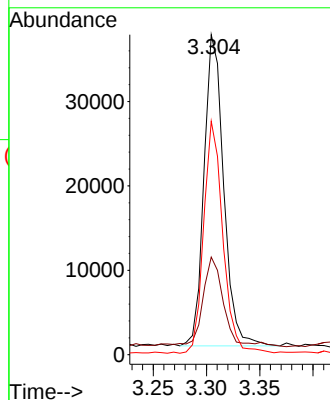
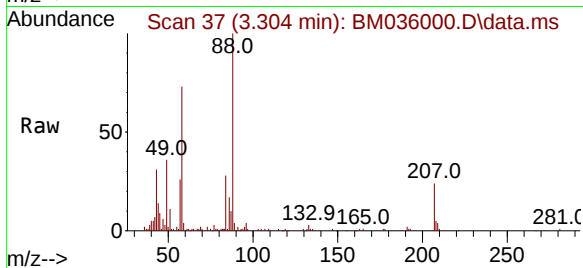
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#2
1,4-Dioxane
Concen: 5.909 ng/uL
RT: 3.304 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM036000.D
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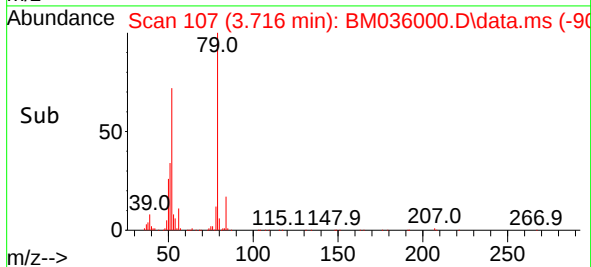
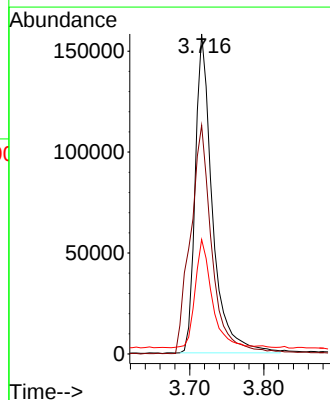
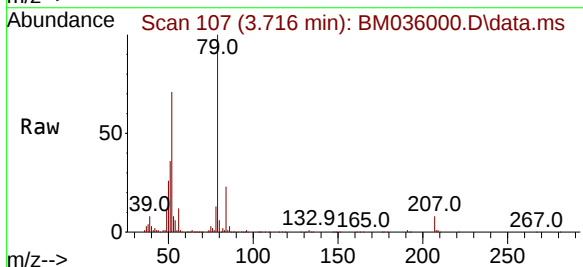
Instrument :
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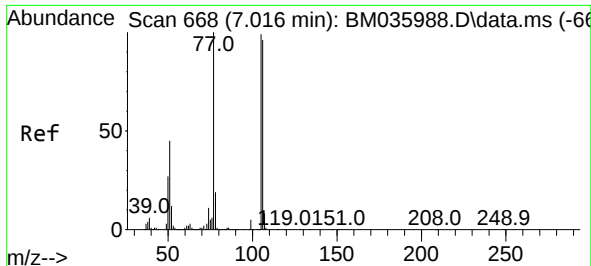
Tgt Ion: 88 Resp: 47312
Ion Ratio Lower Upper
88 100
43 30.5 27.8 41.8
58 73.0 61.8 92.8



#5
Pyridine
Concen: 11.450 ng/uL
RT: 3.716 min Scan# 107
Delta R.T. -0.000 min
Lab File: BM036000.D
Acq: 29 Jul 2022 19:43

Tgt Ion: 79 Resp: 254314
Ion Ratio Lower Upper
79 100
52 71.4 67.8 101.6
51 35.8 31.4 47.0

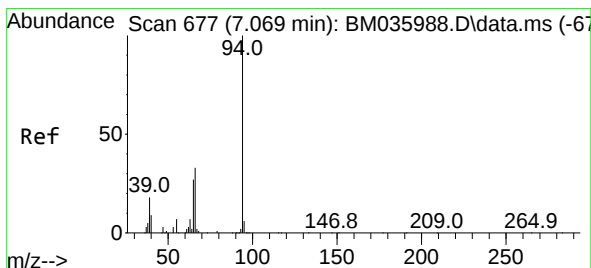
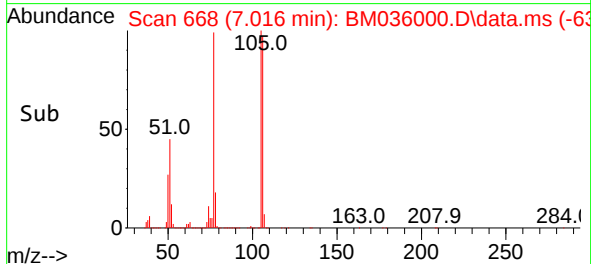
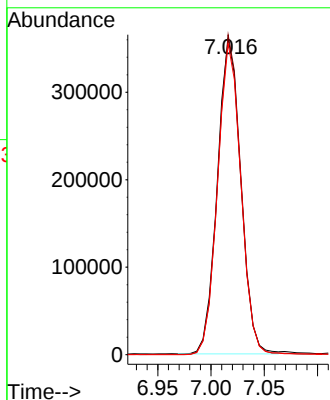
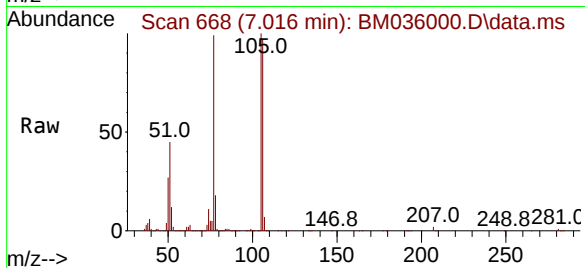




#6
Benzaldehyde
Concen: 53.833 ng/ul
RT: 7.016 min Scan# 668
Delta R.T. -0.000 min
Lab File: BM036000.D
Acq: 29 Jul 2022 19:43

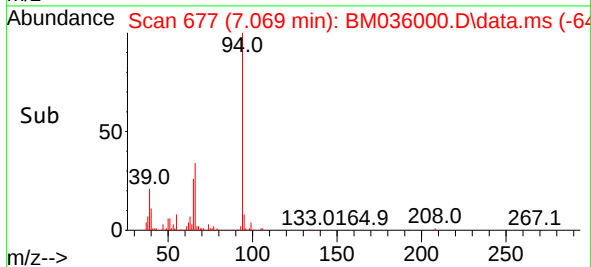
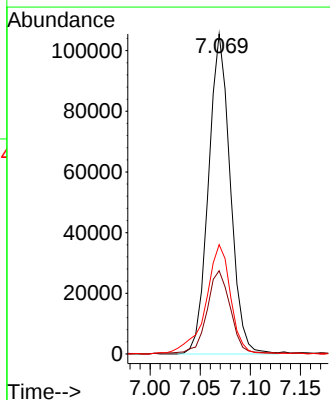
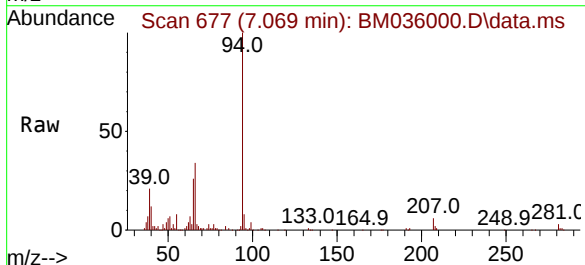
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ClientSampleId :

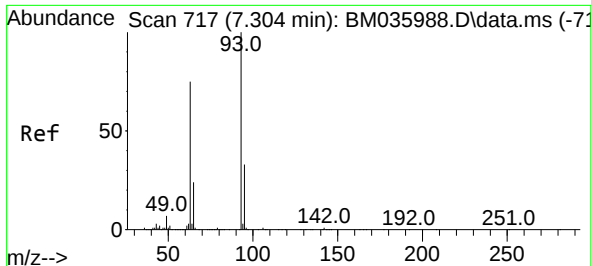
Tgt Ion: 77 Resp: 550839
Ion Ratio Lower Upper
77 100
105 101.2 84.6 127.0
106 98.3 80.3 120.5



#8
Phenol
Concen: 5.977 ng/ul
RT: 7.069 min Scan# 677
Delta R.T. -0.000 min
Lab File: BM036000.D
Acq: 29 Jul 2022 19:43

Tgt Ion: 94 Resp: 159454
Ion Ratio Lower Upper
94 100
65 26.0 21.3 31.9
66 34.2 27.4 41.0



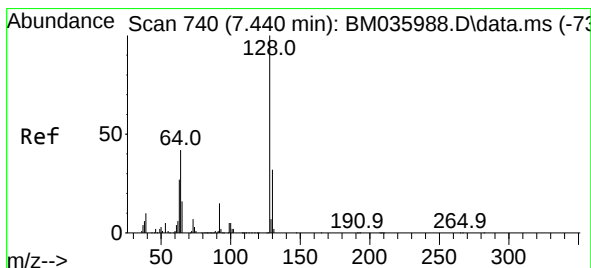
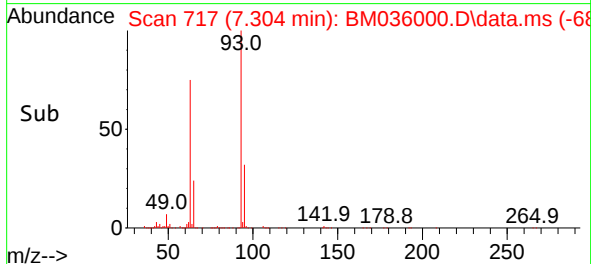
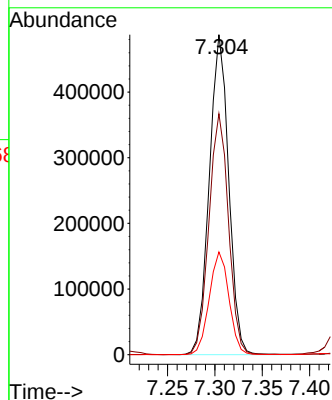
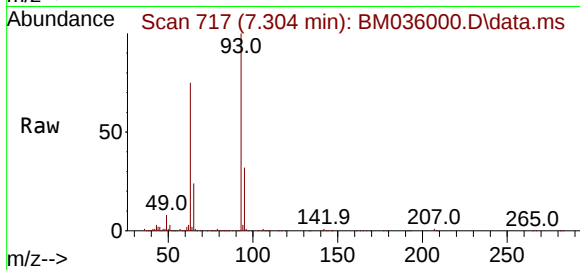


#10
 Bis(2-Chloroethyl)ether
 Concen: 32.390 ng/ul
 RT: 7.304 min Scan# 717
 Delta R.T. -0.000 min
 Lab File: BM036000.D
 Acq: 29 Jul 2022 19:43

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion: 93 Resp: 694750

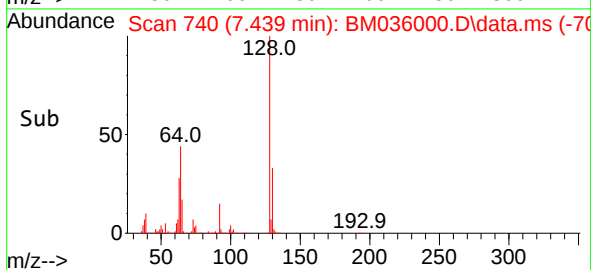
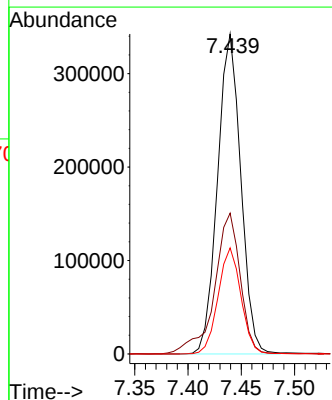
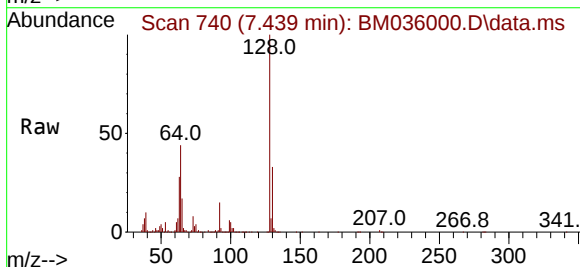
Ion	Ratio	Lower	Upper
93	100		
63	75.3	64.0	96.0
95	32.1	25.8	38.6

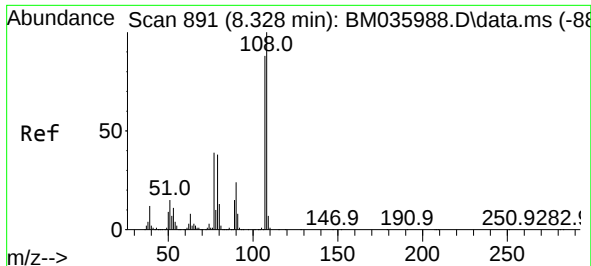


#12
 2-Chlorophenol
 Concen: 25.043 ng/ul
 RT: 7.439 min Scan# 740
 Delta R.T. -0.000 min
 Lab File: BM036000.D
 Acq: 29 Jul 2022 19:43

Tgt Ion: 128 Resp: 519870

Ion	Ratio	Lower	Upper
128	100		
64	44.0	36.9	55.3
130	33.1	25.6	38.4

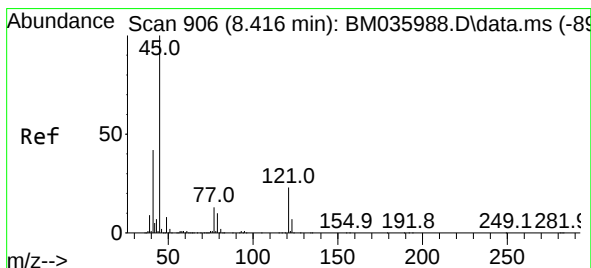
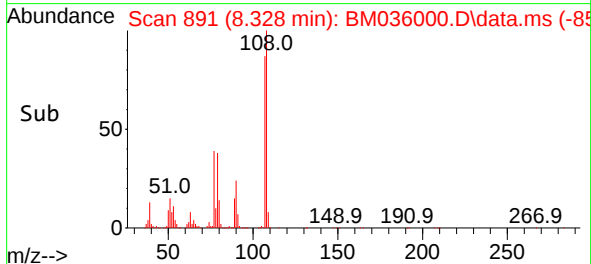
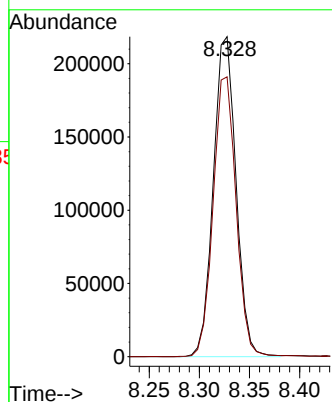
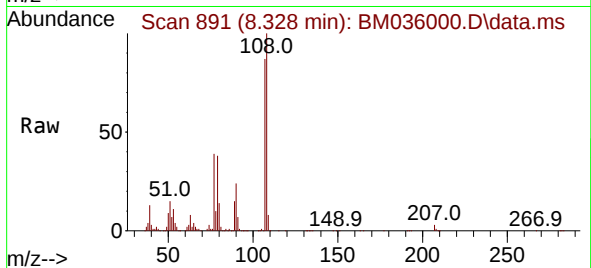




#13
2-Methylphenol
Concen: 17.288 ng/ul
RT: 8.328 min Scan# 891
Delta R.T. -0.000 min
Lab File: BM036000.D
Acq: 29 Jul 2022 19:43

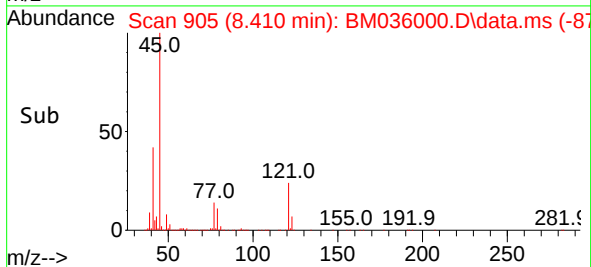
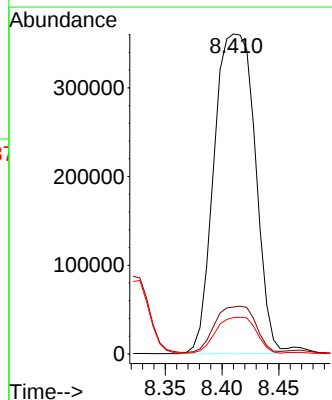
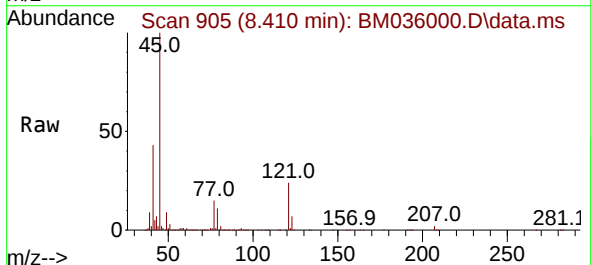
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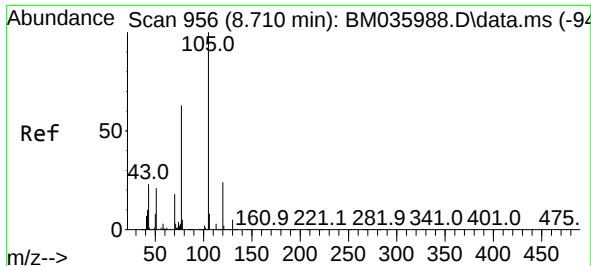
Tgt Ion:108 Resp: 344577
Ion Ratio Lower Upper
108 100
107 87.5 75.0 112.4



#14
2,2'-oxybis(1-Chloropropane)
Concen: 31.865 ng/ul
RT: 8.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BM036000.D
Acq: 29 Jul 2022 19:43

Tgt Ion: 45 Resp: 902172
Ion Ratio Lower Upper
45 100
77 14.6 10.6 15.8
79 11.4 8.3 12.5

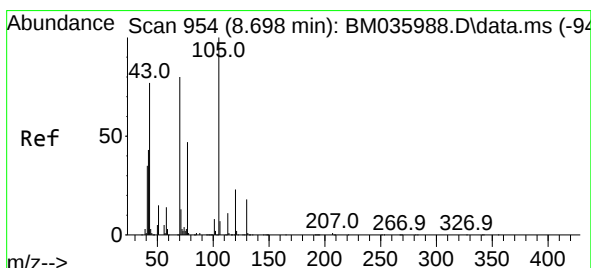
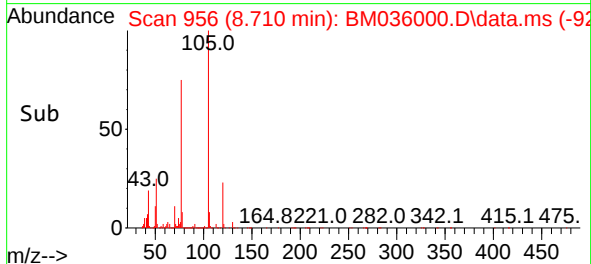
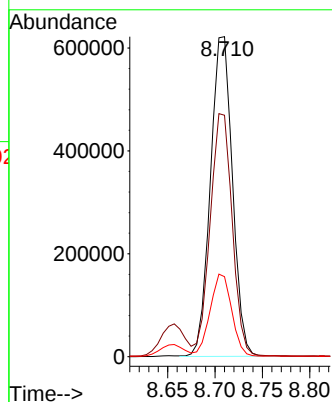
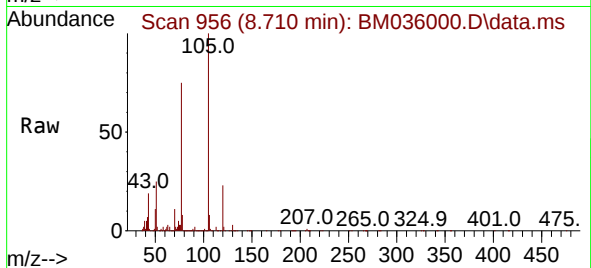




#16
Acetophenone
Concen: 31.648 ng/ul
RT: 8.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM036000.D
Acq: 29 Jul 2022 19:43

