

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081922\
 Data File : BM036358.D
 Acq On : 19 Aug 2022 16:48
 Operator : CG/JU
 Sample : N3670-06
 Misc : MDL-ME SOIL-4ppm
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 22 11:09:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 16 15:00:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	329514	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.592	136	1422698	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.439	164	782153	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.180	188	1380776	20.000	ng/u1	-0.01
79) Chrysene-d12	21.368	240	1205395	20.000	ng/u1	0.00
88) Perylene-d12	23.697	264	1220726	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	34820	4.027	ng/uL	0.00
4) Pyridine-d5	3.628	84	459201	19.259	ng/u1	-0.01
7) Phenol-d5	6.969	99	641838	22.820	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	7.128	67	413743	23.369	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.322	132	530461	24.003	ng/u1	-0.01
15) 4-Methylphenol-d8	8.516	113	503164	23.959	ng/u1	-0.01
21) Nitrobenzene-d5	8.963	128	264911	24.559	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.681	143	275982	25.224	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.222	165	466285	23.851	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.745	131	699658	23.085	ng/u1	-0.01
46) Dimethylphthalate-d6	13.857	166	1271472	25.695	ng/u1	-0.01
49) Acenaphthylene-d8	14.133	160	1672041	27.092	ng/u1	0.00
54) 4-Nitrophenol-d4	14.669	143	179197	19.112	ng/u1	-0.01
60) Fluorene-d10	15.433	176	1065273	23.824	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	140959	19.857	ng/u1	0.00
73) Anthracene-d10	17.280	188	1480348	24.111	ng/u1	0.00
81) Pyrene-d10	19.574	212	1567342	25.066	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.550	264	1446473	24.168	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	8961	0.984	ng/uL	87
5) Pyridine	3.652	79	101560	4.123	ng/u1#	86
6) Benzaldehyde	6.940	77	75793	6.560	ng/u1	90
8) Phenol	6.998	94	122107	4.176	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.222	93	98706	4.220	ng/u1	99
12) 2-Chlorophenol	7.357	128	98780	4.274	ng/u1	98
13) 2-Methylphenol	8.251	108	88038	4.084	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.322	45	84980	2.716	ng/u1	97
16) Acetophenone	8.628	105	143560	4.250	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.610	70	75479	4.490	ng/u1	95
18) 4-Methylphenol	8.581	108	96327	4.175	ng/u1	98
19) Hexachloroethane	8.863	117	41016	4.242	ng/u1	87
22) Nitrobenzene	9.004	77	110787	4.335	ng/u1	96
23) Isophorone	9.534	82	196402	4.327	ng/u1	97
25) 2-Nitrophenol	9.716	139	53331	4.375	ng/u1	95
26) 2,4-Dimethylphenol	9.781	107	104430	4.284	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.016	93	129010	4.366	ng/u1	99
29) 2,4-Dichlorophenol	10.251	162	86284	4.314	ng/u1	94
30) Naphthalene	10.639	128	321127	4.301	ng/u1	99
32) 4-Chloroaniline	10.769	127	128960	4.183	ng/u1	98
33) Hexachlorobutadiene	10.916	225	54302	4.321	ng/u1	96
34) Caprolactam	11.586	113	25028	4.176	ng/u1	91
35) 4-Chloro-3-methylphenol	11.904	107	80262	3.969	ng/u1	97
36) 2-Methylnaphthalene	12.257	142	198287	4.232	ng/u1	99

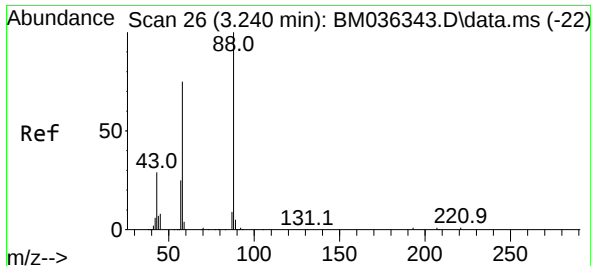
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.480	142	210578	4.463	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.627	216	96775	4.476	ng/ul	98
40) Hexachlorocyclopentadiene	12.598	237	43885	3.422	ng/ul	96
41) 2,4,6-Trichlorophenol	12.880	196	55149	4.054	ng/ul	94
42) 2,4,5-Trichlorophenol	12.957	196	58181	4.032	ng/ul	95
43) 1,1'-Biphenyl	13.275	154	258502	4.394	ng/ul	98
44) 2-Chloronaphthalene	13.316	162	195799	4.338	ng/ul	98
45) 2-Nitroaniline	13.539	65	45270	3.704	ng/ul	94
47) Dimethylphthalate	13.904	163	228947	4.495	ng/ul	100
48) 2,6-Dinitrotoluene	14.033	165	37306	3.882	ng/ul#	84
50) Acenaphthylene	14.163	152	322156	4.426	ng/ul	99
51) 3-Nitroaniline	14.369	138	37752	3.592	ng/ul	97
52) Acenaphthene	14.504	153	207910	4.383	ng/ul	97
53) 2,4-Dinitrophenol	14.580	184	21078	4.025	ng/ul	91
55) 4-Nitrophenol	14.680	109	28496	3.847	ng/ul	93
56) Dibenzofuran	14.839	168	282282	4.289	ng/ul	98
57) 2,4-Dinitrotoluene	14.821	165	53030	3.891	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	15.069	232	43528	3.973	ng/ul#	87
59) Diethylphthalate	15.263	149	218150	4.345	ng/ul	98
61) Fluorene	15.486	166	223129	4.274	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.480	204	107466	4.407	ng/ul	98
63) 4-Nitroaniline	15.527	138	29260	2.985	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.580	198	30101	4.194	ng/ul#	81
67) N-Nitrosodiphenylamine	15.698	169	177456	4.495	ng/ul	98
68) 4-Bromophenyl-phenylether	16.374	248	58034	4.539	ng/ul	96
69) Hexachlorobenzene	16.480	284	69357	4.476	ng/ul	94
70) Atrazine	16.657	200	62119	4.606	ng/ul	98
71) Pentachlorophenol	16.845	266	37289	4.365	ng/ul	96
72) Phenanthrene	17.221	178	321908	4.435	ng/ul	100
74) Anthracene	17.315	178	319907	4.396	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.233	216	97435	4.703	ng/uL	97
76) Pentachlorobenzene	14.751	250	99545	5.146	ng/uL	99
77) Carbazole	17.598	167	270830	3.975	ng/ul	99
78) Di-n-butylphthalate	18.157	149	315061	4.228	ng/ul	99
80) Fluoranthene	19.245	202	332955	4.406	ng/ul	98
82) Pyrene	19.604	202	351072	4.452	ng/ul	100
83) Butylbenzylphthalate	20.509	149	127684	4.328	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.292	252	129330	5.210	ng/ul	98
85) Benzo(a)anthracene	21.350	228	318472	4.397	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	181676	4.460	ng/ul	98
87) Chrysene	21.403	228	311393	4.375	ng/ul	99
89) Di-n-octyl phthalate	22.186	149	316627	4.363	ng/ul	100
90) Benzo(b)fluoranthene	22.986	252	320388	4.305	ng/ul	100
91) Benzo(k)fluoranthene	23.033	252	304668	4.303	ng/ul	100
93) Benzo(a)pyrene	23.591	252	322682	4.407	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.109	276	360274	4.185	ng/ul	95
95) Dibenzo(a,h)anthracene	26.127	278	308238	4.157	ng/ul	98
96) Benzo(g,h,i)perylene	26.856	276	305765	4.153	ng/ul	97