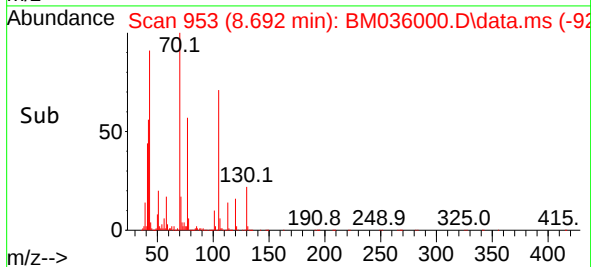
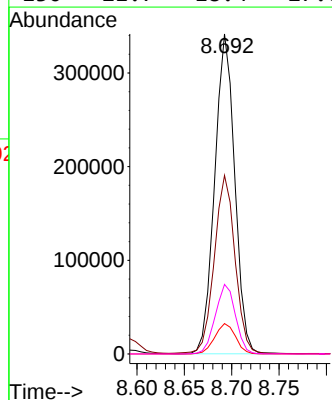
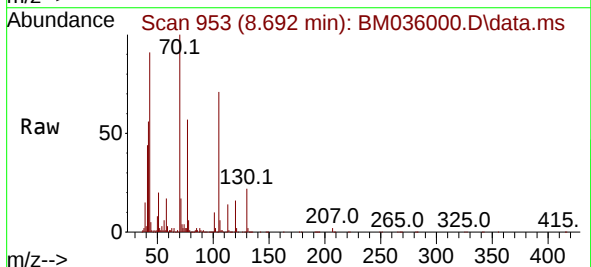
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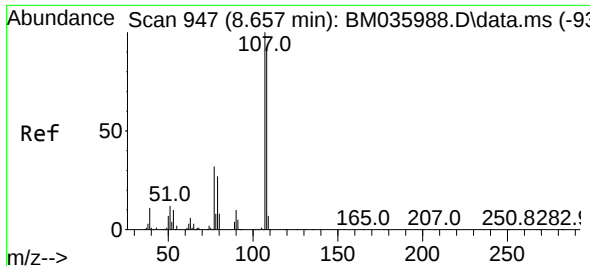
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Ion Ratio Lower Upper
105 100
77 75.4 59.8 89.6
51 25.0 22.1 33.1



#17
N-Nitroso-di-n-propylamine
Concen: 31.817 ng/ul
RT: 8.692 min Scan# 953
Delta R.T. -0.006 min
Lab File: BM036000.D
Acq: 29 Jul 2022 19:43

Tgt Ion: 70 Resp: 503142
Ion Ratio Lower Upper
70 100
42 55.8 49.6 74.4
101 9.5 8.1 12.1
130 21.7 18.4 27.6

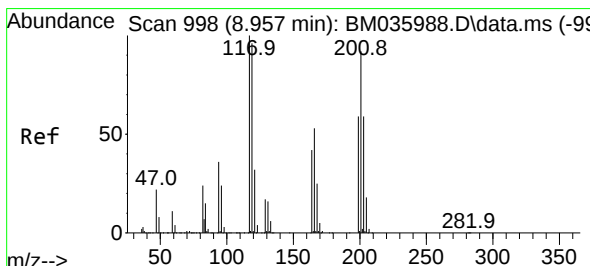
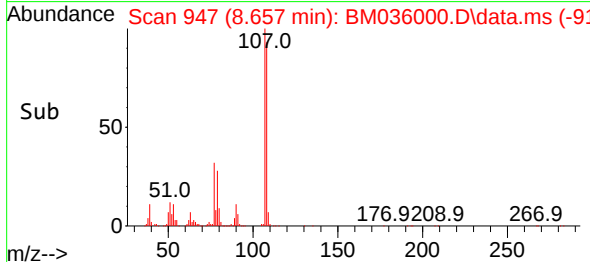
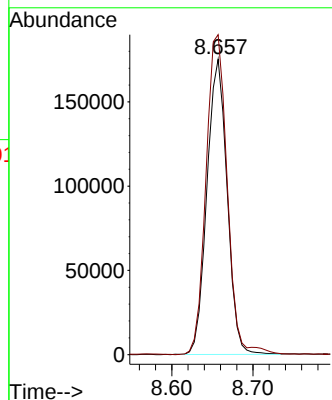
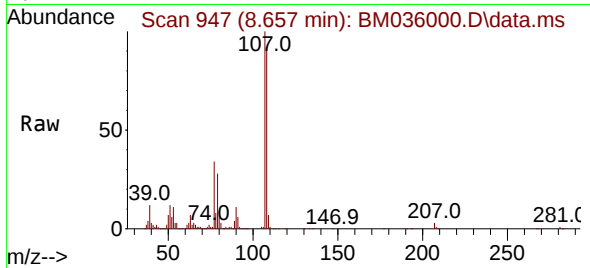




#18
4-Methylphenol
Concen: 14.161 ng/ul
RT: 8.657 min Scan# 947
Delta R.T. -0.000 min
Lab File: BM036000.D
Acq: 29 Jul 2022 19:43

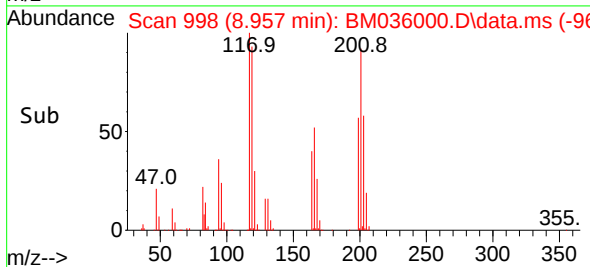
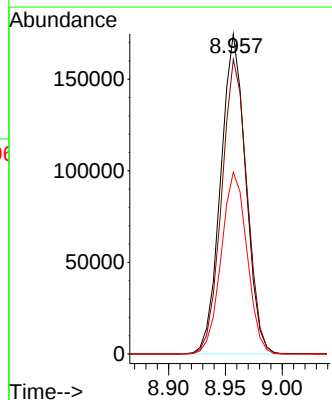
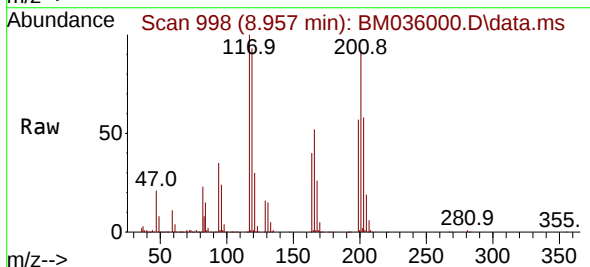
Instrument :
BNA_M
ClientSampleId :

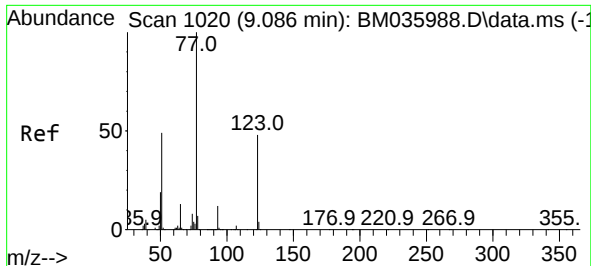
Tgt Ion:108 Resp: 302791
Ion Ratio Lower Upper
108 100
107 108.3 90.3 135.5



#19
Hexachloroethane
Concen: 31.302 ng/ul
RT: 8.957 min Scan# 998
Delta R.T. -0.000 min
Lab File: BM036000.D
Acq: 29 Jul 2022 19:43

Tgt Ion:117 Resp: 268108
Ion Ratio Lower Upper
117 100
201 92.1 81.8 122.6
199 56.8 51.6 77.4

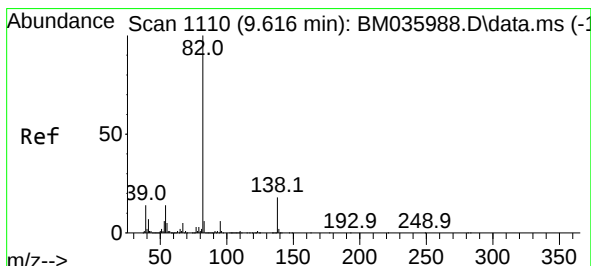
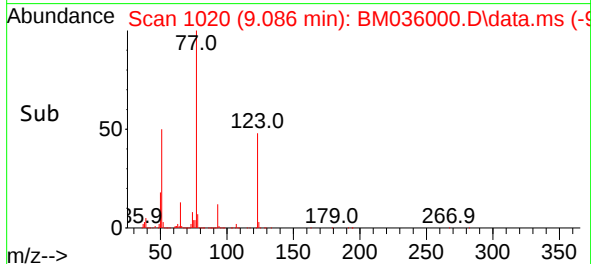
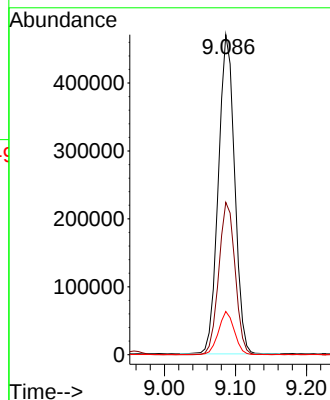
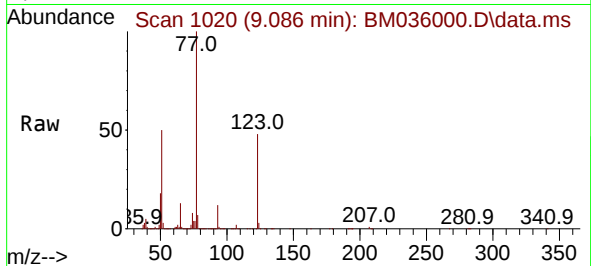




#22
Nitrobenzene
Concen: 35.096 ng/ul
RT: 9.086 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BM036000.D
Acq: 29 Jul 2022 19:43

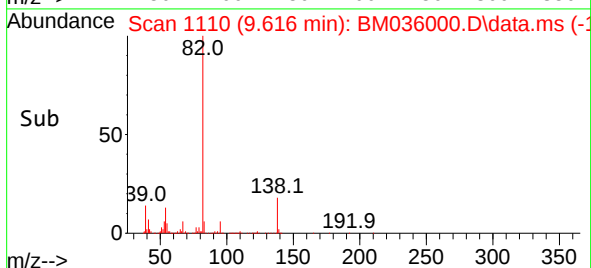
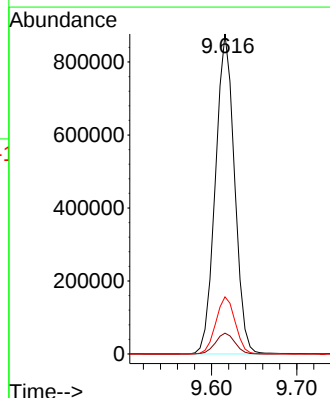
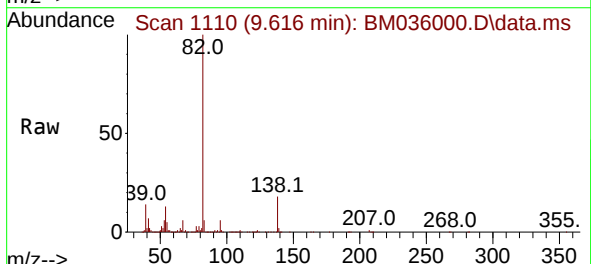
Instrument :
BNA_M
ClientSampleId :

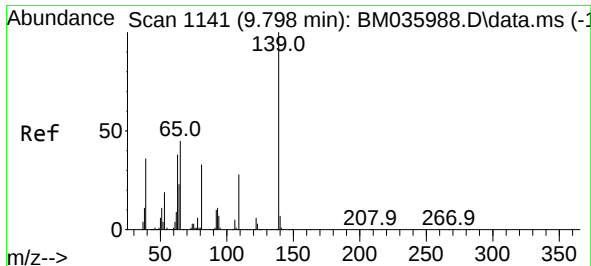
Tgt Ion: 77 Resp: 745772
Ion Ratio Lower Upper
77 100
123 47.6 37.4 56.0
65 13.5 10.8 16.2



#23
Isophorone
Concen: 34.132 ng/ul
RT: 9.616 min Scan# 1110
Delta R.T. -0.000 min
Lab File: BM036000.D
Acq: 29 Jul 2022 19:43

Tgt Ion: 82 Resp: 1369123
Ion Ratio Lower Upper
82 100
95 6.5 5.5 8.3
138 17.8 15.3 22.9

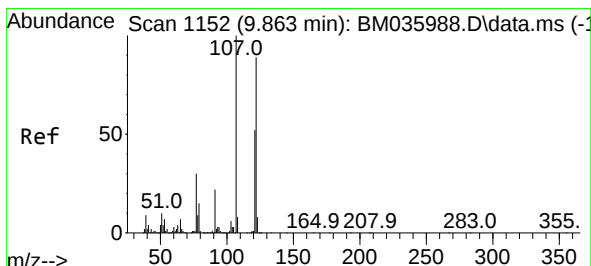
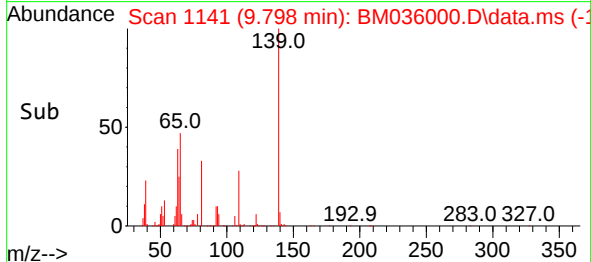
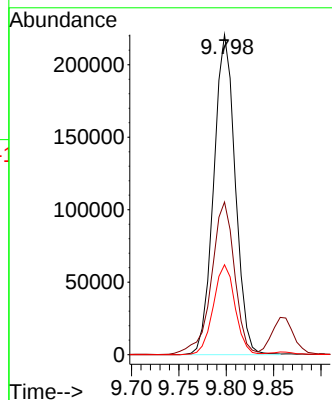
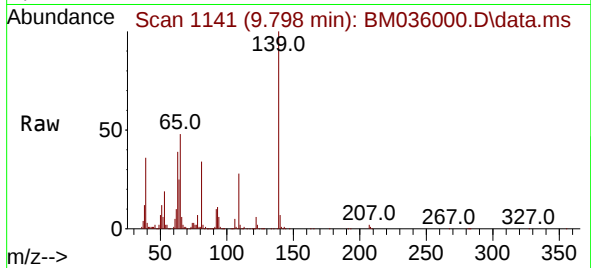




#25
2-Nitrophenol
Concen: 34.754 ng/ul
RT: 9.798 min Scan# 1141
Delta R.T. -0.000 min
Lab File: BM036000.D
Acq: 29 Jul 2022 19:43

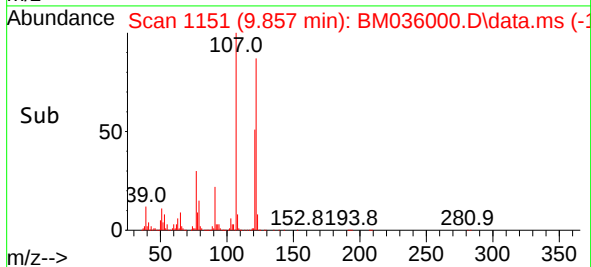
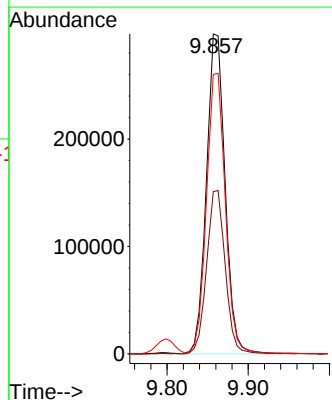
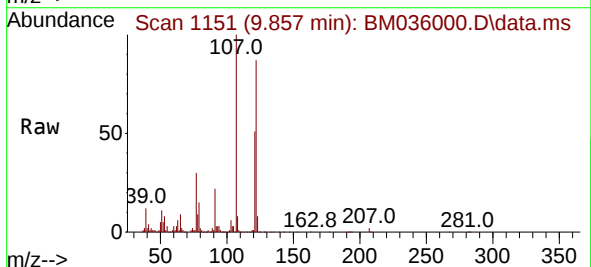
Instrument :
BNA_M
ClientSampleId :

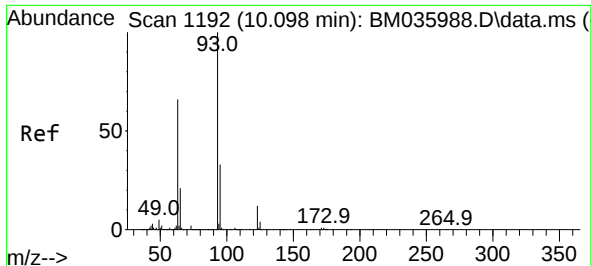
Tgt Ion:139 Resp: 348829
Ion Ratio Lower Upper
139 100
65 47.7 39.8 59.6
109 28.1 22.2 33.4



#26
2,4-Dimethylphenol
Concen: 23.160 ng/ul
RT: 9.857 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BM036000.D
Acq: 29 Jul 2022 19:43

Tgt Ion:107 Resp: 474995
Ion Ratio Lower Upper
107 100
121 50.8 42.7 64.1
122 87.4 71.5 107.3





#27

Bis(2-Chloroethoxy)methane

Concen: 34.472 ng/ul

RT: 10.098 min Scan# 1192

Delta R.T. -0.000 min

Lab File: BM036000.D

Acq: 29 Jul 2022 19:43

Instrument :

BNA_M

ClientSampleId :

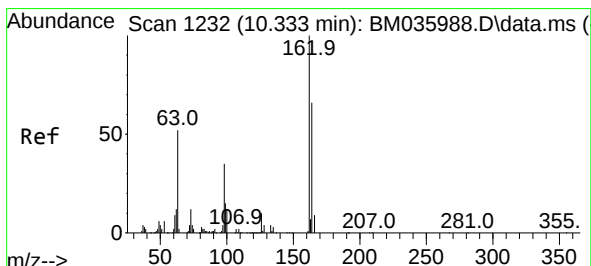
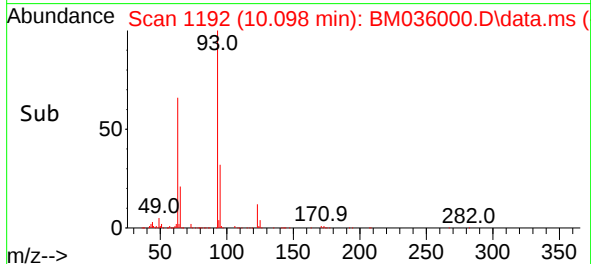
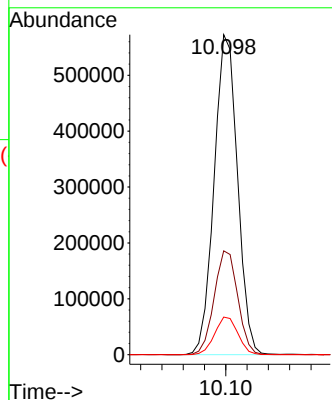
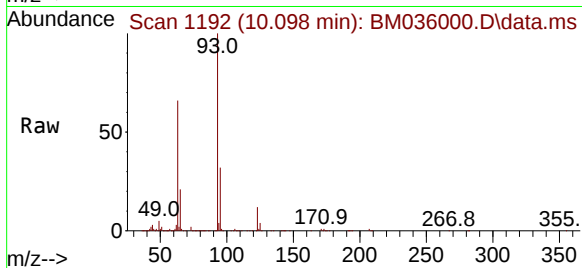
Tgt Ion: 93 Resp: 872096

Ion Ratio Lower Upper

93 100

95 32.5 26.1 39.1

123 11.7 9.4 14.0



#29

2,4-Dichlorophenol

Concen: 31.623 ng/ul

RT: 10.333 min Scan# 1232

Delta R.T. -0.000 min

Lab File: BM036000.D

Acq: 29 Jul 2022 19:43

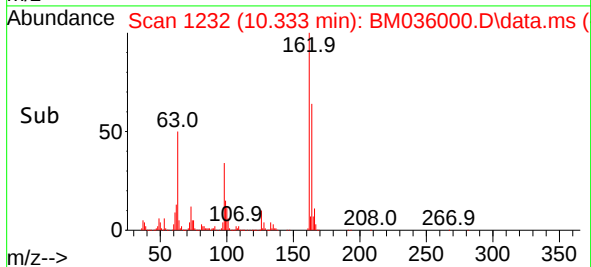
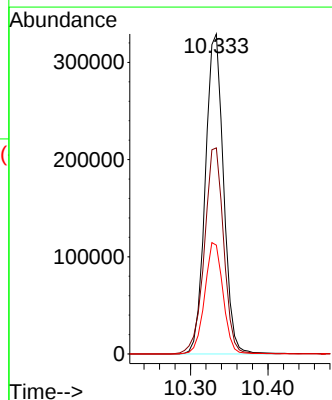
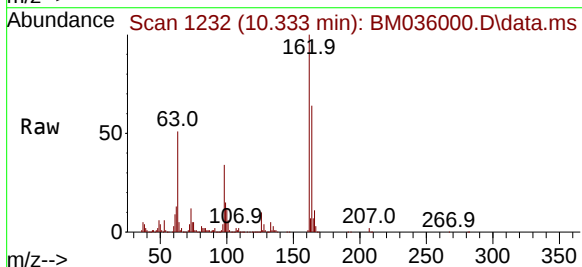
Tgt Ion:162 Resp: 537063

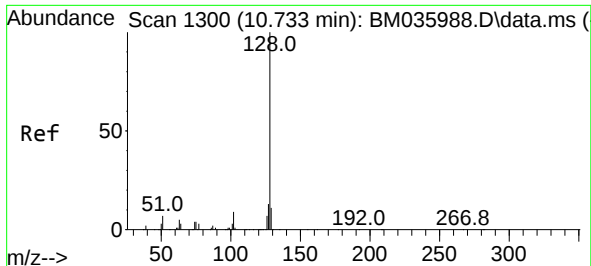
Ion Ratio Lower Upper

162 100

164 64.4 51.8 77.6

98 34.0 29.5 44.3

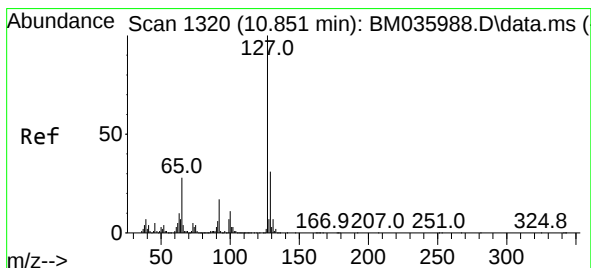
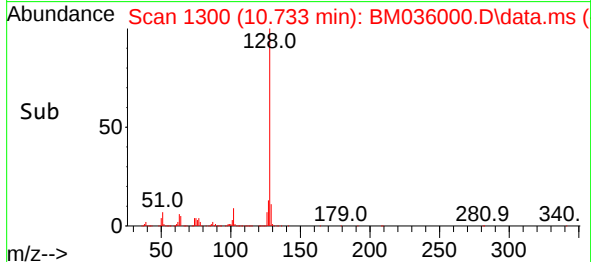
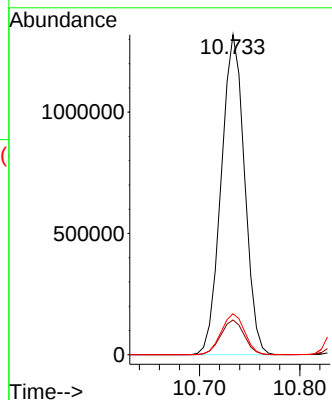
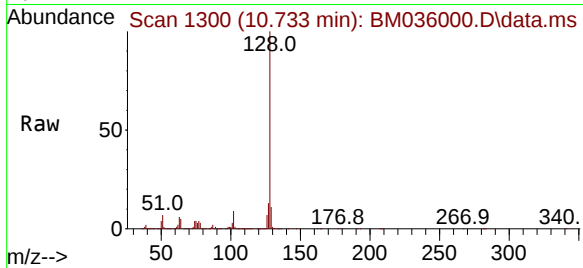




#30
Naphthalene
Concen: 34.406 ng/ul
RT: 10.733 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM036000.D
Acq: 29 Jul 2022 19:43

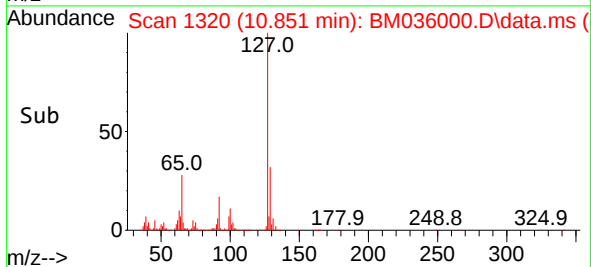
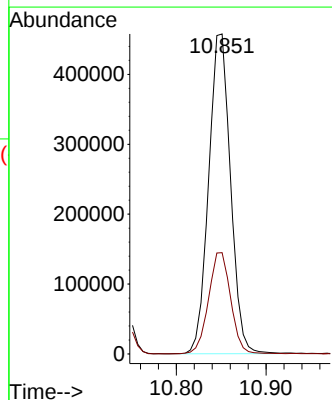
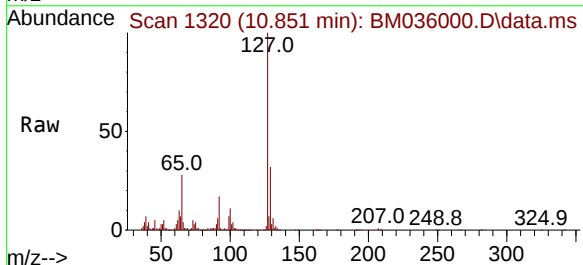
Instrument :
BNA_M
ClientSampleId :

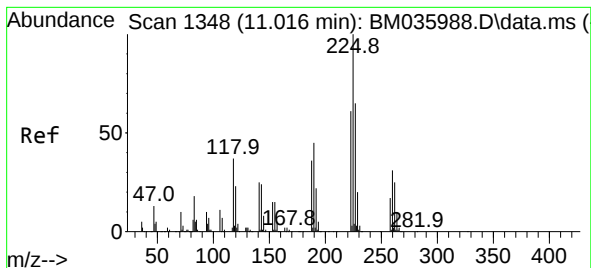
Tgt Ion:128 Resp: 2128169
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 12.8 10.6 16.0



#32
4-Chloroaniline
Concen: 28.108 ng/ul
RT: 10.851 min Scan# 1320
Delta R.T. -0.000 min
Lab File: BM036000.D
Acq: 29 Jul 2022 19:43

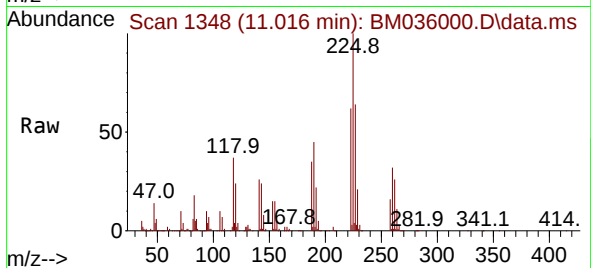
Tgt Ion:127 Resp: 773427
Ion Ratio Lower Upper
127 100
129 31.7 25.3 37.9



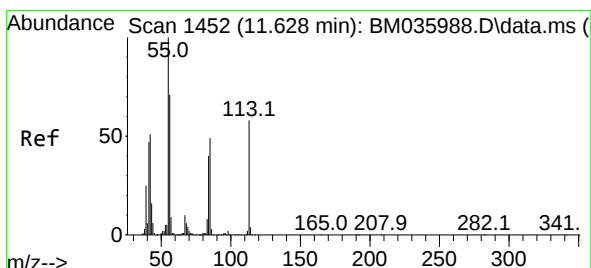
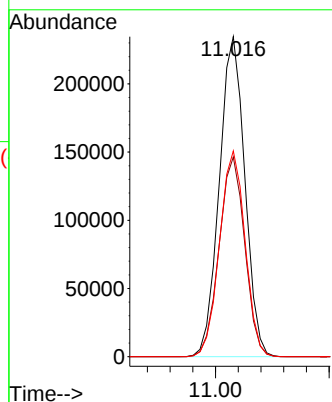
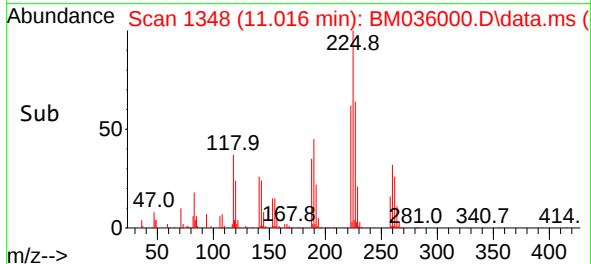


#33
Hexachlorobutadiene
Concen: 34.882 ng/ul
RT: 11.016 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM036000.D
Acq: 29 Jul 2022 19:43

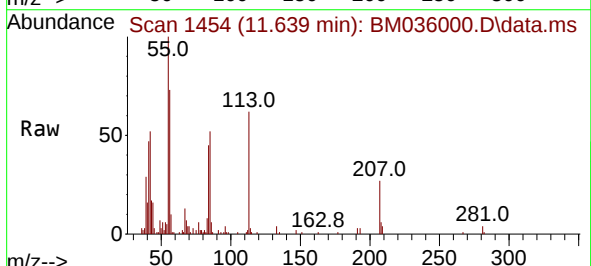
Instrument :
BNA_M
ClientSampleId :



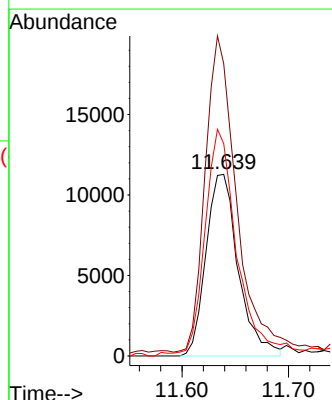
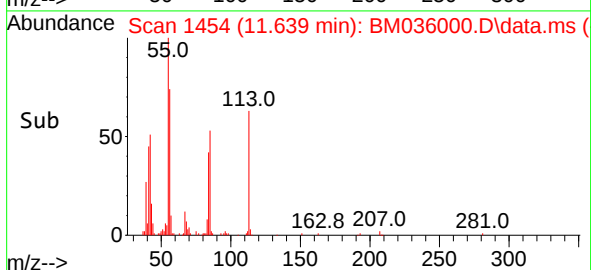
Tgt Ion:225 Resp: 365715
Ion Ratio Lower Upper
225 100
223 62.4 50.0 75.0
227 64.3 49.9 74.9

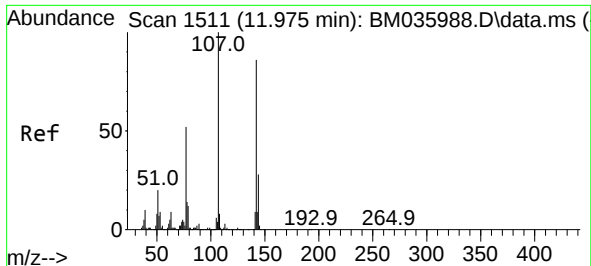


#34
Caprolactam
Concen: 4.236 ng/ul
RT: 11.639 min Scan# 1454
Delta R.T. 0.012 min
Lab File: BM036000.D
Acq: 29 Jul 2022 19:43



Tgt Ion:113 Resp: 23776
Ion Ratio Lower Upper
113 100
55 161.0 150.2 225.4
56 116.9 102.1 153.1

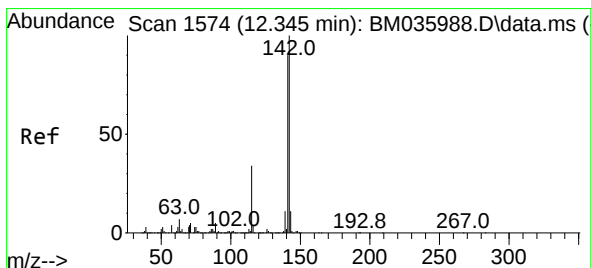
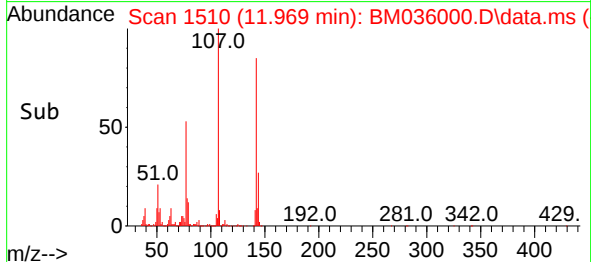
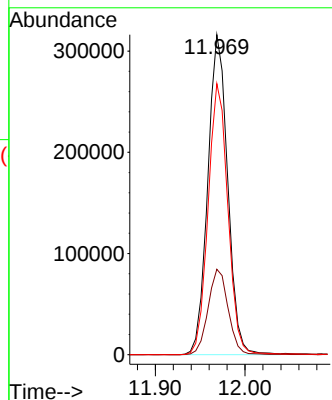
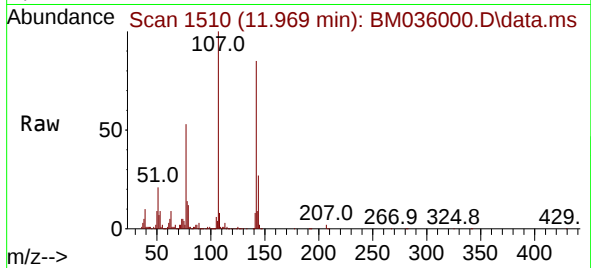




#35
4-Chloro-3-methylphenol
Concen: 27.600 ng/ul
RT: 11.969 min Scan# 1510
Delta R.T. -0.006 min
Lab File: BM036000.D
Acq: 29 Jul 2022 19:43

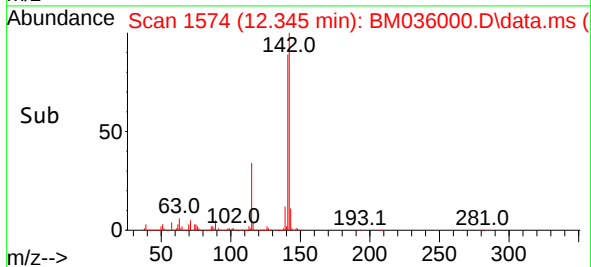
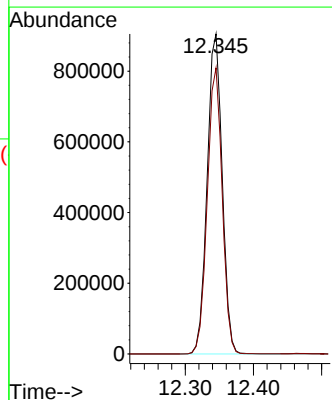
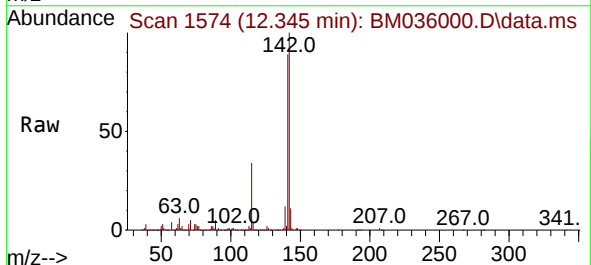
Instrument :
BNA_M
ClientSampleId :

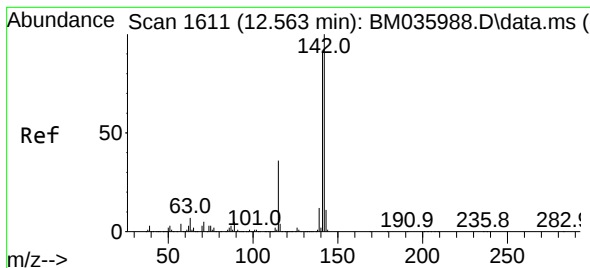
Tgt Ion:107 Resp: 487402
Ion Ratio Lower Upper
107 100
144 26.7 20.3 30.5
142 84.7 64.4 96.6



#36
2-Methylnaphthalene
Concen: 34.329 ng/ul
RT: 12.345 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BM036000.D
Acq: 29 Jul 2022 19:43

Tgt Ion:142 Resp: 1389263
Ion Ratio Lower Upper
142 100
141 89.4 70.7 106.1





#37

1-Methylnaphthalene

Concen: 34.141 ng/ul

RT: 12.563 min Scan# 1

Delta R.T. -0.000 min

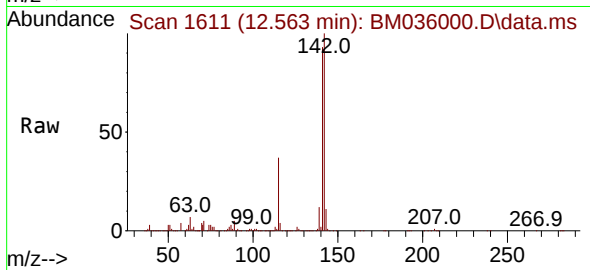
Lab File: BM036000.D

Acq: 29 Jul 2022 19:43

Instrument :

BNA_M

ClientSampleId :



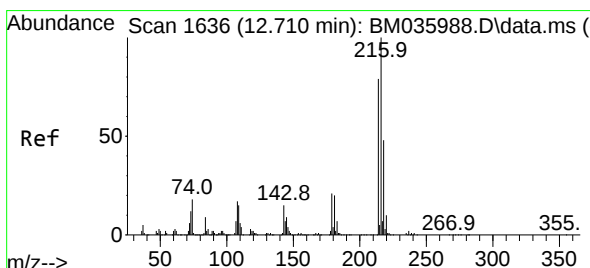
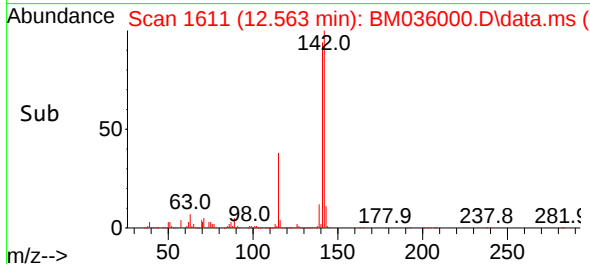
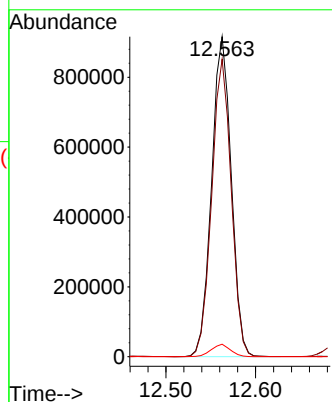
Tgt Ion:142 Resp: 1392664

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: 37.100 ng/ul

RT: 12.710 min Scan# 1636

Delta R.T. -0.000 min

Lab File: BM036000.D

Acq: 29 Jul 2022 19:43

Tgt Ion:216 Resp: 680853

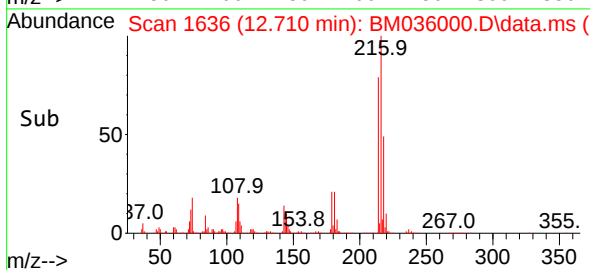
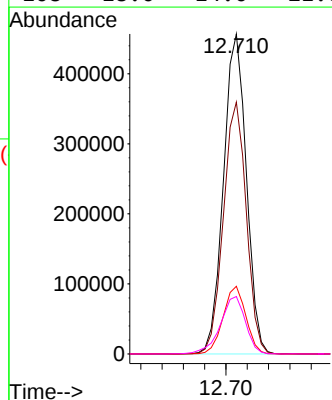
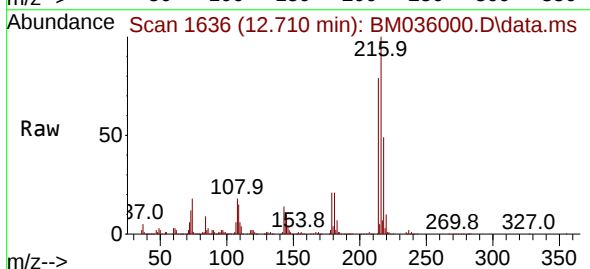
Ion Ratio Lower Upper

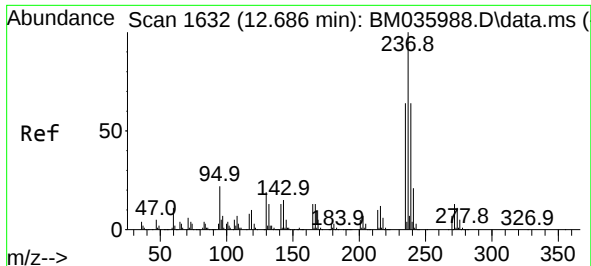
216 100

214 78.7 62.4 93.6

179 21.2 17.3 25.9

108 18.0 14.0 21.0

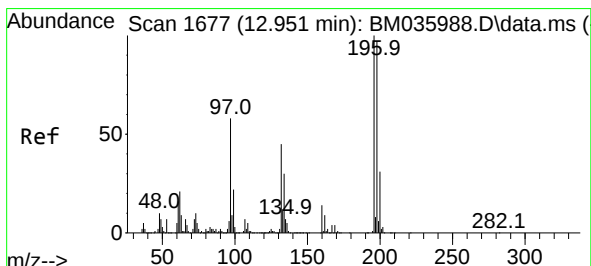
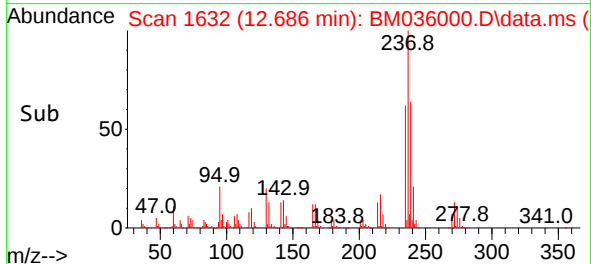
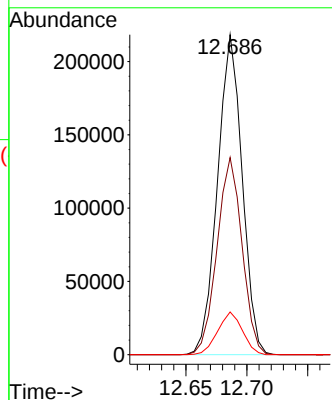
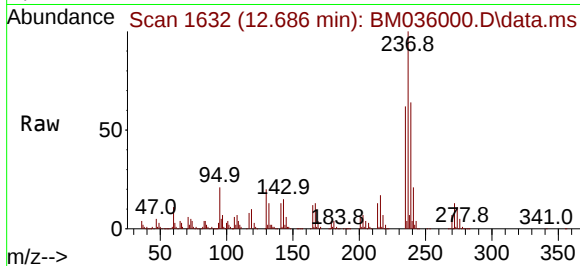




#40
Hexachlorocyclopentadiene
Concen: 25.213 ng/ul
RT: 12.686 min Scan# 1632
Delta R.T. -0.000 min
Lab File: BM036000.D
Acq: 29 Jul 2022 19:43