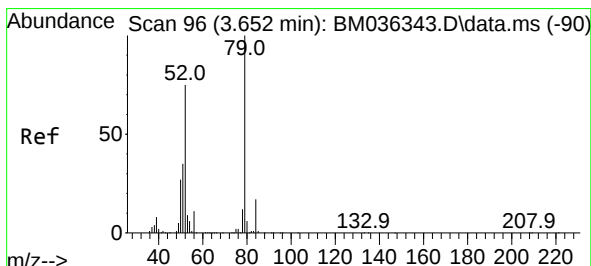
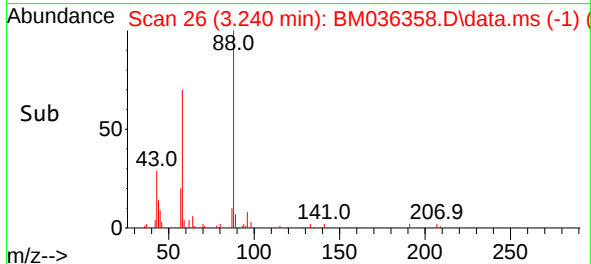
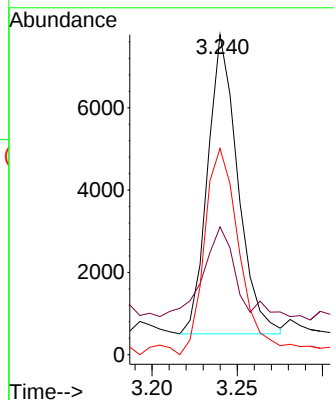
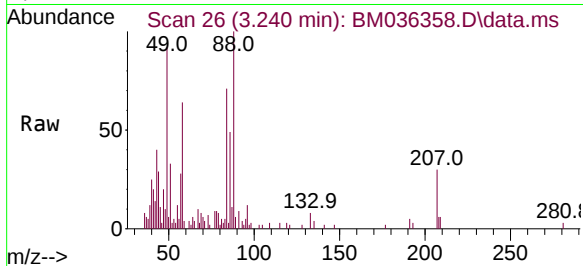
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#2
1,4-Dioxane
Concen: 0.984 ng/uL
RT: 3.240 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM036358.D
Acq: 19 Aug 2022 16:48

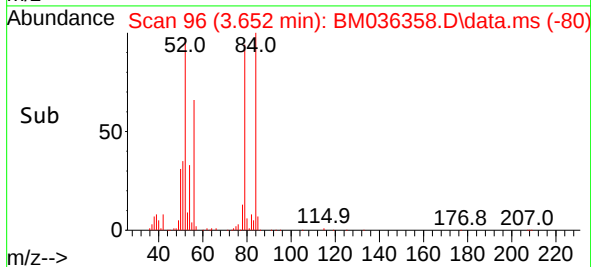
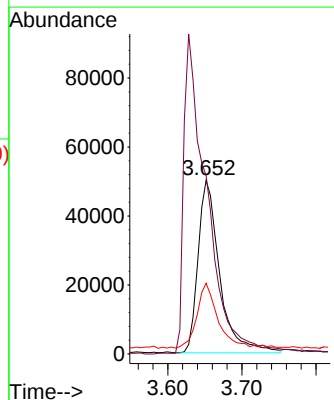
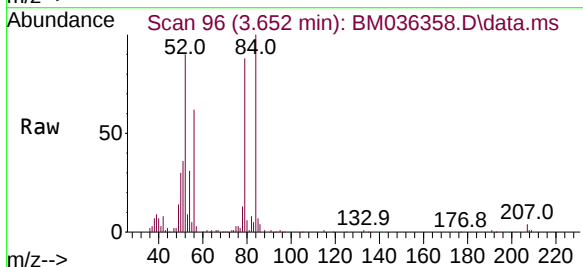
Instrument :
BNA_M
ClientSampleId :

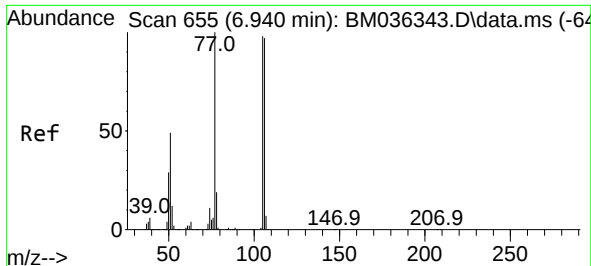
Tgt Ion	88	Resp	8961
Ion Ratio	100	Lower	Upper
43	40.0	27.8	41.8
58	64.4	61.8	92.8



#5
Pyridine
Concen: 4.123 ng/uL
RT: 3.652 min Scan# 96
Delta R.T. -0.006 min
Lab File: BM036358.D
Acq: 19 Aug 2022 16:48

Tgt Ion	79	Resp	101560
Ion Ratio	100	Lower	Upper
52	102.7	67.8	101.6
51	40.7	31.4	47.0

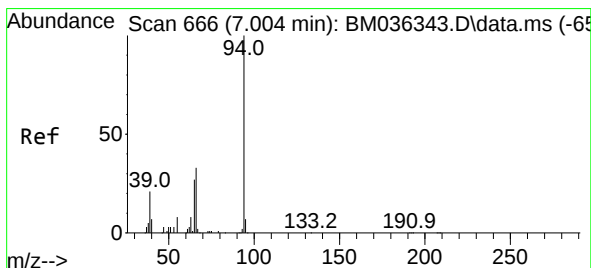
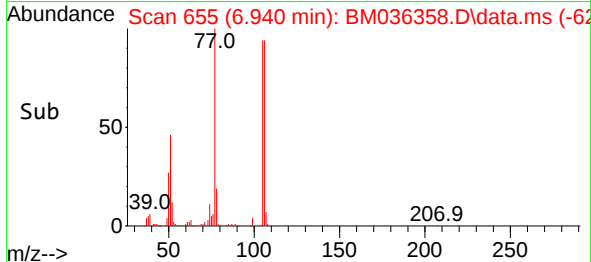
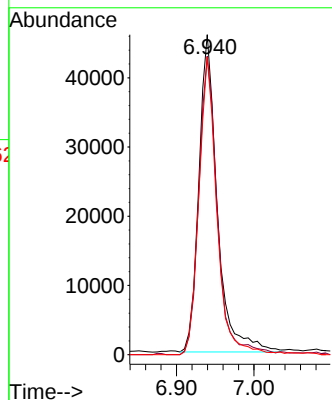
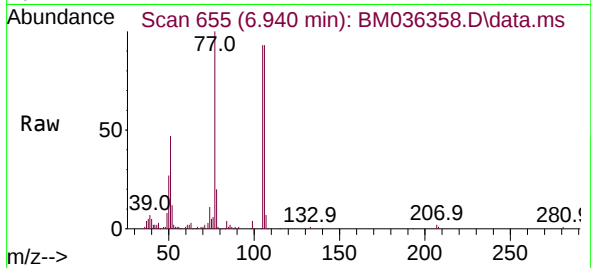