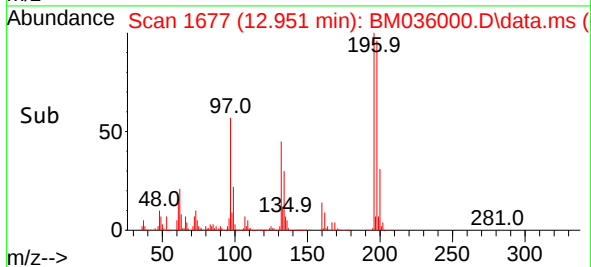
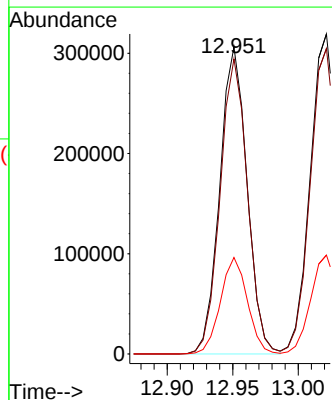
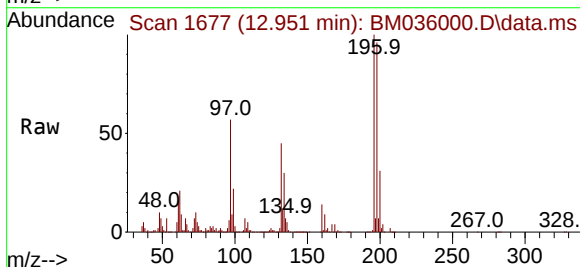
Instrument :
BNA_M
ClientSampleId :

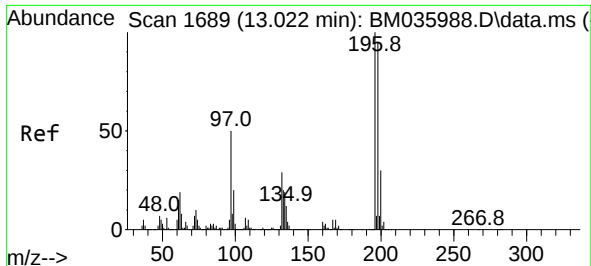
Tgt Ion:237 Resp: 308163
Ion Ratio Lower Upper
237 100
235 61.6 48.4 72.6
272 14.2 11.6 17.4



#41
2,4,6-Trichlorophenol
Concen: 37.801 ng/ul
RT: 12.951 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BM036000.D
Acq: 29 Jul 2022 19:43

Tgt Ion:196 Resp: 443943
Ion Ratio Lower Upper
196 100
198 96.1 77.8 116.6
200 31.4 25.0 37.6

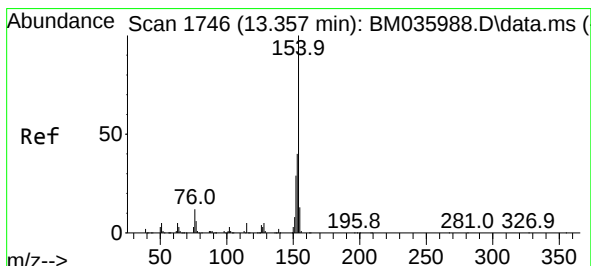
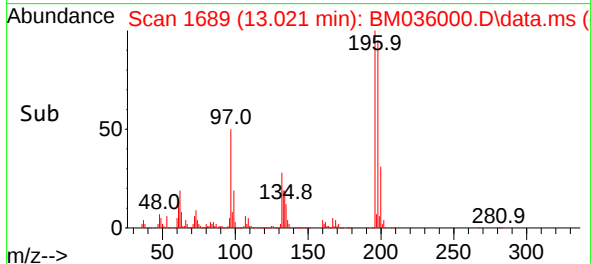
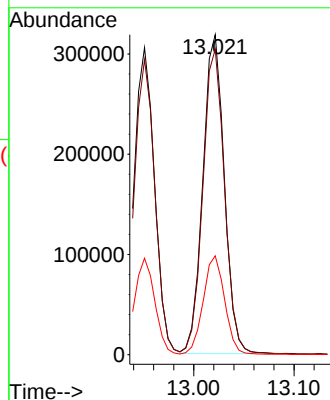
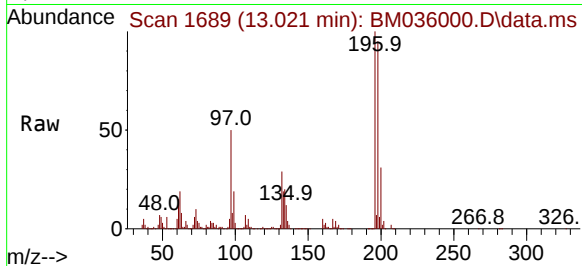




#42
2,4,5-Trichlorophenol
Concen: 37.769 ng/ul
RT: 13.021 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM036000.D
Acq: 29 Jul 2022 19:43

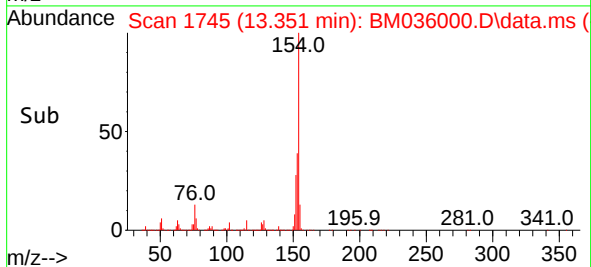
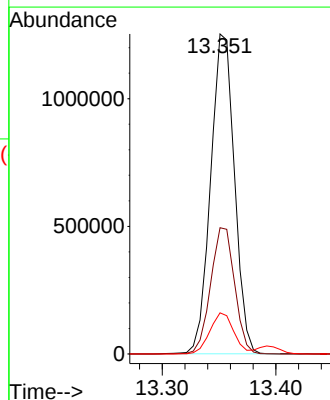
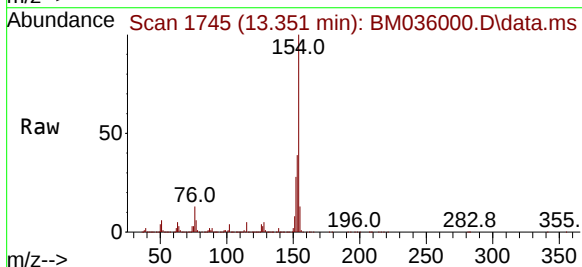
Instrument :
BNA_M
ClientSampleId :

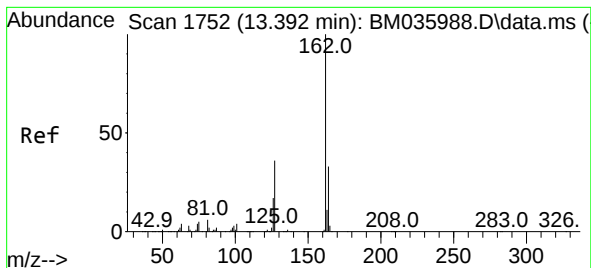
Tgt Ion:196 Resp: 473290
Ion Ratio Lower Upper
196 100
198 95.5 76.8 115.2
200 30.9 24.9 37.3



#43
1,1'-Biphenyl
Concen: 36.770 ng/ul
RT: 13.351 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BM036000.D
Acq: 29 Jul 2022 19:43

Tgt Ion:154 Resp: 1824611
Ion Ratio Lower Upper
154 100
153 39.4 32.4 48.6
76 12.8 10.1 15.1





#44

2-Chloronaphthalene

Concen: 37.043 ng/ul

RT: 13.392 min Scan# 1

Delta R.T. -0.000 min

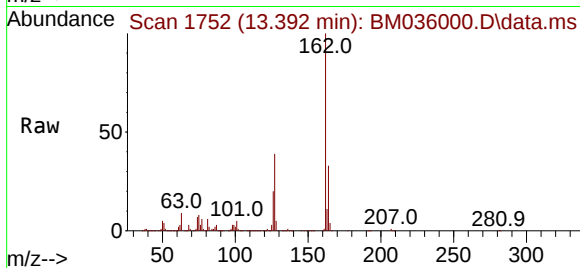
Lab File: BM036000.D

Acq: 29 Jul 2022 19:43

Instrument :

BNA_M

ClientSampleId :



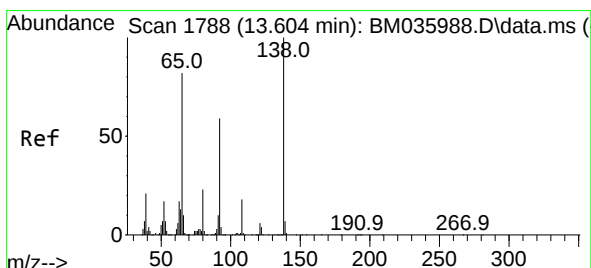
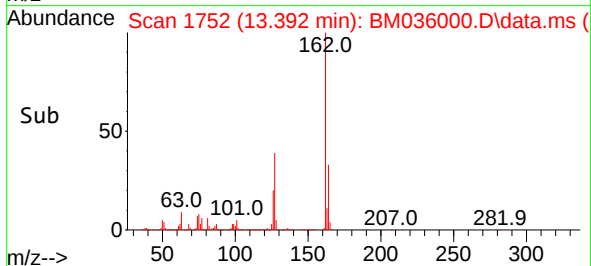
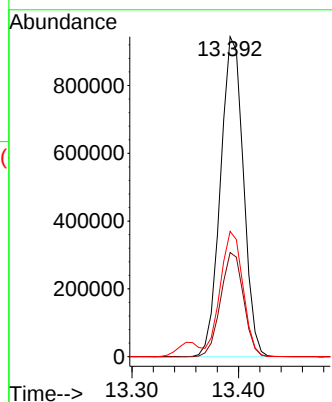
Tgt Ion:162 Resp: 1410680

Ion Ratio Lower Upper

162 100

164 32.6 25.4 38.0

127 39.1 31.6 47.4



#45

2-Nitroaniline

Concen: 39.272 ng/ul

RT: 13.604 min Scan# 1788

Delta R.T. -0.000 min

Lab File: BM036000.D

Acq: 29 Jul 2022 19:43

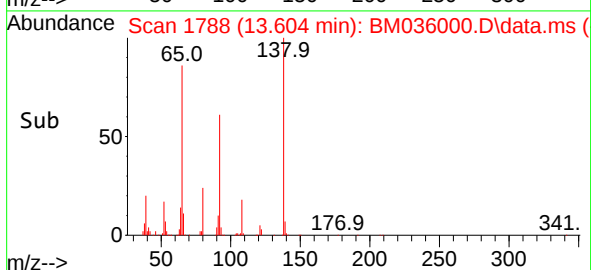
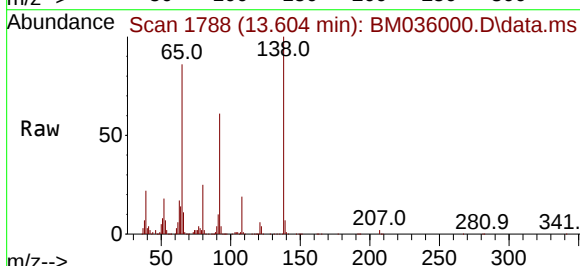
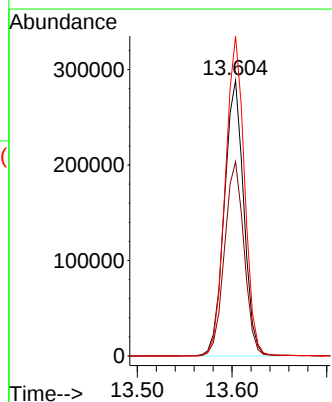
Tgt Ion: 65 Resp: 412319

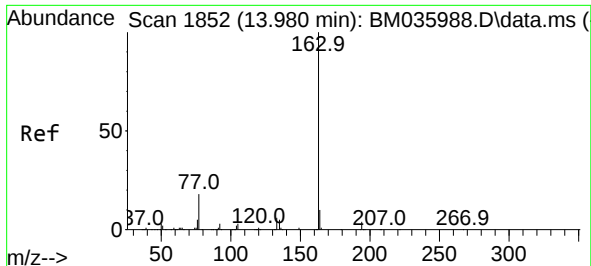
Ion Ratio Lower Upper

65 100

92 70.5 54.5 81.7

138 116.1 91.2 136.8





#47

Dimethylphthalate

Concen: 40.059 ng/ul

RT: 13.980 min Scan# 1852

Delta R.T. -0.000 min

Lab File: BM036000.D

Acq: 29 Jul 2022 19:43

Instrument :

BNA_M

ClientSampleId :

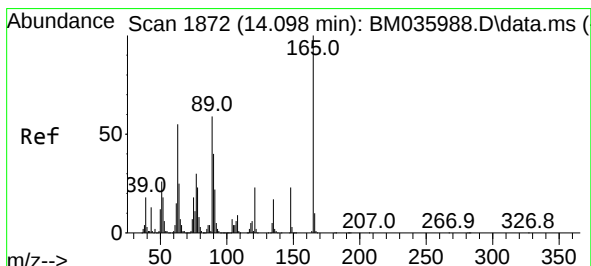
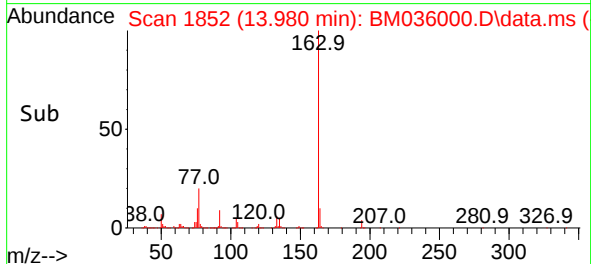
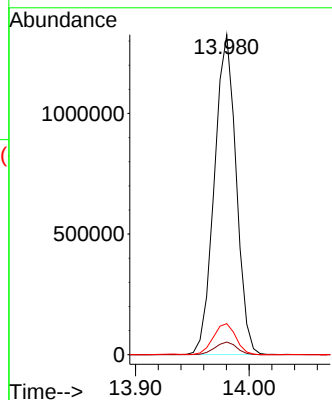
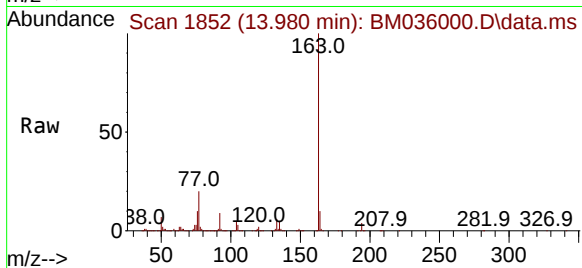
Tgt Ion:163 Resp: 1769559

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 9.7 7.9 11.9



#48

2,6-Dinitrotoluene

Concen: 41.825 ng/ul

RT: 14.098 min Scan# 1872

Delta R.T. -0.000 min

Lab File: BM036000.D

Acq: 29 Jul 2022 19:43

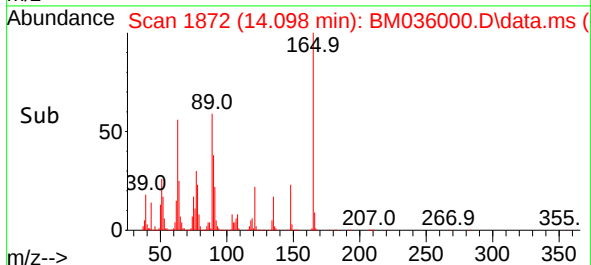
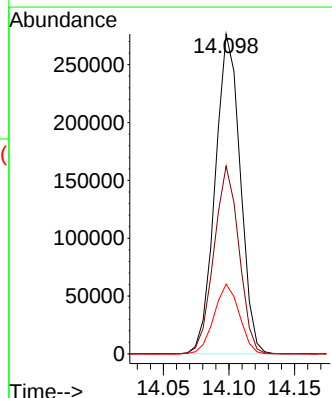
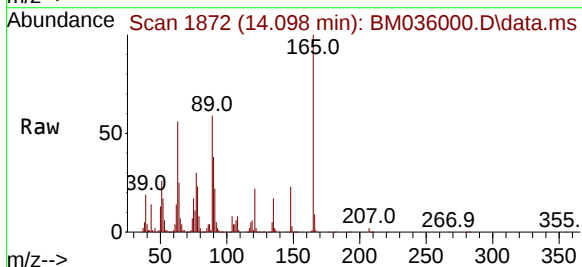
Tgt Ion:165 Resp: 366807

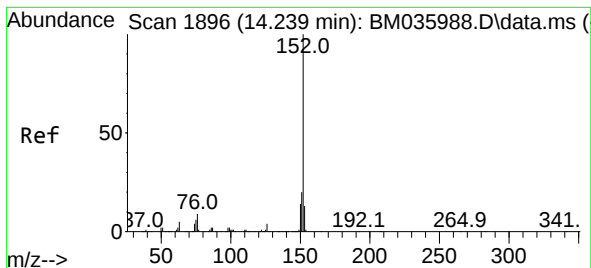
Ion Ratio Lower Upper

165 100

89 58.7 42.5 63.7

121 21.8 17.2 25.8

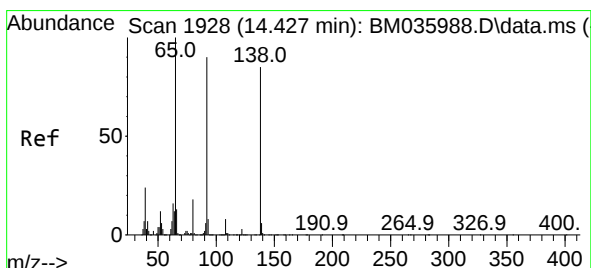
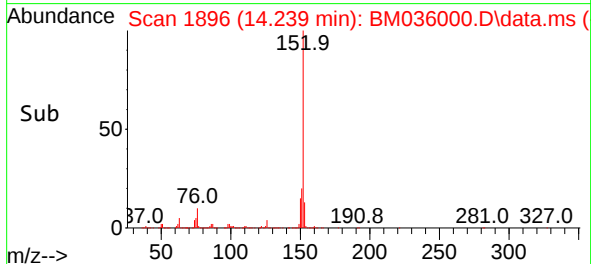
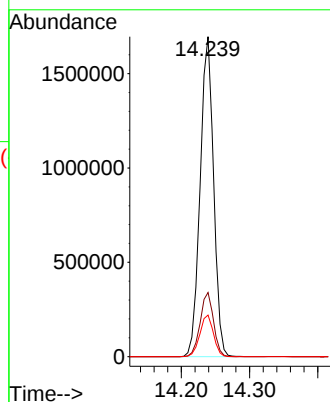
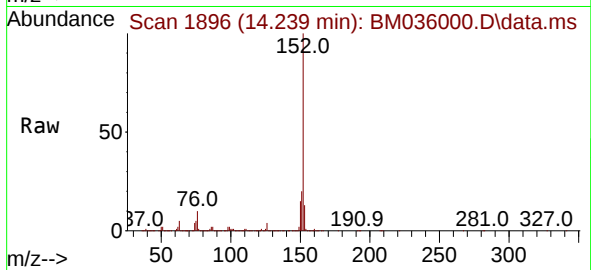




#50
Acenaphthylene
Concen: 37.380 ng/ul
RT: 14.239 min Scan# 1896
Delta R.T. -0.000 min
Lab File: BM036000.D
Acq: 29 Jul 2022 19:43

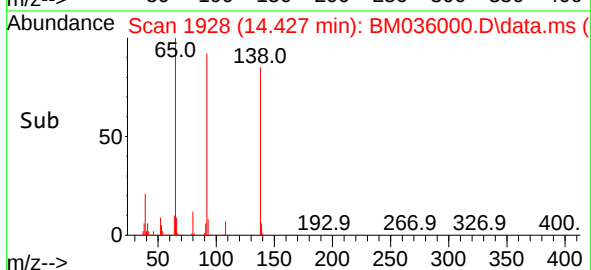
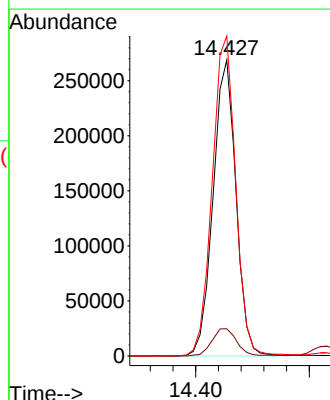
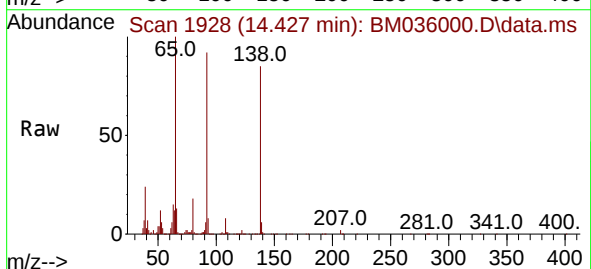
Instrument :
BNA_M
ClientSampleId :

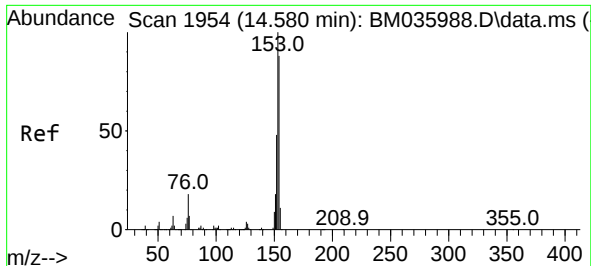
Tgt Ion:152 Resp: 2316955
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.0 10.6 15.8



#51
3-Nitroaniline
Concen: 38.799 ng/ul
RT: 14.427 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BM036000.D
Acq: 29 Jul 2022 19:43

Tgt Ion:138 Resp: 376050
Ion Ratio Lower Upper
138 100
108 9.2 8.1 12.1
92 108.1 90.4 135.6

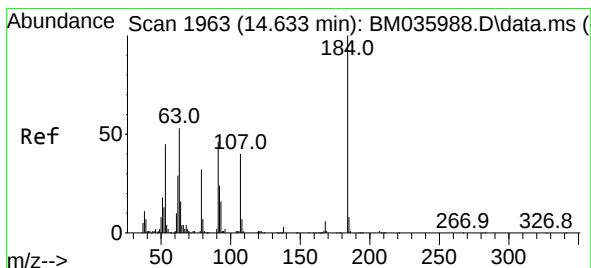
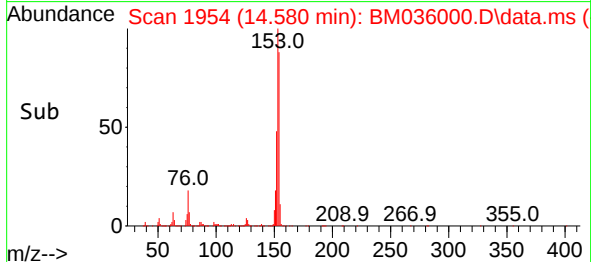
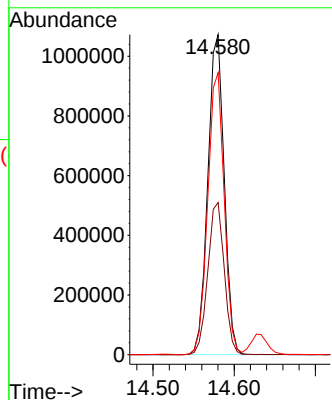
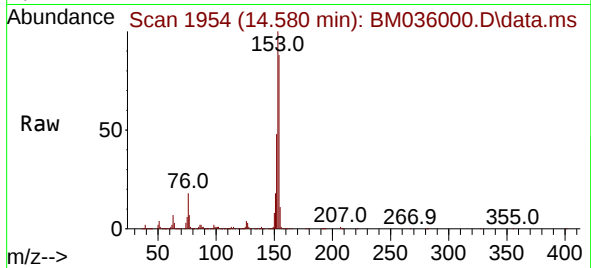




#52
Acenaphthene
Concen: 37.348 ng/ul
RT: 14.580 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BM036000.D
Acq: 29 Jul 2022 19:43

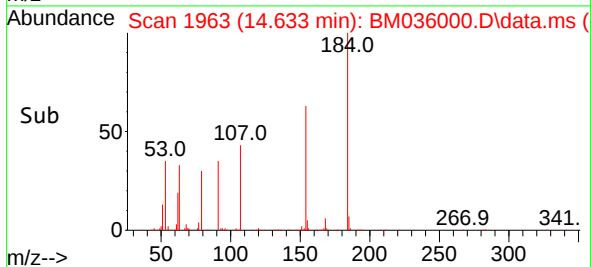
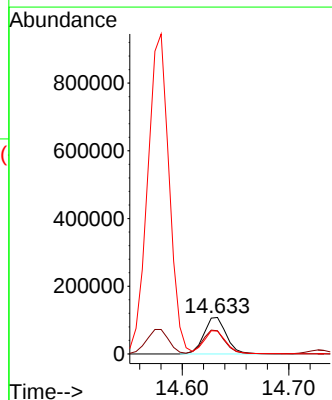
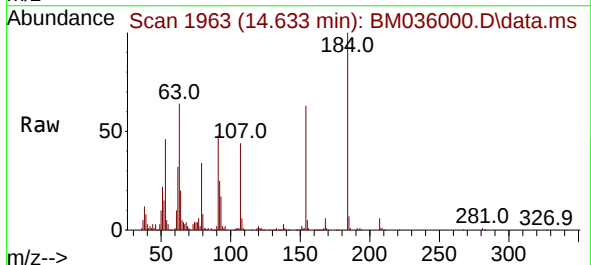
Instrument :
BNA_M
ClientSampleId :

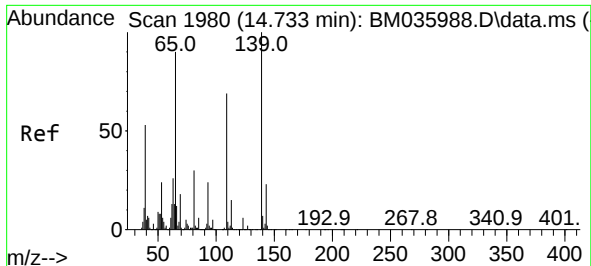
Tgt Ion:153 Resp: 1501838
Ion Ratio Lower Upper
153 100
152 47.5 37.1 55.7
154 88.2 71.3 106.9



#53
2,4-Dinitrophenol
Concen: 31.713 ng/ul
RT: 14.633 min Scan# 1963
Delta R.T. -0.000 min
Lab File: BM036000.D
Acq: 29 Jul 2022 19:43

Tgt Ion:184 Resp: 157915
Ion Ratio Lower Upper
184 100
63 63.8 54.2 81.4
154 62.7 49.3 73.9

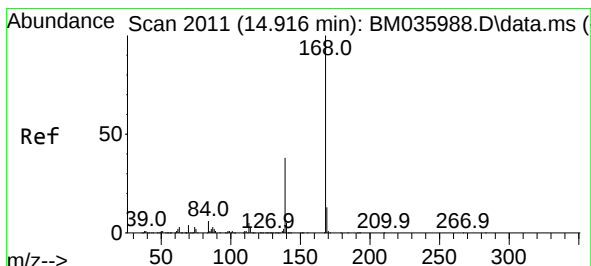
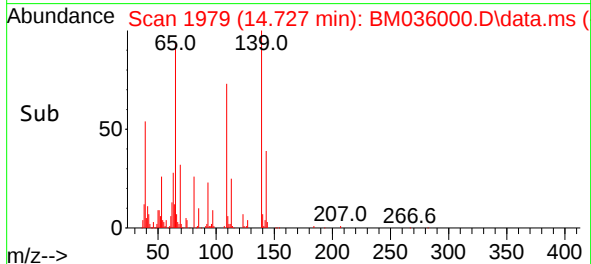
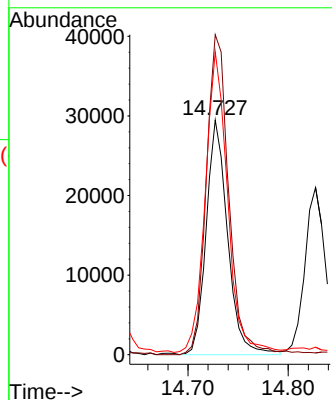
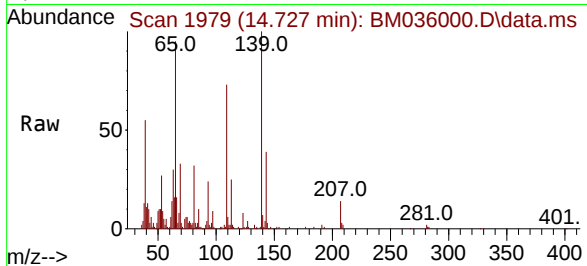




#55
4-Nitrophenol
Concen: 6.348 ng/ul
RT: 14.727 min Scan# 1980
Delta R.T. -0.006 min
Lab File: BM036000.D
Acq: 29 Jul 2022 19:43

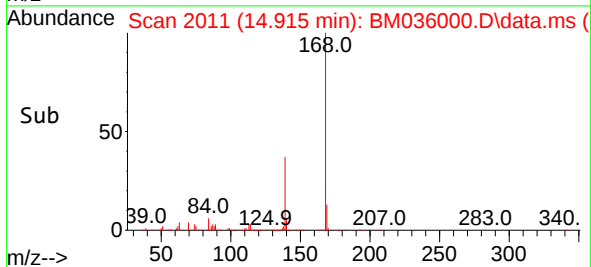
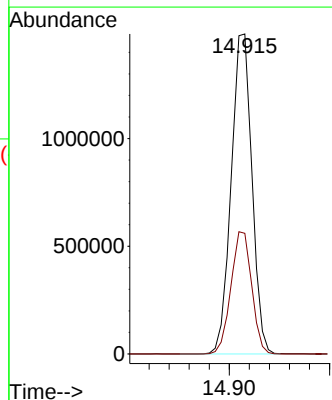
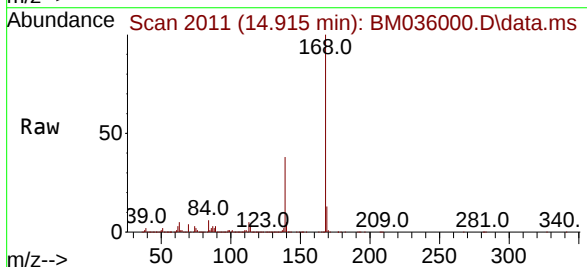
Instrument :
BNA_M
ClientSampleId :

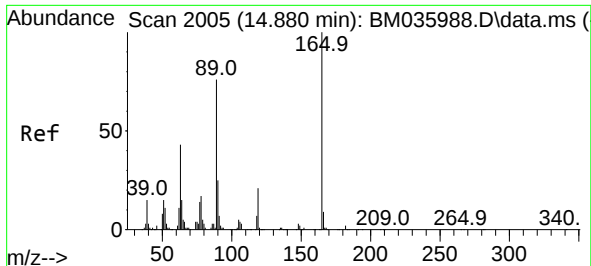
Tgt Ion:109 Resp: 43781
Ion Ratio Lower Upper
109 100
139 136.4 124.9 187.3
65 129.0 122.2 183.4



#56
Dibenzofuran
Concen: 38.311 ng/ul
RT: 14.915 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BM036000.D
Acq: 29 Jul 2022 19:43

Tgt Ion:168 Resp: 2131555
Ion Ratio Lower Upper
168 100
139 37.7 30.1 45.1





#57

2,4-Dinitrotoluene

Concen: 41.157 ng/ul

RT: 14.880 min Scan# 2005

Delta R.T. -0.000 min

Lab File: BM036000.D

Acq: 29 Jul 2022 19:43

Instrument :

BNA_M

ClientSampleId :

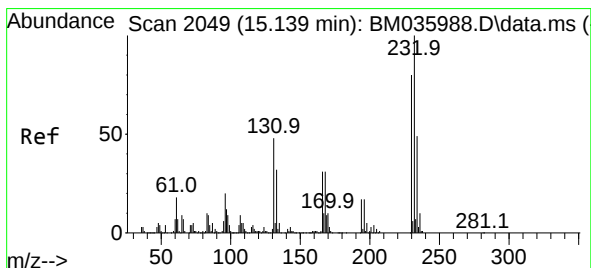
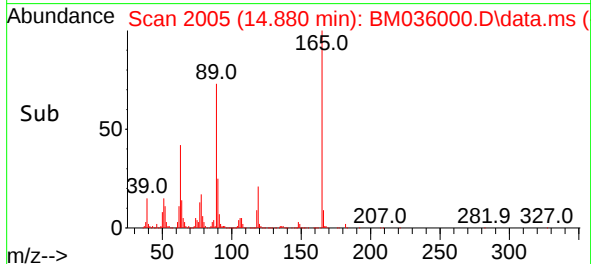
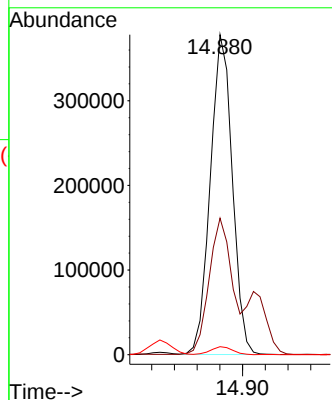
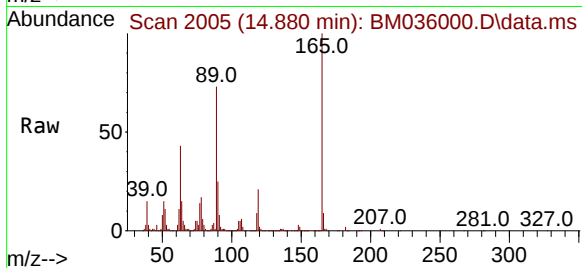
Tgt Ion:165 Resp: 508804

Ion Ratio Lower Upper

165 100

63 42.6 35.9 53.9

182 2.5 2.5 3.7



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.803 ng/ul

RT: 15.139 min Scan# 2049

Delta R.T. -0.000 min

Lab File: BM036000.D

Acq: 29 Jul 2022 19:43

Tgt Ion:232 Resp: 391888

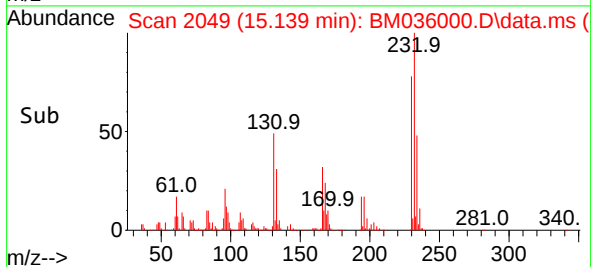
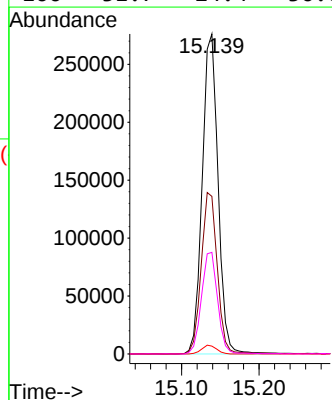
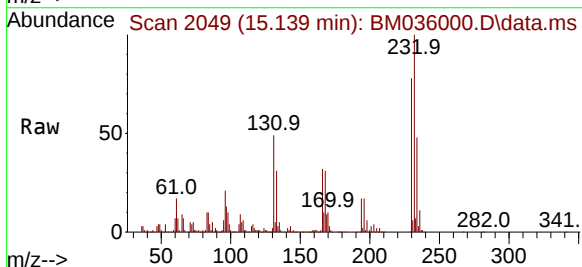
Ion Ratio Lower Upper

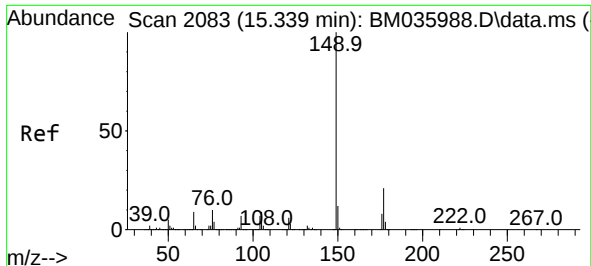
232 100

131 49.3 36.7 55.1

130 2.5 1.7 2.5

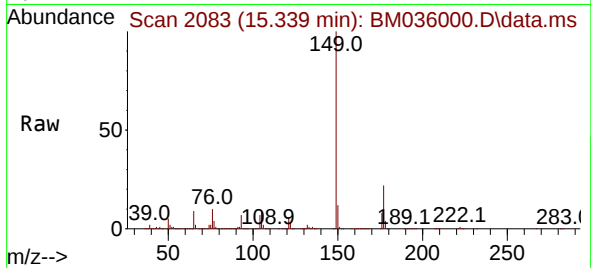
166 31.7 24.4 36.6



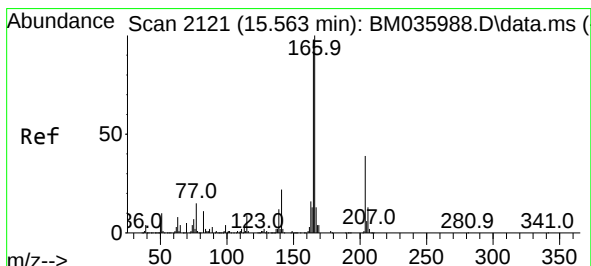
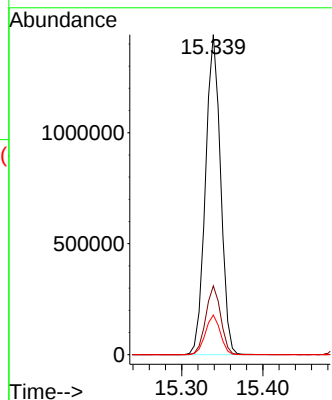
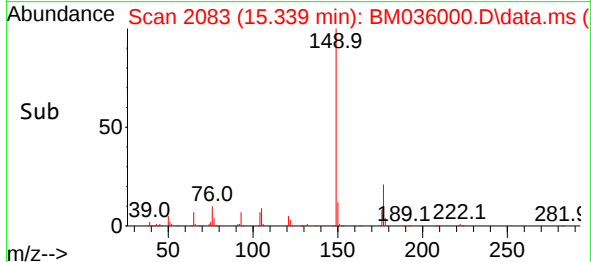


#59
Diethylphthalate
Concen: 41.530 ng/ul
RT: 15.339 min Scan# 2083
Delta R.T. -0.000 min
Lab File: BM036000.D
Acq: 29 Jul 2022 19:43

Instrument :
BNA_M
ClientSampleId :

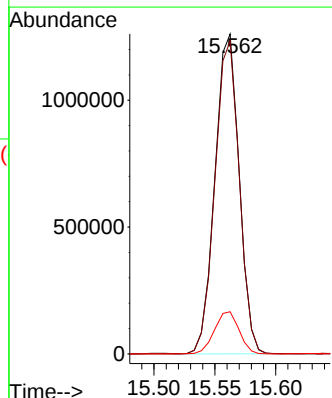
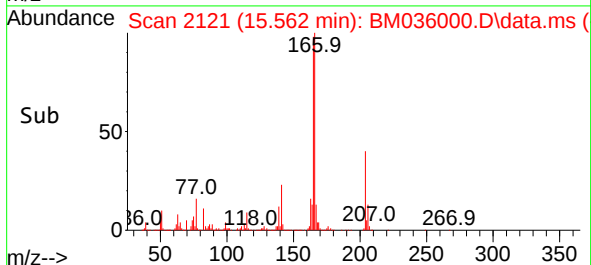
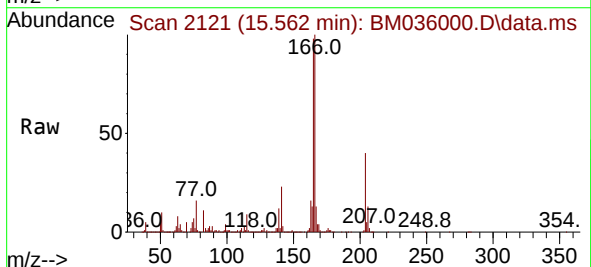


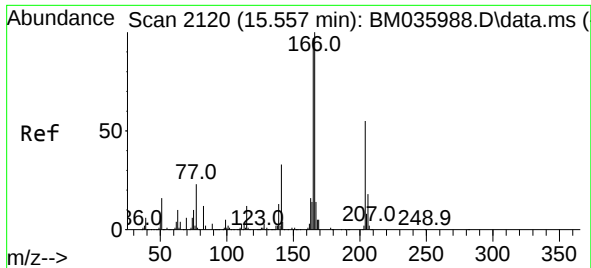
Tgt Ion:149 Resp: 1855628
Ion Ratio Lower Upper
149 100
177 21.5 16.8 25.2
150 12.4 10.2 15.4



#61
Fluorene
Concen: 38.394 ng/ul
RT: 15.562 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM036000.D
Acq: 29 Jul 2022 19:43

Tgt Ion:166 Resp: 1745008
Ion Ratio Lower Upper
166 100
165 97.8 77.2 115.8
167 13.2 11.0 16.4

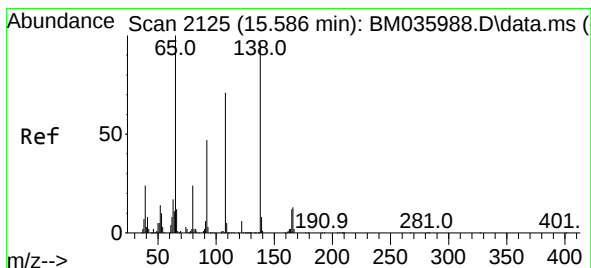
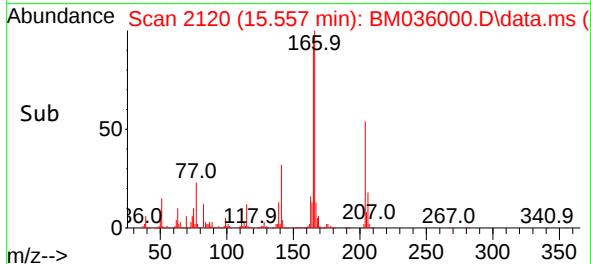
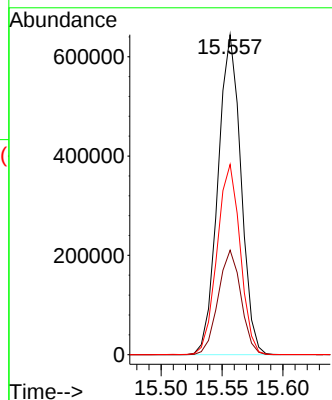
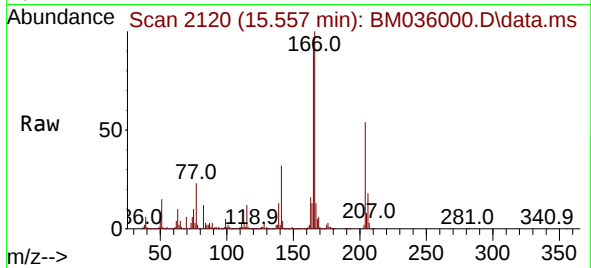