#6
Benzaldehyde
Concen: 6.560 ng/ul
RT: 6.940 min Scan# 655
Delta R.T. -0.012 min
Lab File: BM036358.D
Acq: 19 Aug 2022 16:48

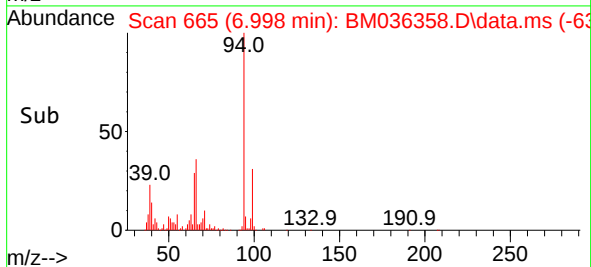
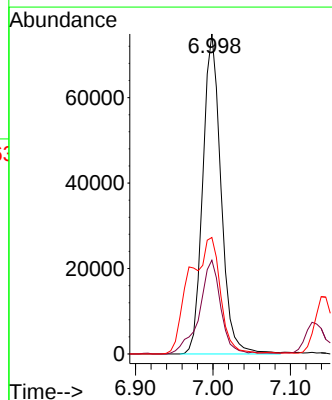
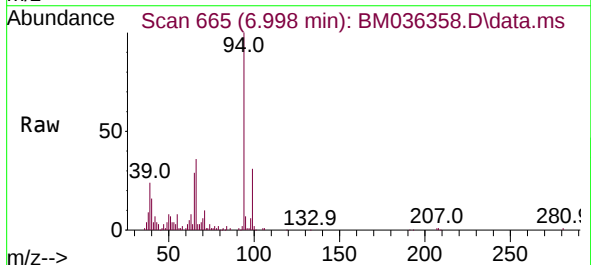
Instrument :
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ClientSampleId :

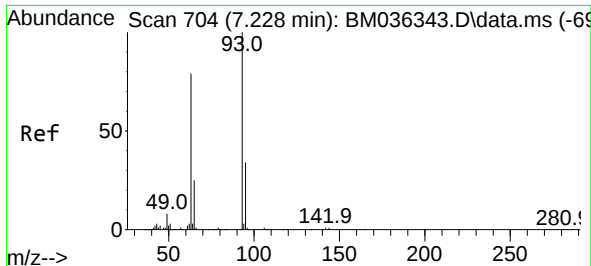
Tgt Ion: 77 Resp: 75793
Ion Ratio Lower Upper
77 100
105 93.4 84.6 127.0
106 93.1 80.3 120.5



#8
Phenol
Concen: 4.176 ng/ul
RT: 6.998 min Scan# 665
Delta R.T. -0.018 min
Lab File: BM036358.D
Acq: 19 Aug 2022 16:48

Tgt Ion: 94 Resp: 122107
Ion Ratio Lower Upper
94 100
65 29.3 21.3 31.9
66 36.4 27.4 41.0



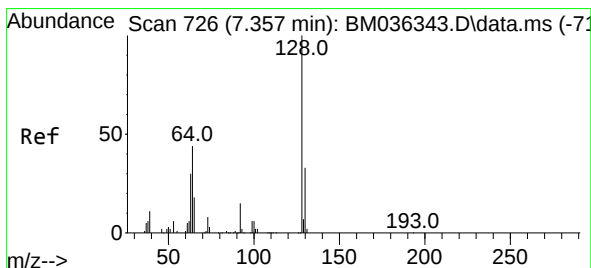
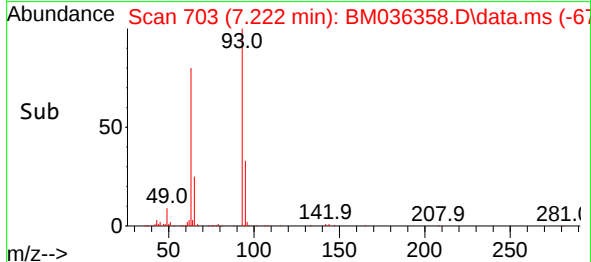
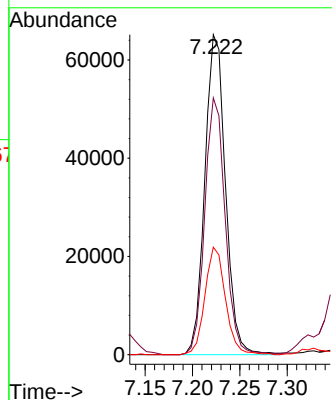
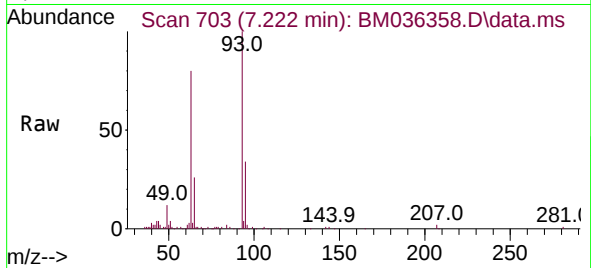


#10
 Bis(2-Chloroethyl)ether
 Concen: 4.220 ng/ul
 RT: 7.222 min Scan# 704
 Delta R.T. -0.012 min
 Lab File: BM036358.D
 Acq: 19 Aug 2022 16:48

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion: 93 Resp: 98706

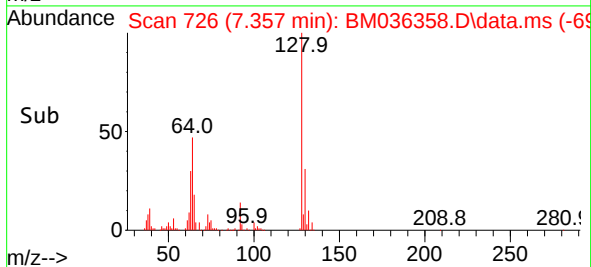
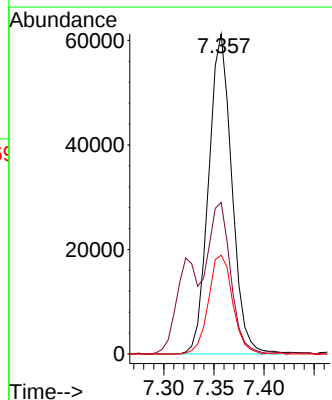
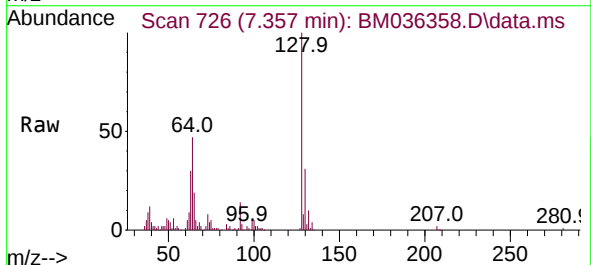
Ion	Ratio	Lower	Upper
93	100		
63	80.2	64.0	96.0
95	33.6	25.8	38.6