#62
4-Chlorophenyl-phenylether
Concen: 38.908 ng/ul
RT: 15.557 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BM036000.D
Acq: 29 Jul 2022 19:43

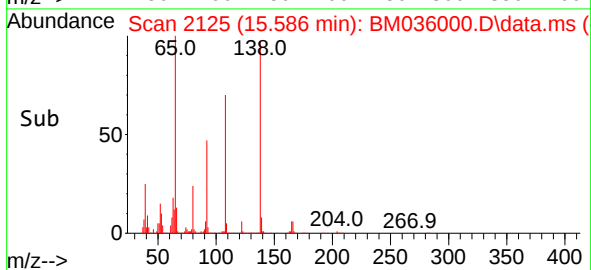
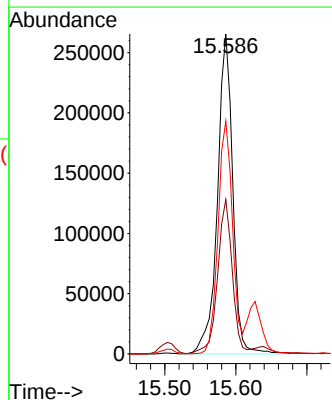
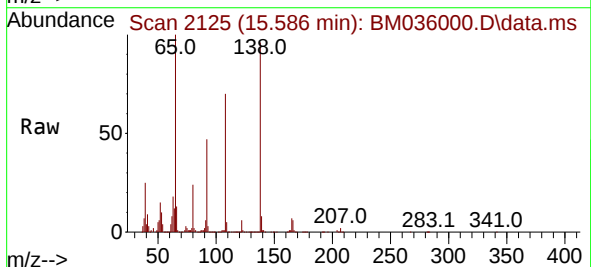
Instrument :
BNA_M
ClientSampleId :

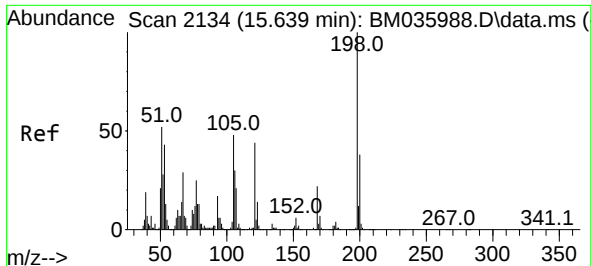
Tgt Ion:204 Resp: 847281
Ion Ratio Lower Upper
204 100
206 32.7 25.9 38.9
141 59.5 50.6 75.8



#63
4-Nitroaniline
Concen: 44.413 ng/ul
RT: 15.586 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BM036000.D
Acq: 29 Jul 2022 19:43

Tgt Ion:138 Resp: 396294
Ion Ratio Lower Upper
138 100
92 48.3 39.2 58.8
108 72.7 51.6 77.4

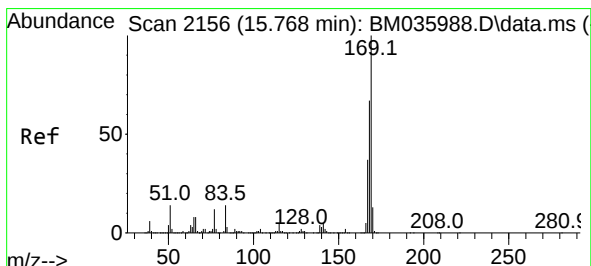
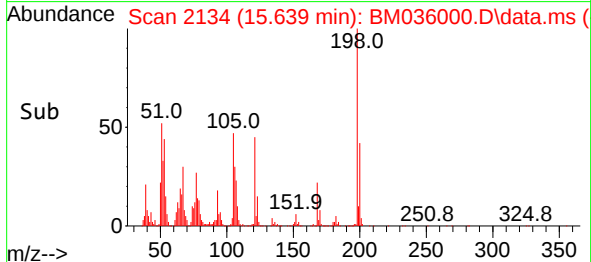
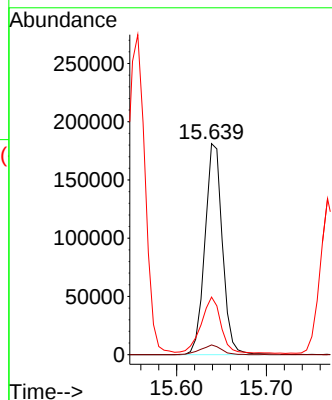
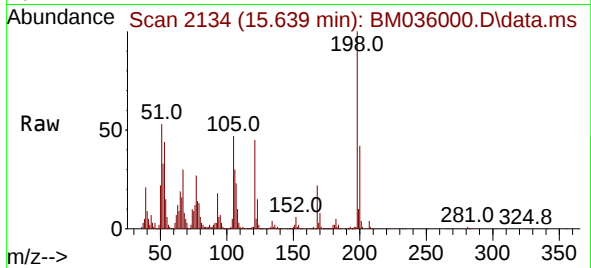




#66
 4,6-Dinitro-2-methylphenol
 Concen: 37.010 ng/ul
 RT: 15.639 min Scan# 2134
 Delta R.T. -0.000 min
 Lab File: BM036000.D
 Acq: 29 Jul 2022 19:43

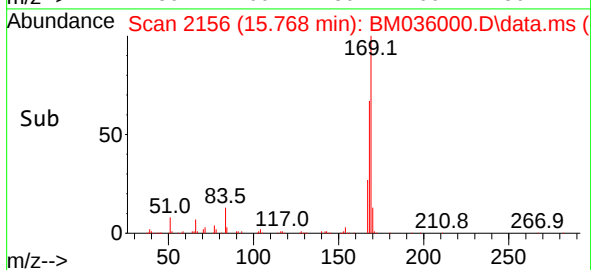
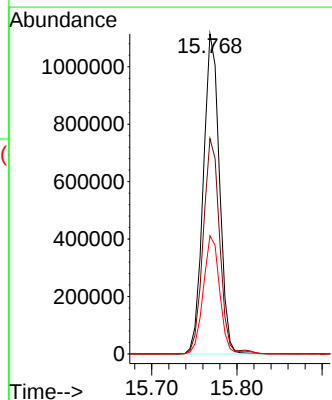
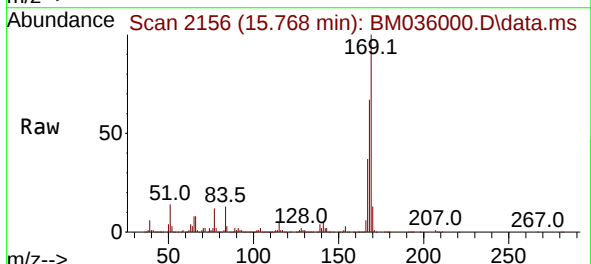
Instrument :
 BNA_M
 ClientSampleId :

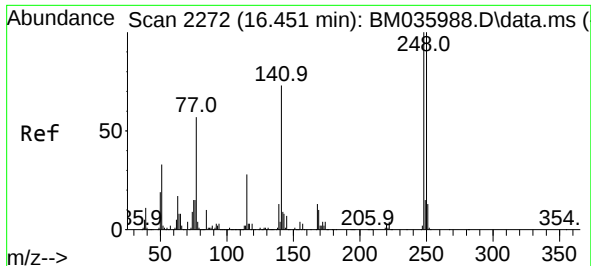
Tgt Ion:198 Resp: 245269
 Ion Ratio Lower Upper
 198 100
 182 4.6 4.2 6.4
 77 27.3 19.9 29.9



#67
 N-Nitrosodiphenylamine
 Concen: 40.391 ng/ul
 RT: 15.768 min Scan# 2156
 Delta R.T. -0.000 min
 Lab File: BM036000.D
 Acq: 29 Jul 2022 19:43

Tgt Ion:169 Resp: 1463050
 Ion Ratio Lower Upper
 169 100
 168 67.3 53.8 80.6
 167 37.0 28.7 43.1

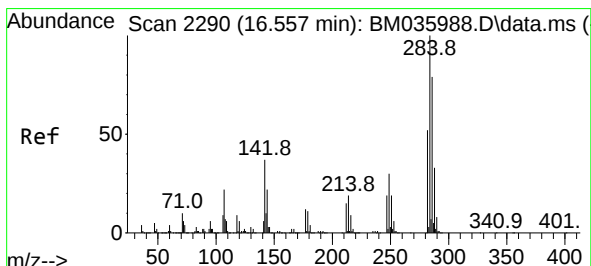
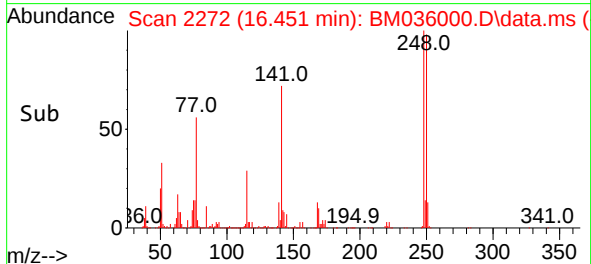
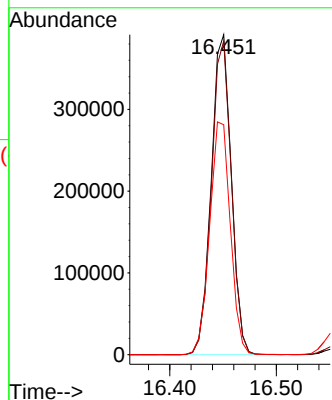
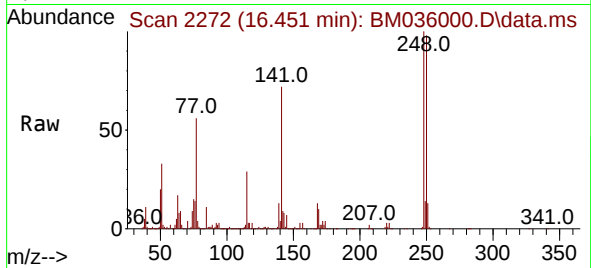




#68
4-Bromophenyl-phenylether
Concen: 42.533 ng/ul
RT: 16.451 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM036000.D
Acq: 29 Jul 2022 19:43

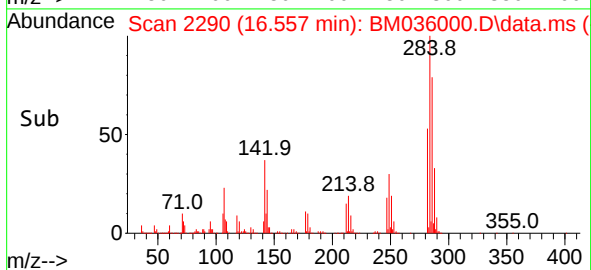
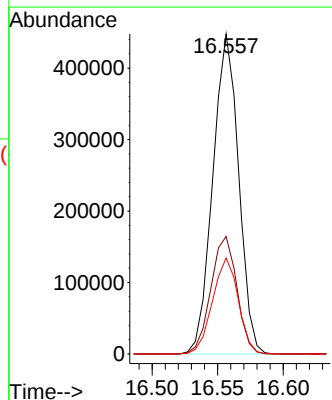
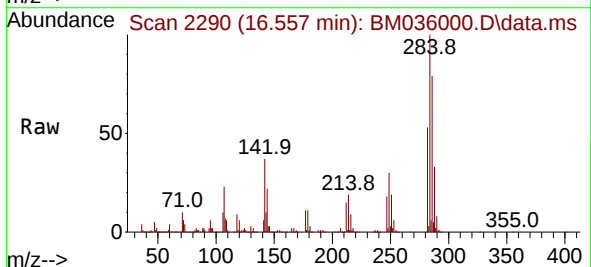
Instrument :
BNA_M
ClientSampleId :

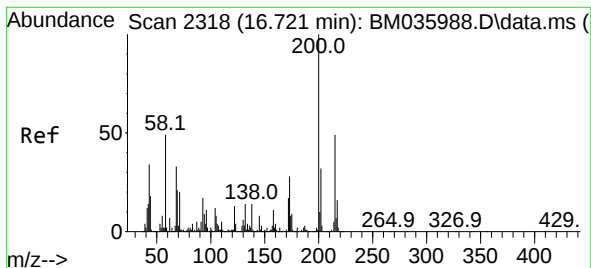
Tgt Ion:248 Resp: 513752
Ion Ratio Lower Upper
248 100
250 98.1 77.3 115.9
141 71.9 59.8 89.8



#69
Hexachlorobenzene
Concen: 41.576 ng/ul
RT: 16.557 min Scan# 2290
Delta R.T. -0.000 min
Lab File: BM036000.D
Acq: 29 Jul 2022 19:43

Tgt Ion:284 Resp: 611899
Ion Ratio Lower Upper
284 100
142 36.7 28.6 42.8
249 30.0 24.6 37.0





#70

Atrazine

Concen: 40.311 ng/ul

RT: 16.721 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM036000.D

Acq: 29 Jul 2022 19:43

Instrument :

BNA_M

ClientSampleId :

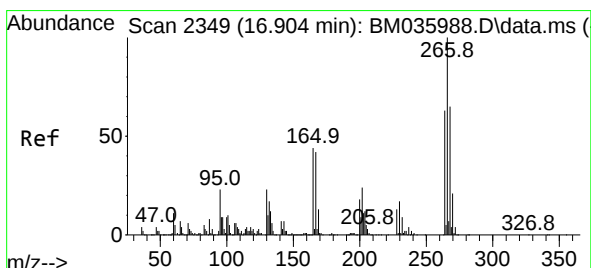
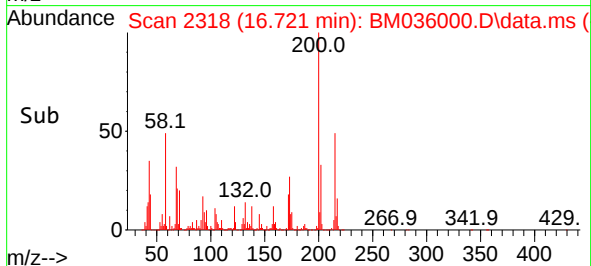
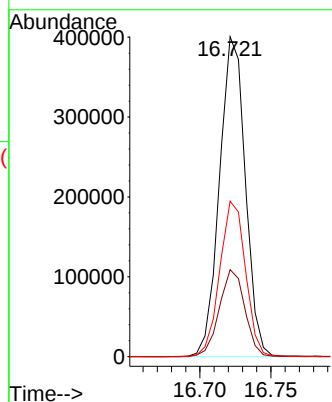
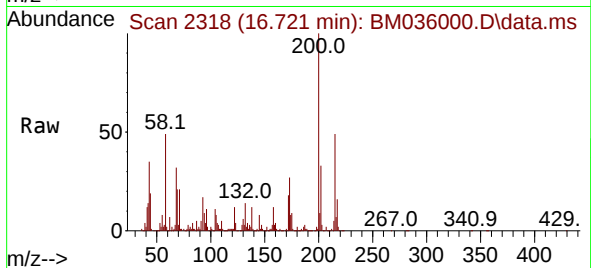
Tgt Ion:200 Resp: 506448

Ion Ratio Lower Upper

200 100

173 27.2 21.3 31.9

215 48.6 39.0 58.6



#71

Pentachlorophenol

Concen: 37.965 ng/ul

RT: 16.904 min Scan# 2349

Delta R.T. -0.000 min

Lab File: BM036000.D

Acq: 29 Jul 2022 19:43

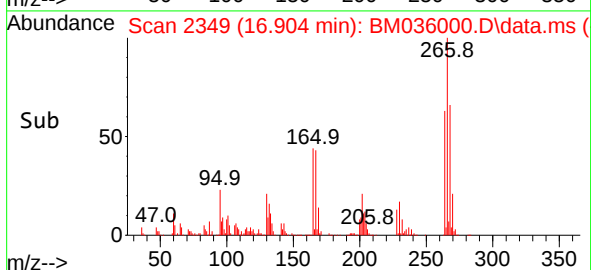
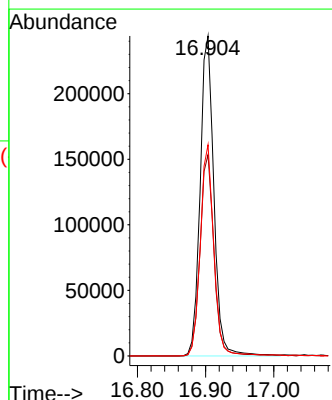
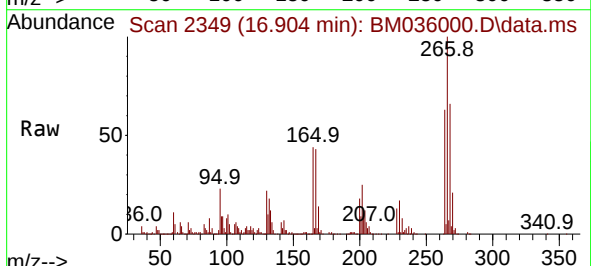
Tgt Ion:266 Resp: 341349

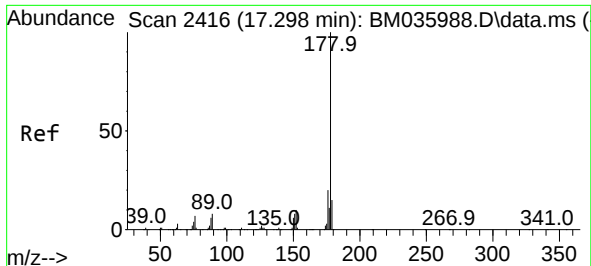
Ion Ratio Lower Upper

266 100

264 62.9 49.5 74.3

268 66.0 51.0 76.4

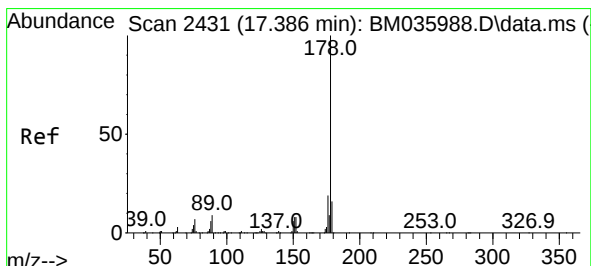
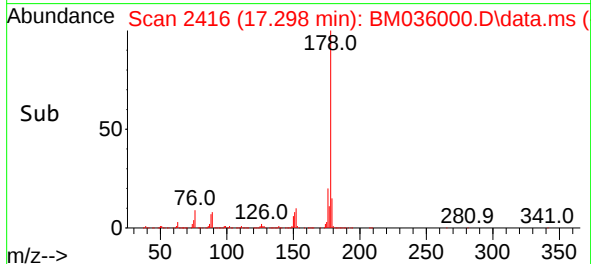
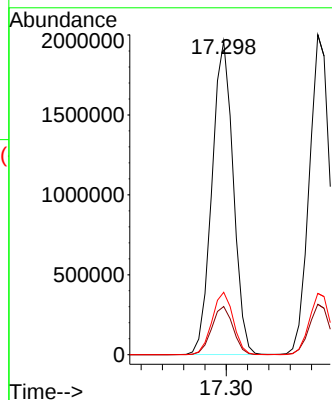
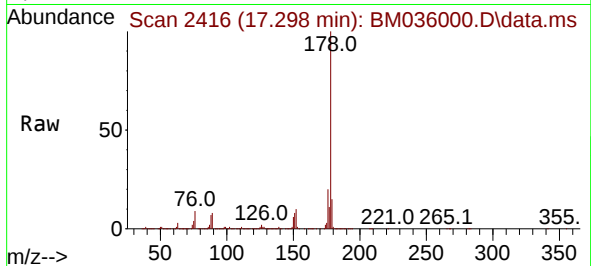




#72
Phenanthrene
Concen: 41.079 ng/ul
RT: 17.298 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BM036000.D
Acq: 29 Jul 2022 19:43

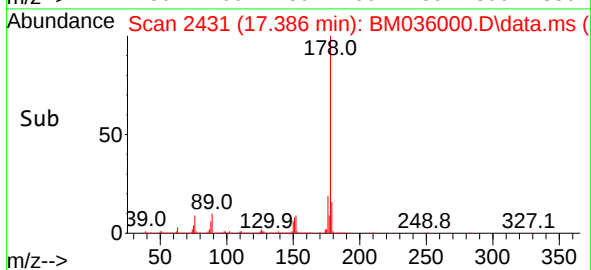
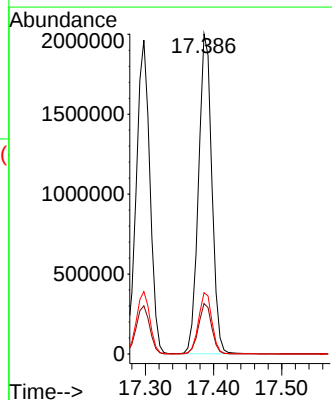
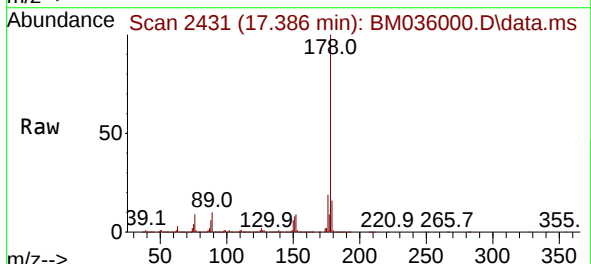
Instrument :
BNA_M
ClientSampleId :