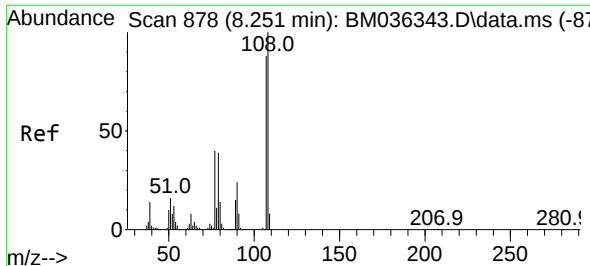


#12
 2-Chlorophenol
 Concen: 4.274 ng/ul
 RT: 7.357 min Scan# 726
 Delta R.T. -0.012 min
 Lab File: BM036358.D
 Acq: 19 Aug 2022 16:48

Tgt Ion:128 Resp: 98780

Ion	Ratio	Lower	Upper
128	100		
64	47.4	36.9	55.3
130	30.8	25.6	38.4

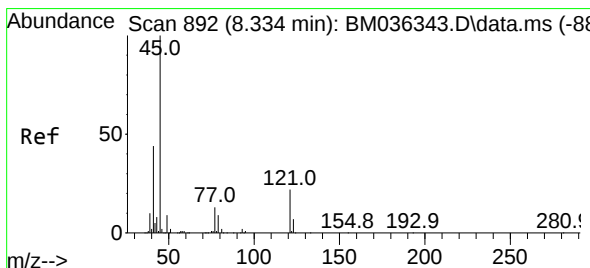
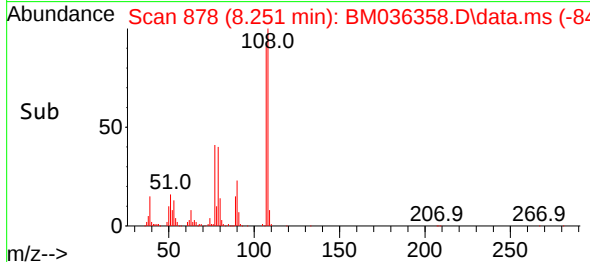
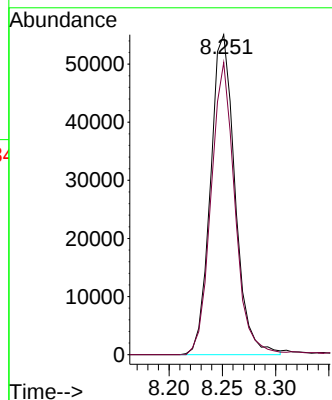
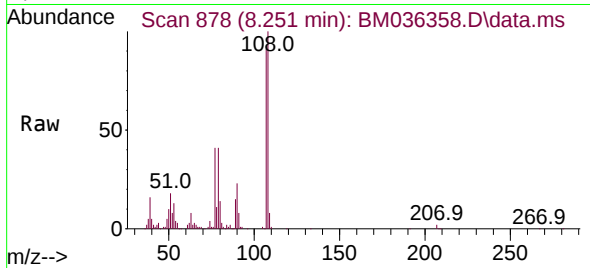




#13
2-Methylphenol
Concen: 4.084 ng/ul
RT: 8.251 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM036358.D
Acq: 19 Aug 2022 16:48

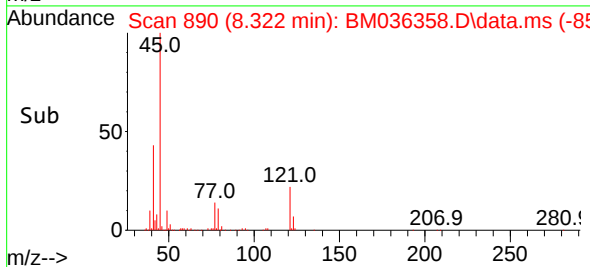
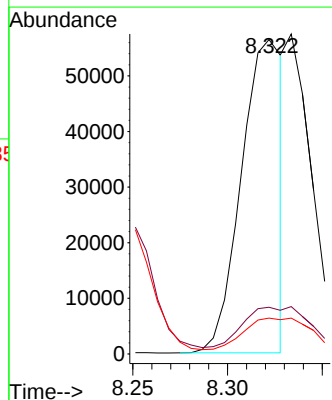
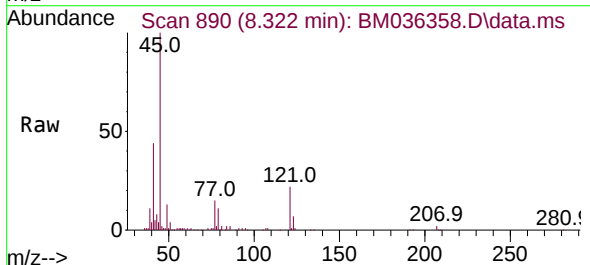
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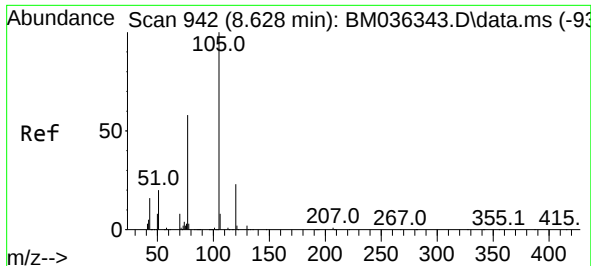
Tgt Ion:108 Resp: 88038
Ion Ratio Lower Upper
108 100
107 91.3 75.0 112.4



#14
2,2'-oxybis(1-Chloropropane)
Concen: 2.716 ng/ul
RT: 8.322 min Scan# 890
Delta R.T. -0.018 min
Lab File: BM036358.D
Acq: 19 Aug 2022 16:48

Tgt Ion: 45 Resp: 84980
Ion Ratio Lower Upper
45 100
77 14.9 10.6 15.8
79 11.4 8.3 12.5

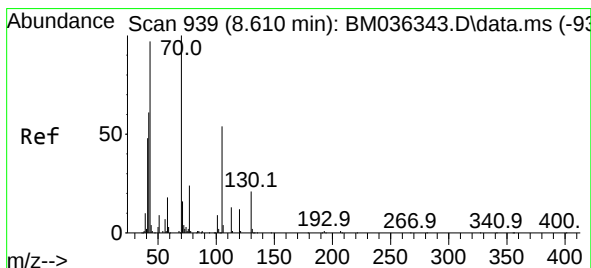
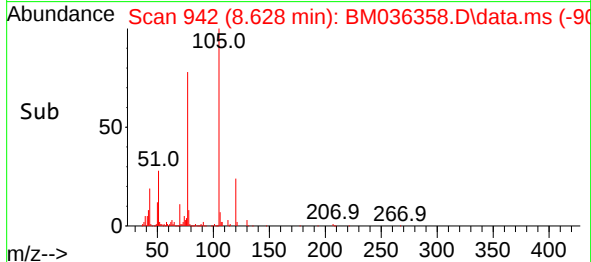
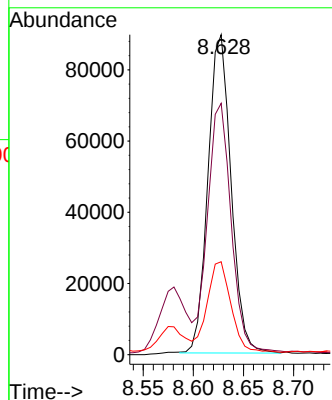
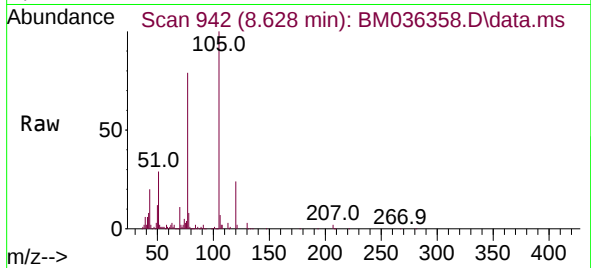




#16
Acetophenone
Concen: 4.250 ng/ul
RT: 8.628 min Scan# 942
Delta R.T. -0.006 min
Lab File: BM036358.D
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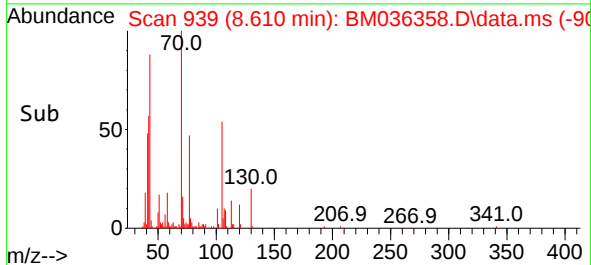
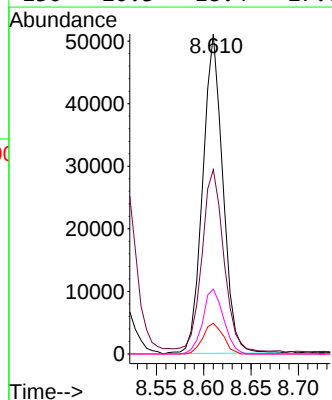
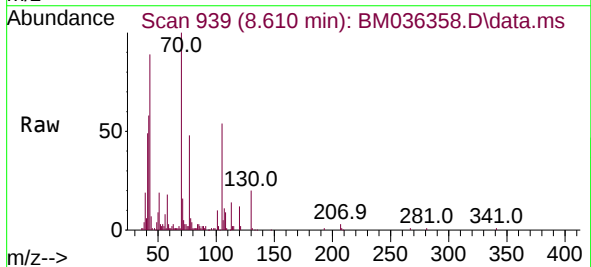
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ClientSampleId :

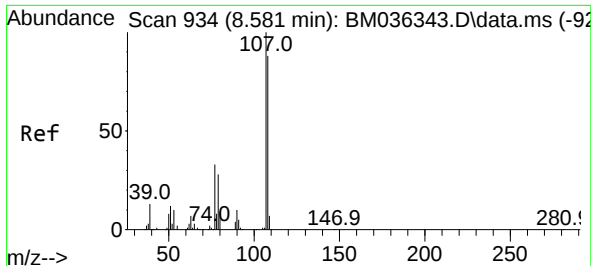
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Ion Ratio Lower Upper
105 100
77 78.5 59.8 89.6
51 29.1 22.1 33.1



#17
N-Nitroso-di-n-propylamine
Concen: 4.490 ng/ul
RT: 8.610 min Scan# 939
Delta R.T. -0.012 min
Lab File: BM036358.D
Acq: 19 Aug 2022 16:48

Tgt Ion: 70 Resp: 75479
Ion Ratio Lower Upper
70 100
42 57.6 49.6 74.4
101 9.6 8.1 12.1
130 20.3 18.4 27.6

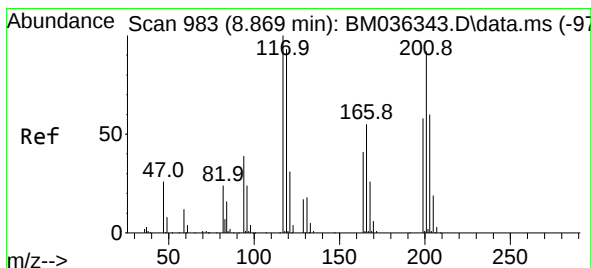
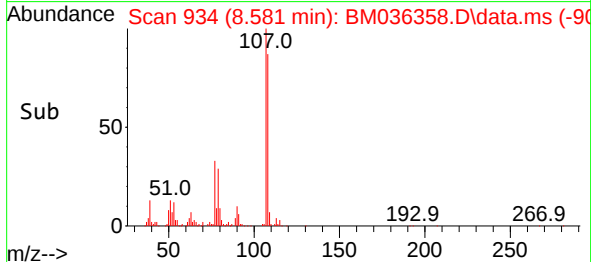
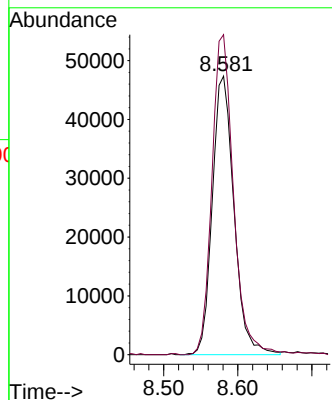
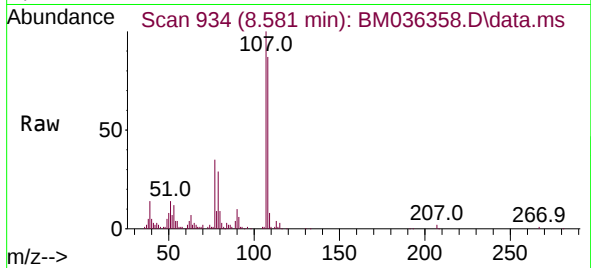




#18
4-Methylphenol
Concen: 4.175 ng/ul
RT: 8.581 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM036358.D
Acq: 19 Aug 2022 16:48

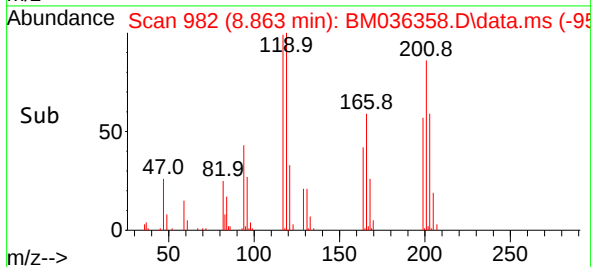
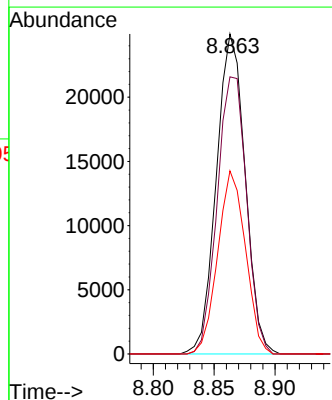
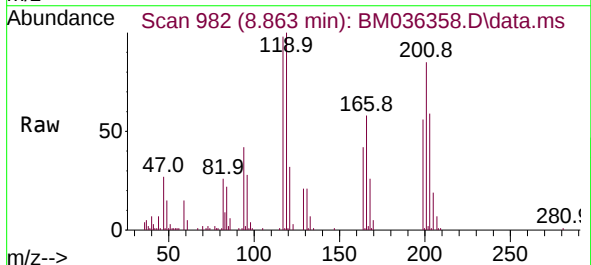
Instrument :
BNA_M
ClientSampleId :