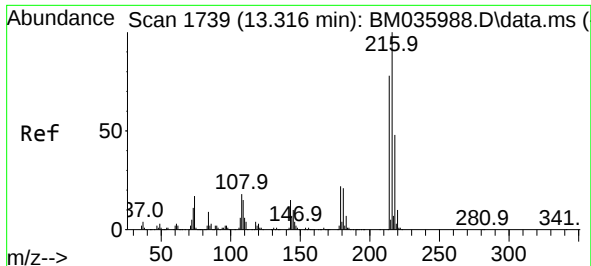
Tgt Ion:178 Resp: 2712719
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.2
176 19.9 14.9 22.3



#74
Anthracene
Concen: 40.937 ng/ul
RT: 17.386 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BM036000.D
Acq: 29 Jul 2022 19:43

Tgt Ion:178 Resp: 2712649
Ion Ratio Lower Upper
178 100
179 15.7 12.2 18.2
176 19.1 14.4 21.6

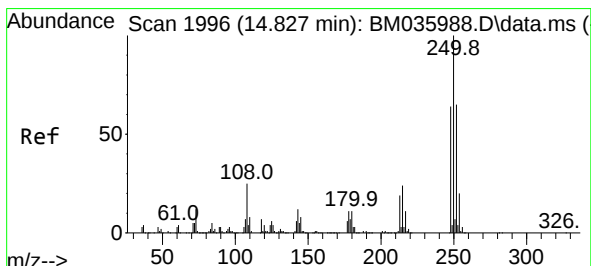
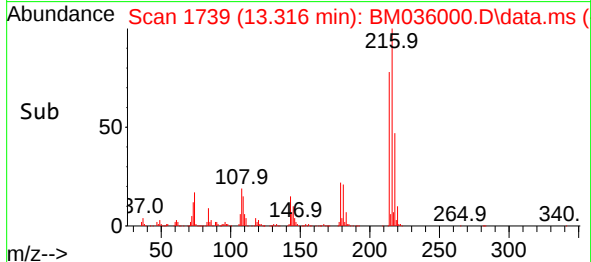
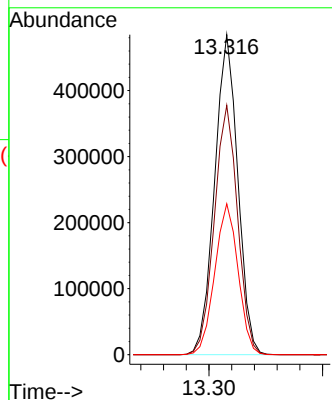
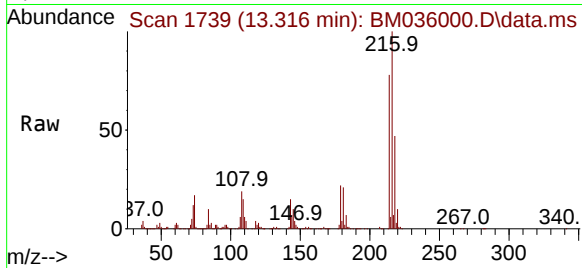




#75
1,2,3,4-Tetrachlorobenzene
Concen: 35.813 ng/uL
RT: 13.316 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM036000.D
Acq: 29 Jul 2022 19:43

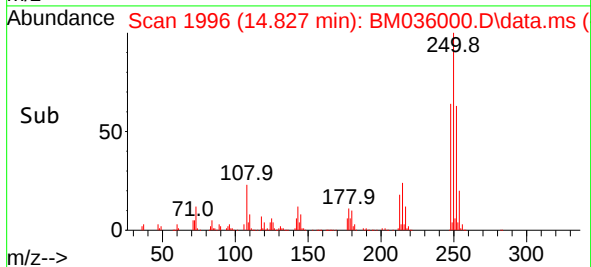
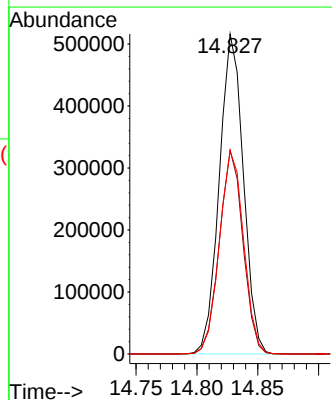
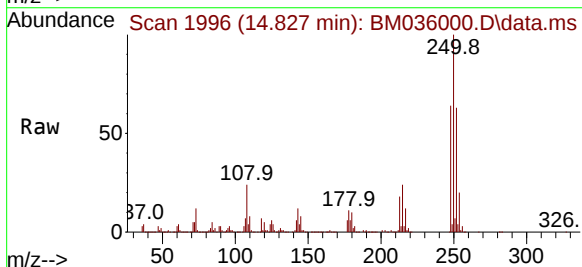
Instrument :
BNA_M
ClientSampleId :

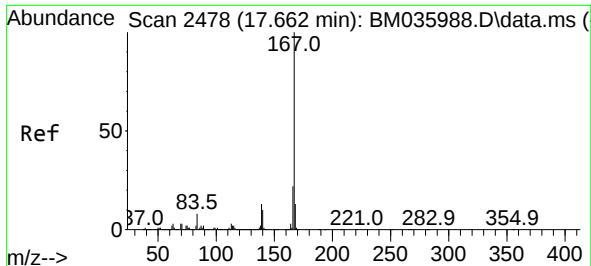
Tgt Ion:216 Resp: 686177
Ion Ratio Lower Upper
216 100
214 77.9 60.9 91.3
218 47.1 37.5 56.3



#76
Pentachlorobenzene
Concen: 40.872 ng/uL
RT: 14.827 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BM036000.D
Acq: 29 Jul 2022 19:43

Tgt Ion:250 Resp: 709873
Ion Ratio Lower Upper
250 100
248 63.7 50.4 75.6
252 63.4 51.1 76.7

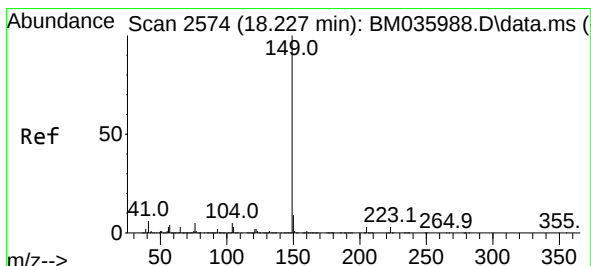
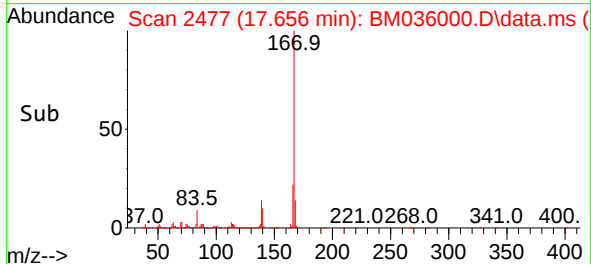
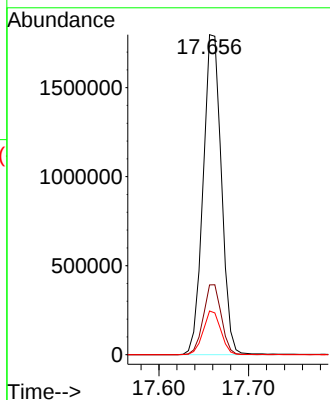
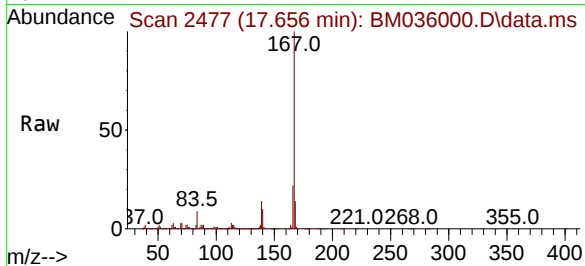




#77
 Carbazole
 Concen: 41.489 ng/ul
 RT: 17.656 min Scan# 2477
 Delta R.T. -0.006 min
 Lab File: BM036000.D
 Acq: 29 Jul 2022 19:43

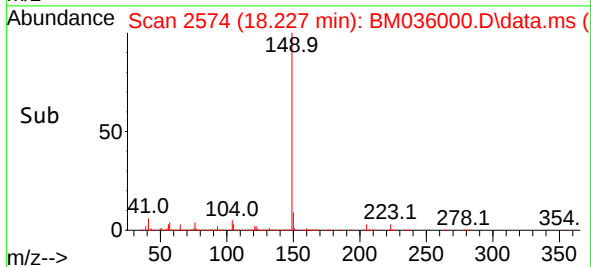
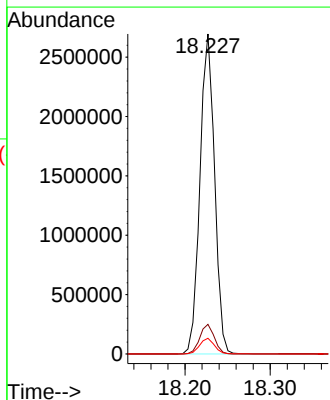
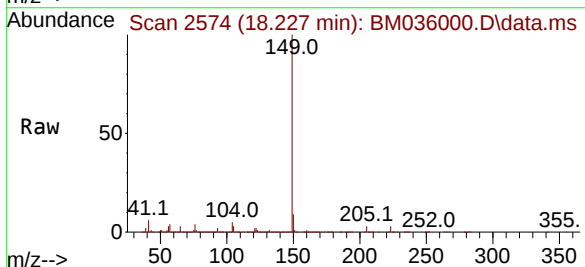
Instrument :
 BNA_M
 ClientSampleId :

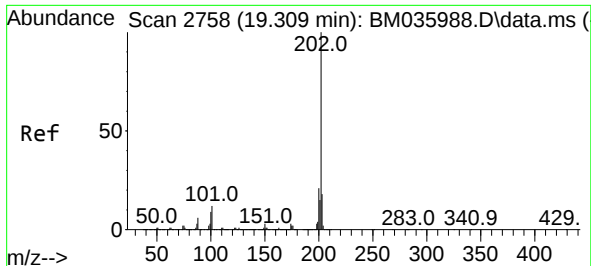
Tgt Ion:167 Resp: 2539205
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.0
 139 13.7 10.1 15.1



#78
 Di-n-butylphthalate
 Concen: 46.504 ng/ul
 RT: 18.227 min Scan# 2574
 Delta R.T. -0.000 min
 Lab File: BM036000.D
 Acq: 29 Jul 2022 19:43

Tgt Ion:149 Resp: 3211180
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 4.9 3.7 5.5

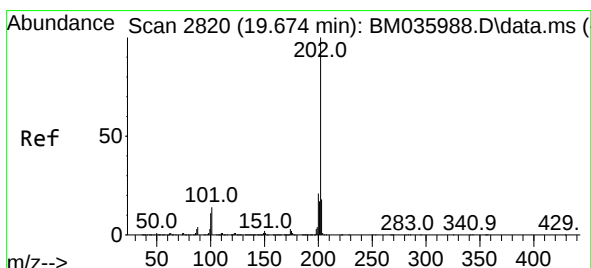
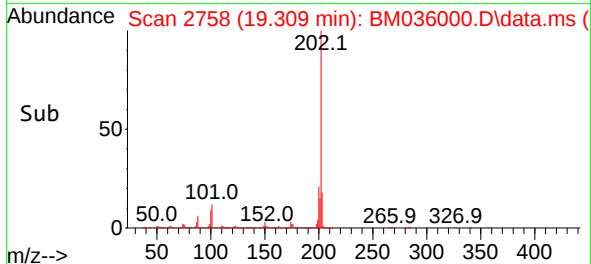
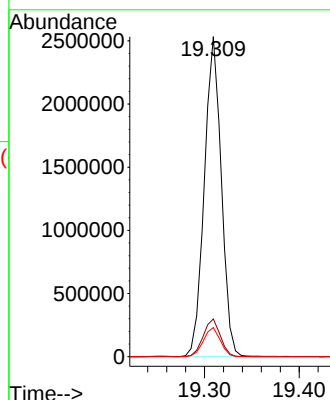
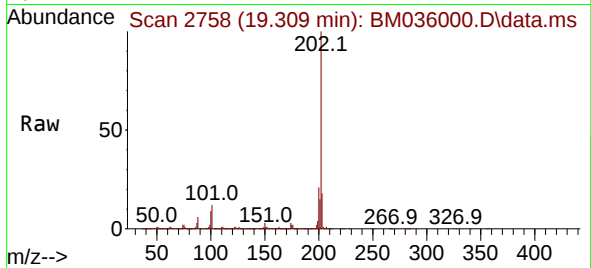




#80
Fluoranthene
Concen: 39.793 ng/ul
RT: 19.309 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM036000.D
Acq: 29 Jul 2022 19:43

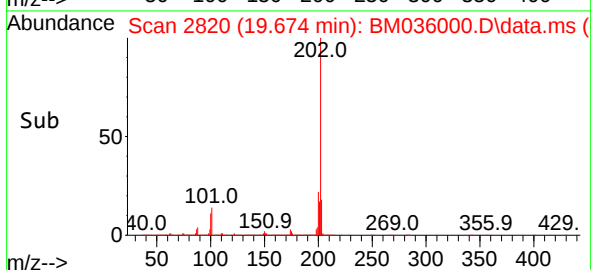
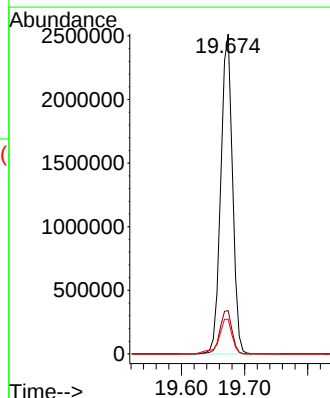
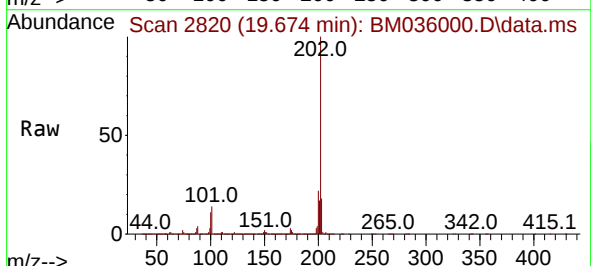
Instrument :
BNA_M
ClientSampleId :

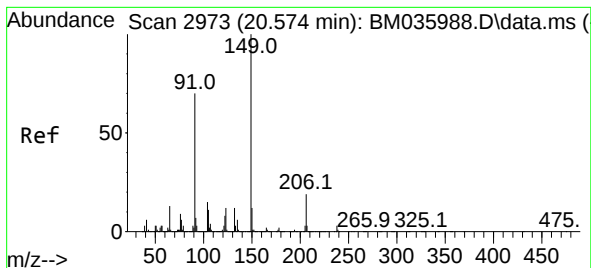
Tgt Ion:202 Resp: 3146996
Ion Ratio Lower Upper
202 100
101 11.8 10.1 15.1
100 9.1 7.8 11.6



#82
Pyrene
Concen: 39.710 ng/ul
RT: 19.674 min Scan# 2820
Delta R.T. -0.000 min
Lab File: BM036000.D
Acq: 29 Jul 2022 19:43

Tgt Ion:202 Resp: 3236905
Ion Ratio Lower Upper
202 100
101 13.6 11.9 17.9
100 10.8 10.2 15.4





#83

Butylbenzylphthalate

Concen: 46.107 ng/ul

RT: 20.574 min Scan# 2973

Delta R.T. -0.000 min

Lab File: BM036000.D

Acq: 29 Jul 2022 19:43

Instrument :

BNA_M

ClientSampleId :

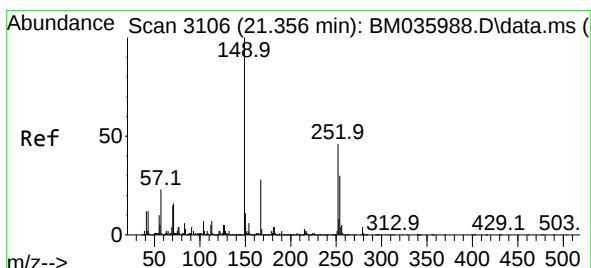
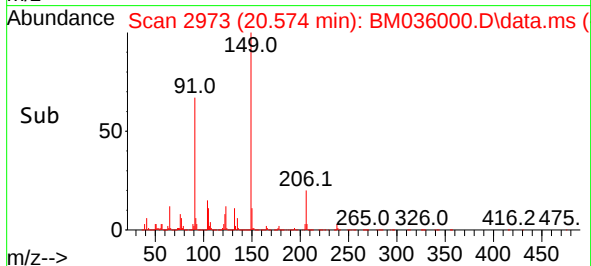
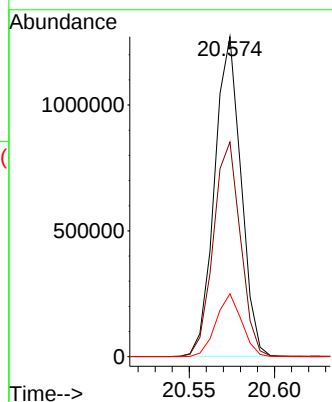
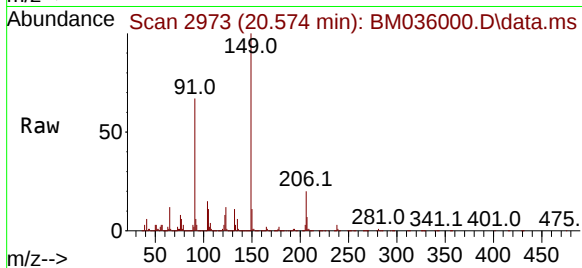
Tgt Ion:149 Resp: 1366937

Ion Ratio Lower Upper

149 100

91 67.1 53.2 79.8

206 19.7 16.0 24.0



#84

3,3'-Dichlorobenzidine

Concen: 47.117 ng/ul

RT: 21.350 min Scan# 3105

Delta R.T. -0.006 min

Lab File: BM036000.D

Acq: 29 Jul 2022 19:43

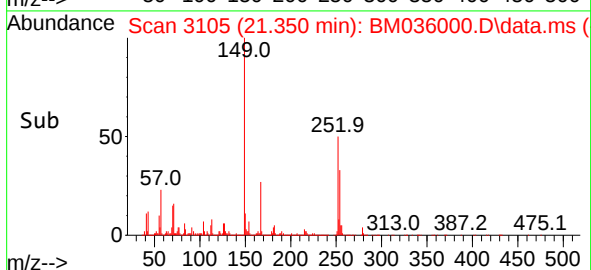
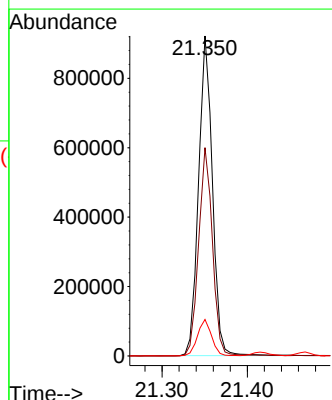
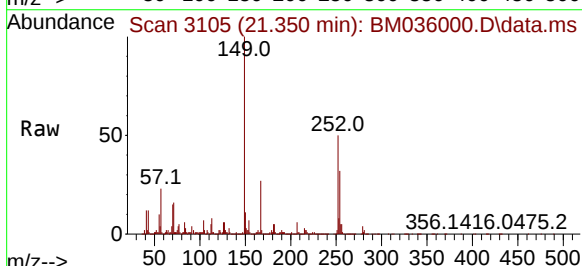
Tgt Ion:252 Resp: 1038421