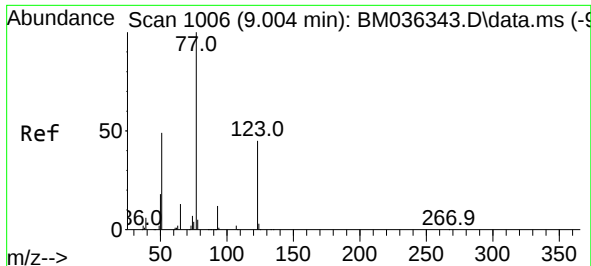
Tgt Ion:108 Resp: 96327
Ion Ratio Lower Upper
108 100
107 114.9 90.3 135.5



#19
Hexachloroethane
Concen: 4.242 ng/ul
RT: 8.863 min Scan# 982
Delta R.T. -0.012 min
Lab File: BM036358.D
Acq: 19 Aug 2022 16:48

Tgt Ion:117 Resp: 41016
Ion Ratio Lower Upper
117 100
201 86.6 81.8 122.6
199 58.2 51.6 77.4

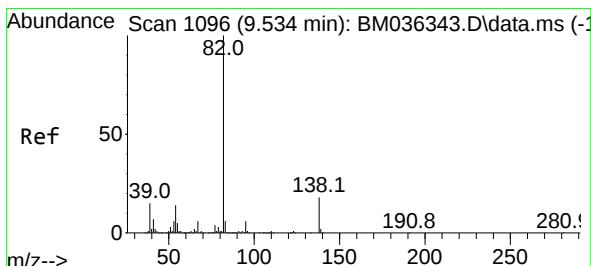
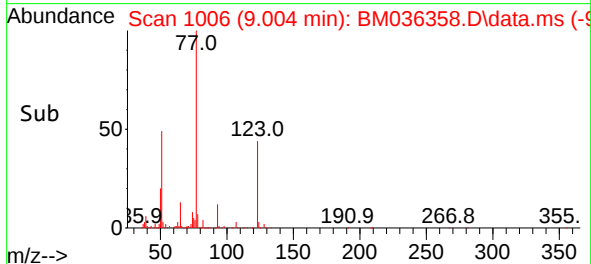
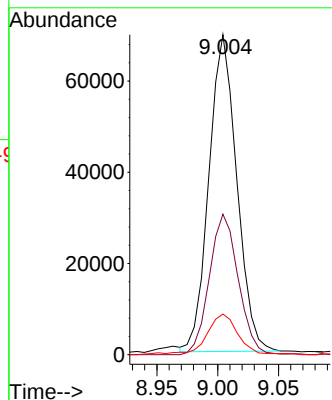
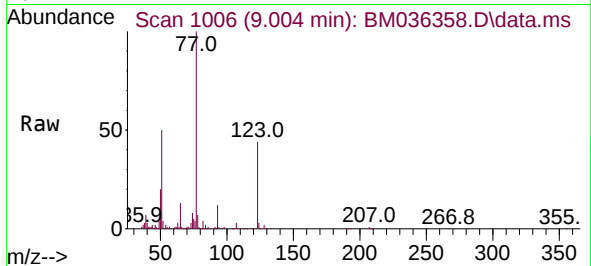




#22
Nitrobenzene
Concen: 4.335 ng/ul
RT: 9.004 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BM036358.D
Acq: 19 Aug 2022 16:48

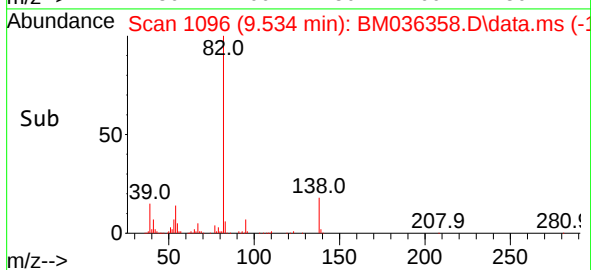
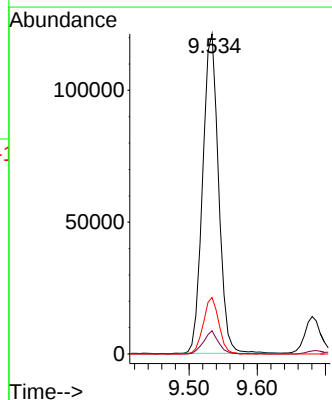
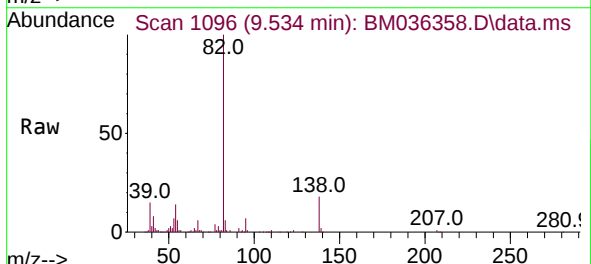
Instrument :
BNA_M
ClientSampleId :

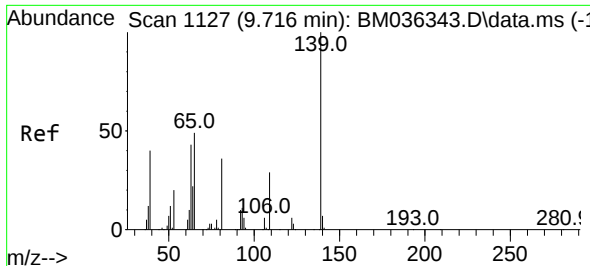
Tgt Ion: 77 Resp: 110787
Ion Ratio Lower Upper
77 100
123 43.9 37.4 56.0
65 12.7 10.8 16.2



#23
Isophorone
Concen: 4.327 ng/ul
RT: 9.534 min Scan# 1096
Delta R.T. -0.006 min
Lab File: BM036358.D
Acq: 19 Aug 2022 16:48

Tgt Ion: 82 Resp: 196402
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 17.6 15.3 22.9

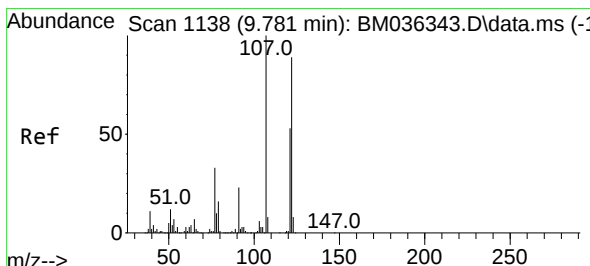
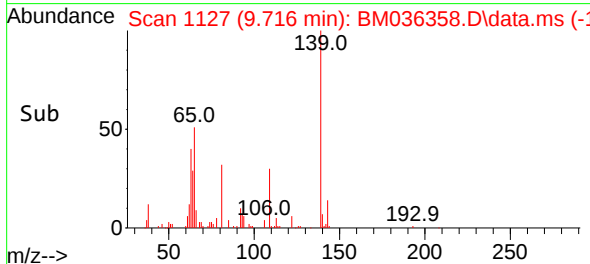
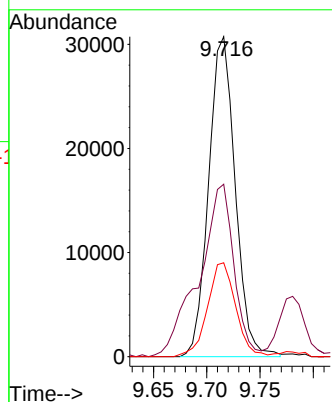
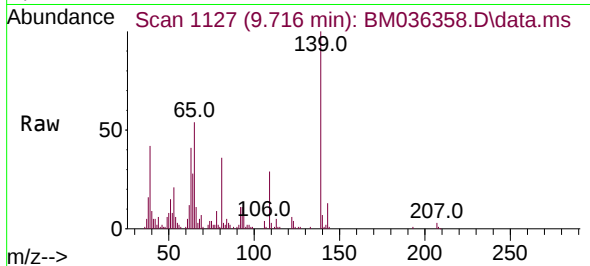




#25
2-Nitrophenol
Concen: 4.375 ng/ul
RT: 9.716 min Scan# 1127
Delta R.T. -0.012 min
Lab File: BM036358.D
Acq: 19 Aug 2022 16:48

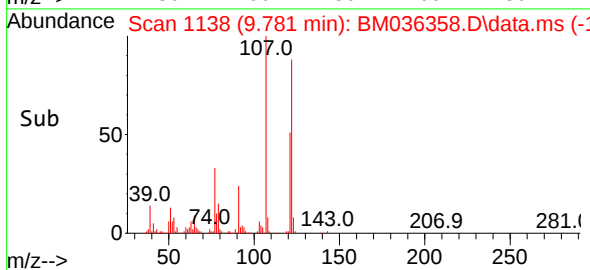
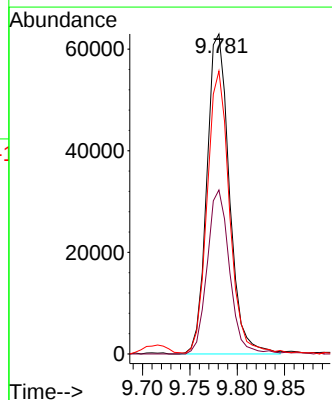
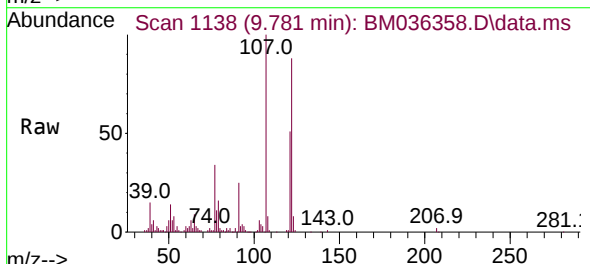
Instrument :
BNA_M
ClientSampleId :

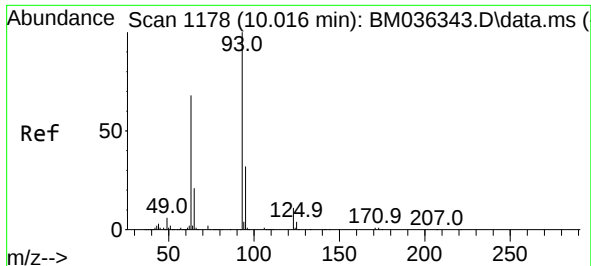
Tgt Ion:139 Resp: 53331
Ion Ratio Lower Upper
139 100
65 53.9 39.8 59.6
109 29.3 22.2 33.4



#26
2,4-Dimethylphenol
Concen: 4.284 ng/ul
RT: 9.781 min Scan# 1138
Delta R.T. -0.012 min
Lab File: BM036358.D
Acq: 19 Aug 2022 16:48

Tgt Ion:107 Resp: 104430
Ion Ratio Lower Upper
107 100
121 51.2 42.7 64.1
122 88.4 71.5 107.3





#27

Bis(2-Chloroethoxy)methane

Concen: 4.366 ng/ul

RT: 10.016 min Scan# 1178

Delta R.T. -0.012 min

Lab File: BM036358.D

Acq: 19 Aug 2022 16:48

Instrument :

BNA_M

ClientSampleId :

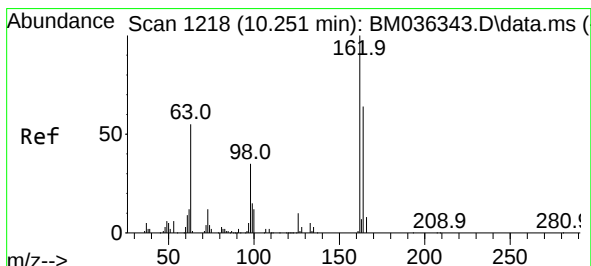
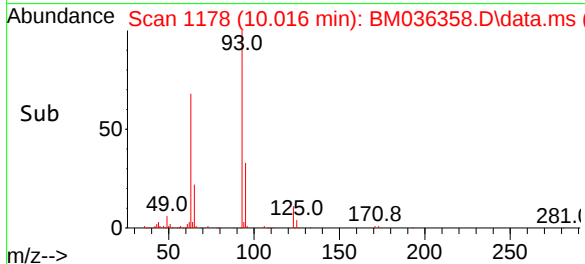
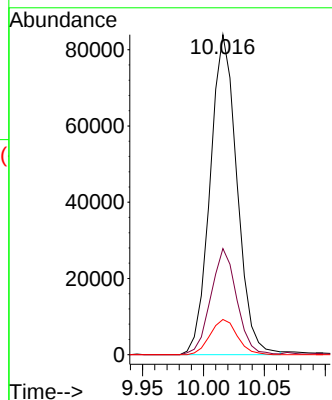
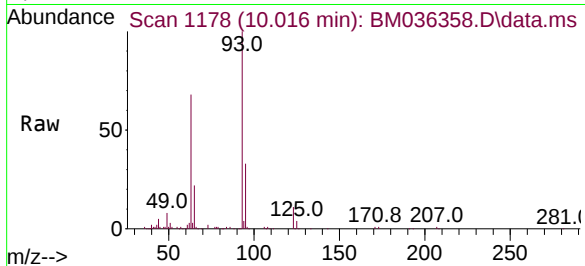
Tgt Ion: 93 Resp: 129010