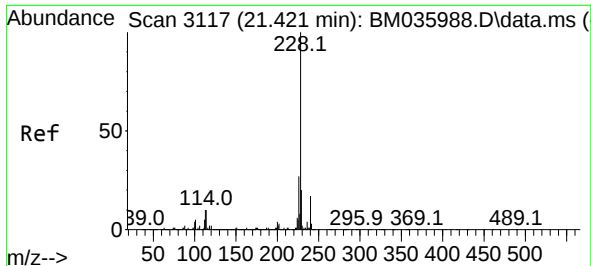
Ion Ratio Lower Upper

252 100

254 65.1 52.4 78.6

126 11.4 10.8 16.2

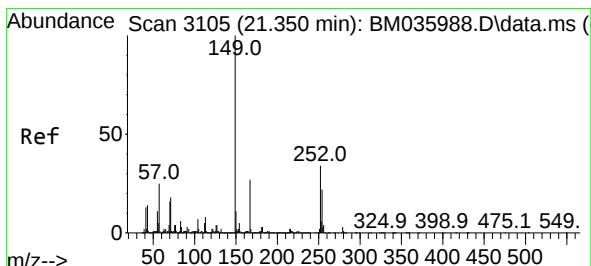
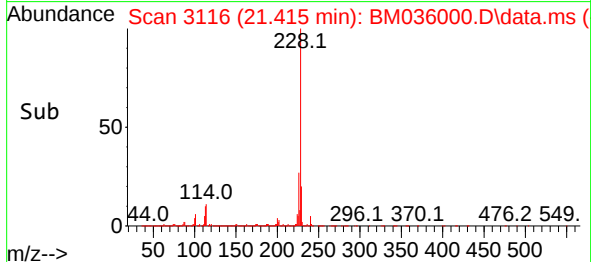
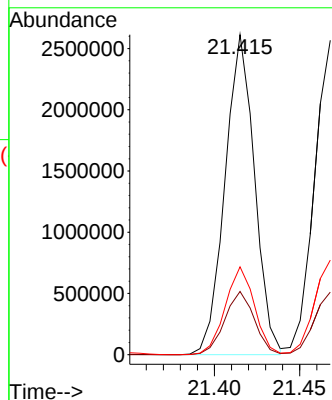
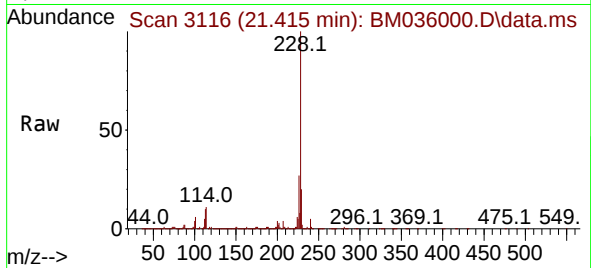




#85
Benzo(a)anthracene
Concen: 41.972 ng/ul
RT: 21.415 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BM036000.D
Acq: 29 Jul 2022 19:43

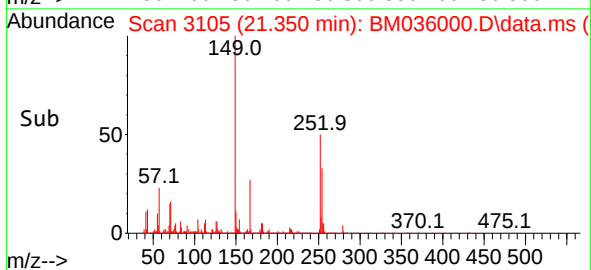
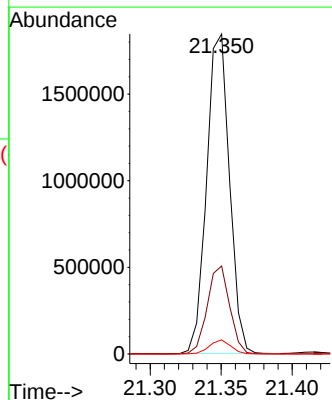
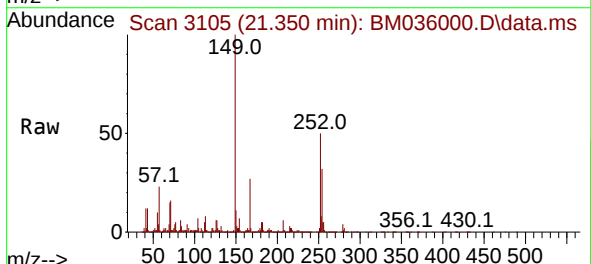
Instrument :
BNA_M
ClientSampleId :

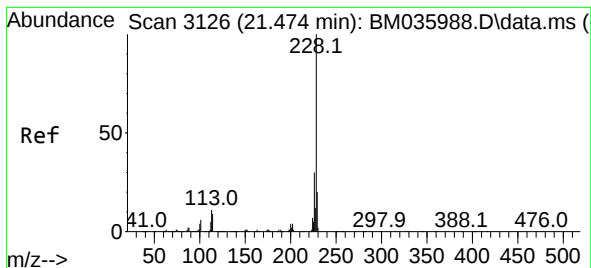
Tgt Ion:228 Resp: 3155086
Ion Ratio Lower Upper
228 100
229 19.8 15.6 23.4
226 27.5 21.7 32.5



#86
Bis(2-ethylhexyl)phthalate
Concen: 48.249 ng/ul
RT: 21.350 min Scan# 3105
Delta R.T. -0.000 min
Lab File: BM036000.D
Acq: 29 Jul 2022 19:43

Tgt Ion:149 Resp: 2066867
Ion Ratio Lower Upper
149 100
167 27.5 21.5 32.3
279 4.4 3.4 5.2





#87

Chrysene

Concen: 41.933 ng/ul

RT: 21.468 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM036000.D

Acq: 29 Jul 2022 19:43

Instrument :

BNA_M

ClientSampleId :

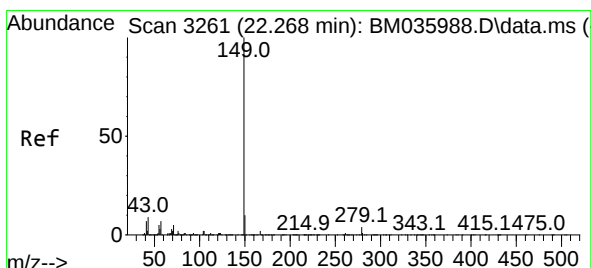
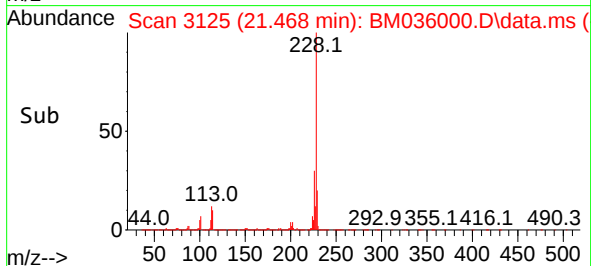
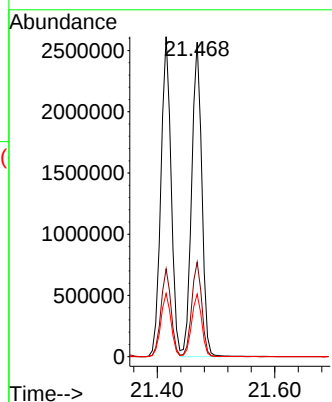
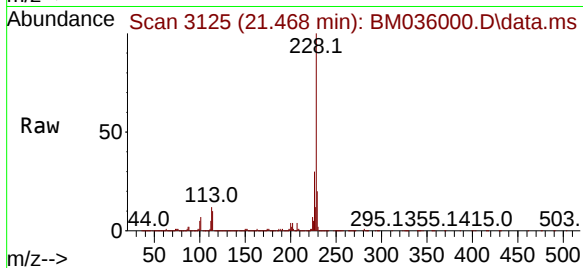
Tgt Ion:228 Resp: 3075609

Ion Ratio Lower Upper

228 100

226 30.1 23.7 35.5

229 19.9 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 43.976 ng/ul

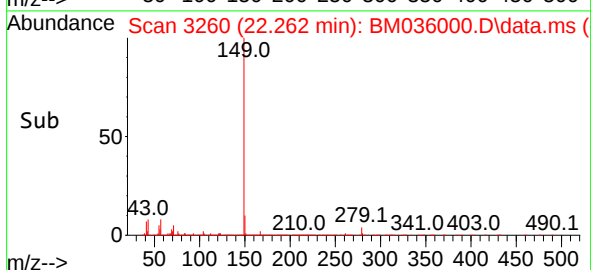
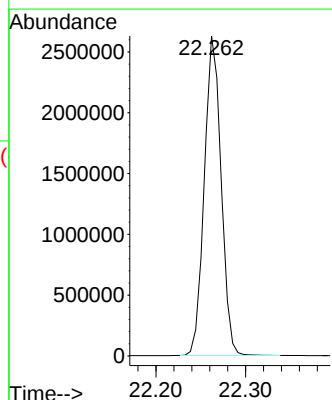
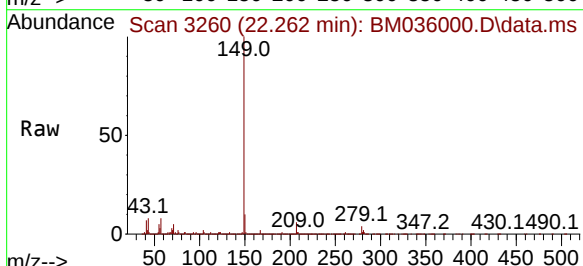
RT: 22.262 min Scan# 3260

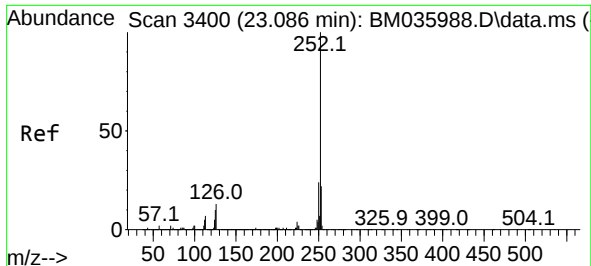
Delta R.T. -0.006 min

Lab File: BM036000.D

Acq: 29 Jul 2022 19:43

Tgt Ion:149 Resp: 3418385

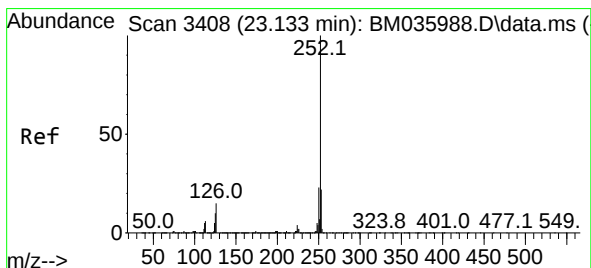
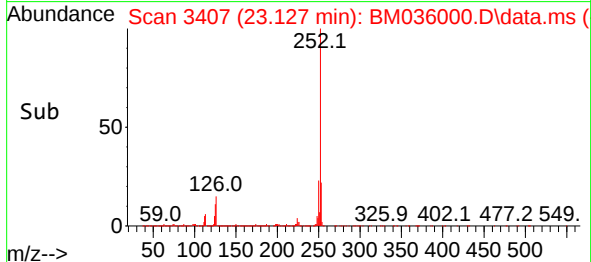
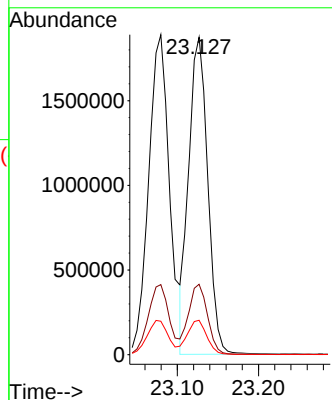
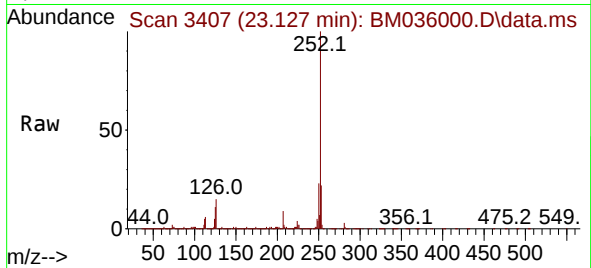




#90
Benzo(b)fluoranthene
Concen: 38.063 ng/ul
RT: 23.127 min Scan# 3407
Delta R.T. 0.041 min
Lab File: BM036000.D
Acq: 29 Jul 2022 19:43

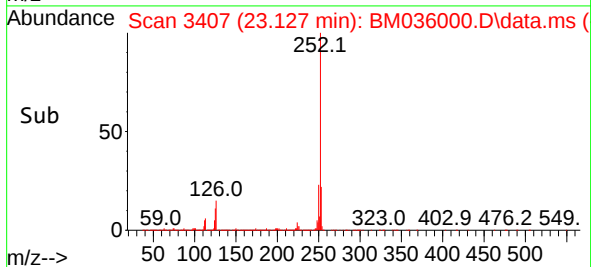
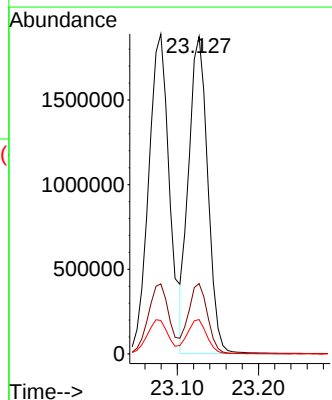
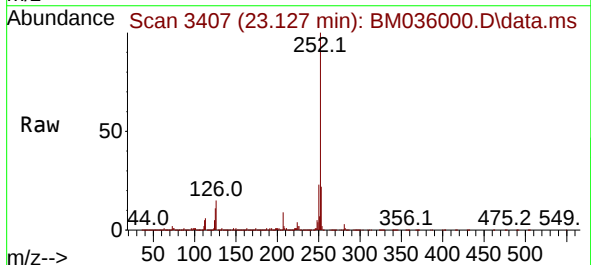
Instrument :
BNA_M
ClientSampleId :

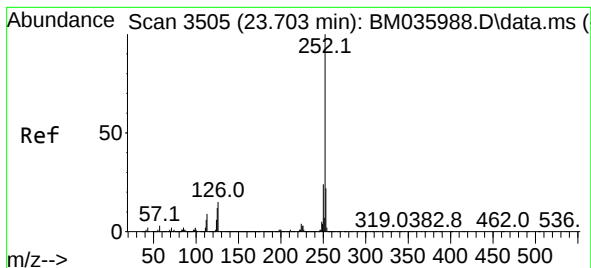
Tgt Ion:252 Resp: 3057761
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 10.8 10.7 16.1



#91
Benzo(k)fluoranthene
Concen: 40.111 ng/ul
RT: 23.127 min Scan# 3407
Delta R.T. -0.006 min
Lab File: BM036000.D
Acq: 29 Jul 2022 19:43

Tgt Ion:252 Resp: 3057761
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 10.8 10.6 15.8





#93

Benzo(a)pyrene

Concen: 42.398 ng/ul

RT: 23.697 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM036000.D

Acq: 29 Jul 2022 19:43

Instrument :

BNA_M

ClientSampleId :

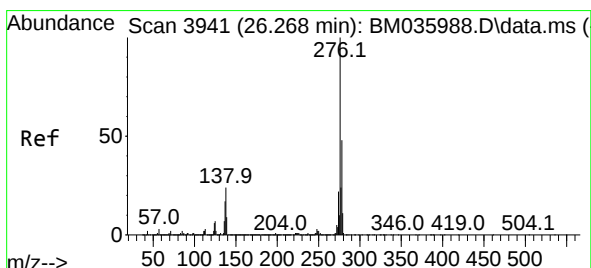
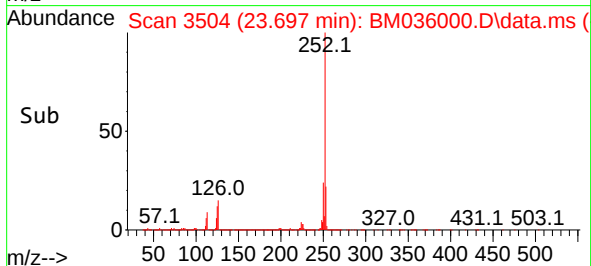
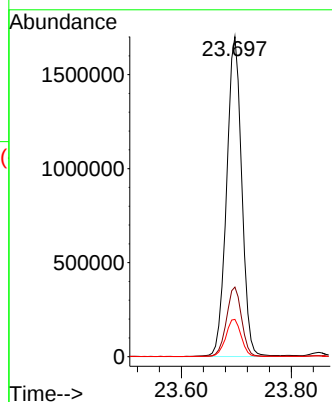
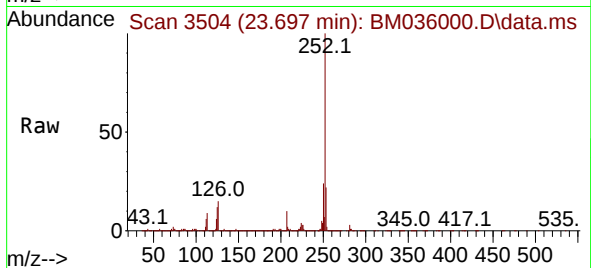
Tgt Ion:252 Resp: 3244170

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 11.7 11.8 17.8#



#94

Indeno(1,2,3-cd)pyrene

Concen: 46.448 ng/ul

RT: 26.268 min Scan# 3941

Delta R.T. -0.000 min

Lab File: BM036000.D

Acq: 29 Jul 2022 19:43

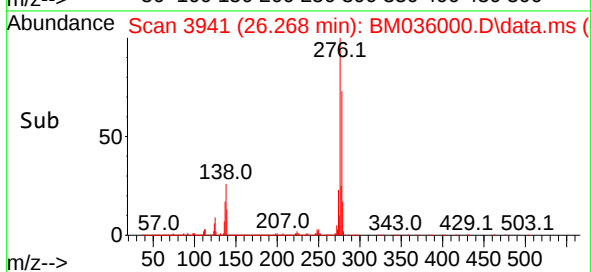
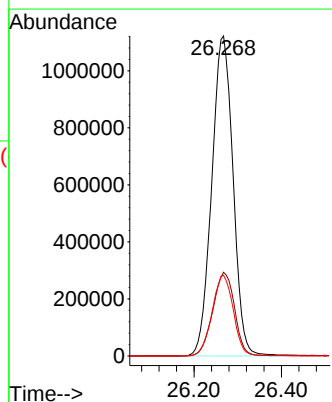
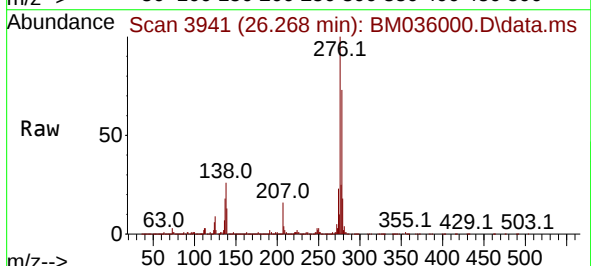
Tgt Ion:276 Resp: 3788293

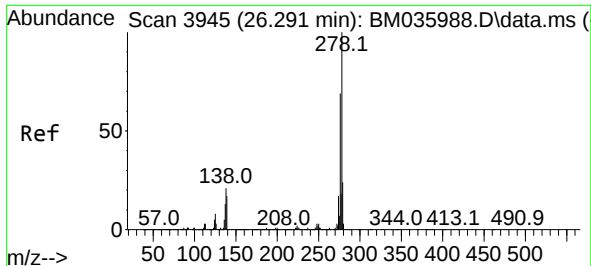
Ion Ratio Lower Upper

276 100

138 26.2 25.6 38.4

277 25.2 20.1 30.1

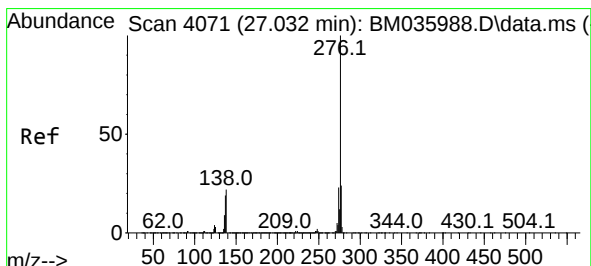
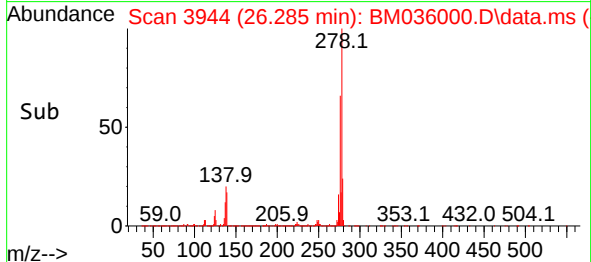
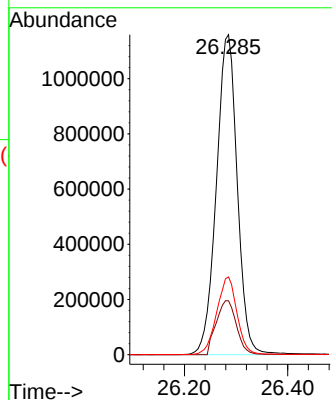
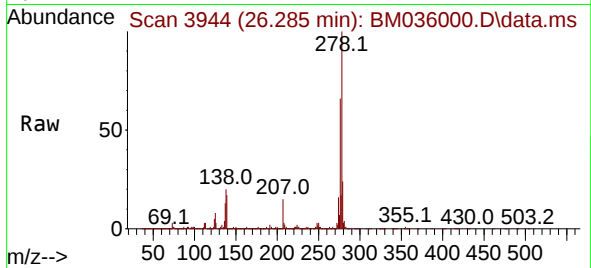




#95
 Dibenzo(a,h)anthracene
 Concen: 46.459 ng/ul
 RT: 26.285 min Scan# 3945
 Delta R.T. -0.006 min
 Lab File: BM036000.D
 Acq: 29 Jul 2022 19:43

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:278 Resp: 3250837
 Ion Ratio Lower Upper
 278 100
 139 16.9 16.2 24.2
 279 24.3 18.7 28.1



#96
 Benzo(g,h,i)perylene
 Concen: 47.203 ng/ul
 RT: 27.026 min Scan# 4070
 Delta R.T. -0.006 min
 Lab File: BM036000.D
 Acq: 29 Jul 2022 19:43

Tgt Ion:276 Resp: 3190352
 Ion Ratio Lower Upper
 276 100
 138 22.4 21.3 31.9
 277 23.6 18.6 28.0