Ion Ratio Lower Upper

93 100

95 33.2 26.1 39.1

123 11.0 9.4 14.0



#29

2,4-Dichlorophenol

Concen: 4.314 ng/ul

RT: 10.251 min Scan# 1218

Delta R.T. -0.012 min

Lab File: BM036358.D

Acq: 19 Aug 2022 16:48

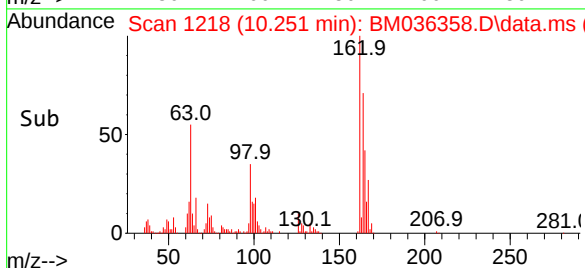
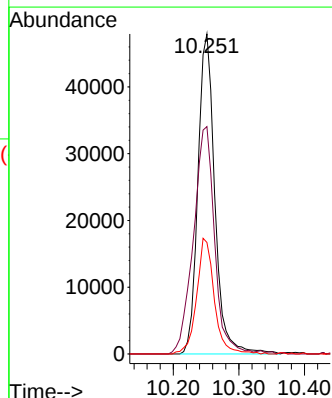
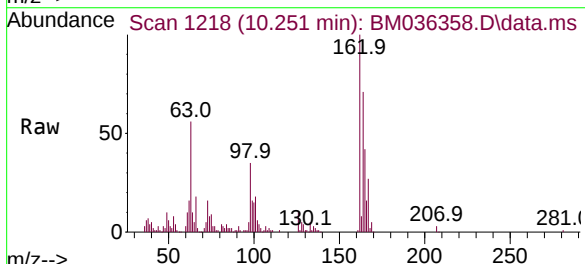
Tgt Ion:162 Resp: 86284

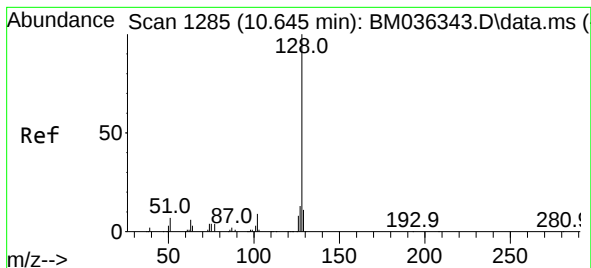
Ion Ratio Lower Upper

162 100

164 71.1 51.8 77.6

98 34.9 29.5 44.3

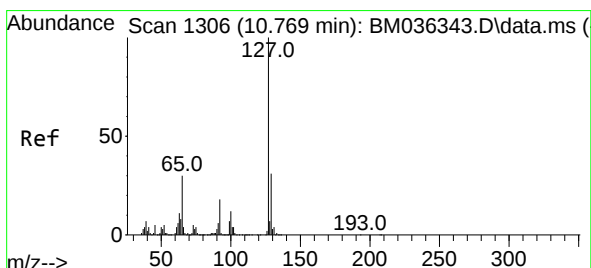
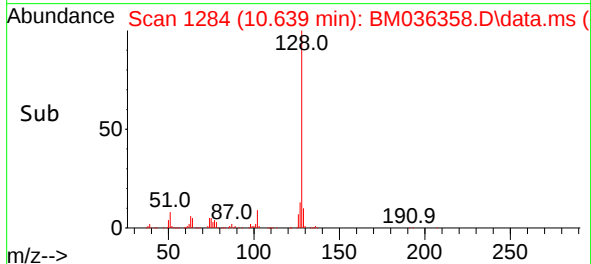
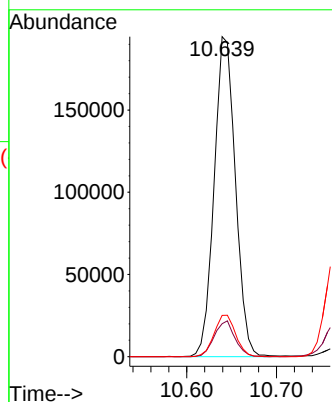
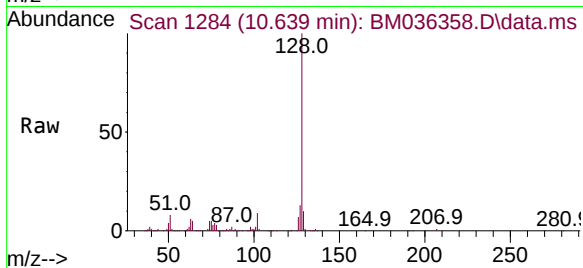




#30
Naphthalene
Concen: 4.301 ng/ul
RT: 10.639 min Scan# 1284
Delta R.T. -0.012 min
Lab File: BM036358.D
Acq: 19 Aug 2022 16:48

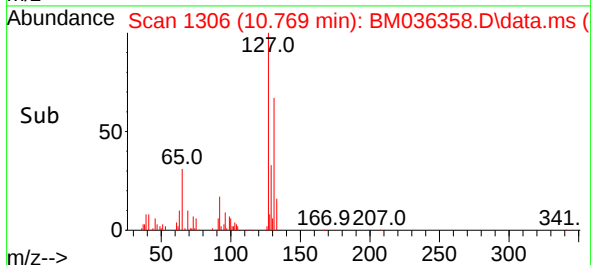
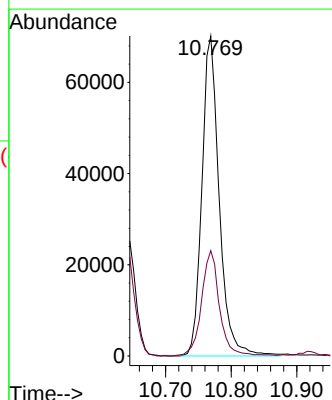
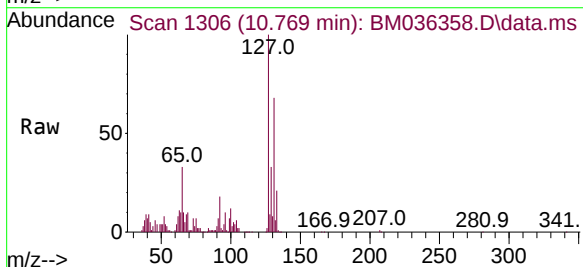
Instrument :
BNA_M
ClientSampleId :

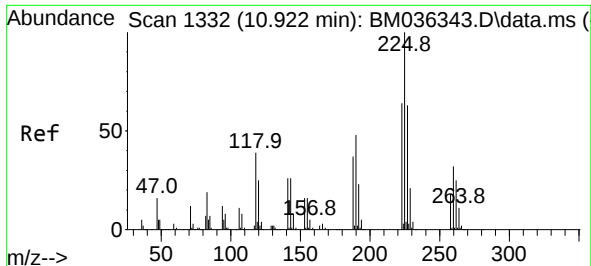
Tgt Ion:128 Resp: 321127
Ion Ratio Lower Upper
128 100
129 10.3 8.8 13.2
127 12.9 10.6 16.0



#32
4-Chloroaniline
Concen: 4.183 ng/ul
RT: 10.769 min Scan# 1306
Delta R.T. -0.012 min
Lab File: BM036358.D
Acq: 19 Aug 2022 16:48

Tgt Ion:127 Resp: 128960
Ion Ratio Lower Upper
127 100
129 32.9 25.3 37.9

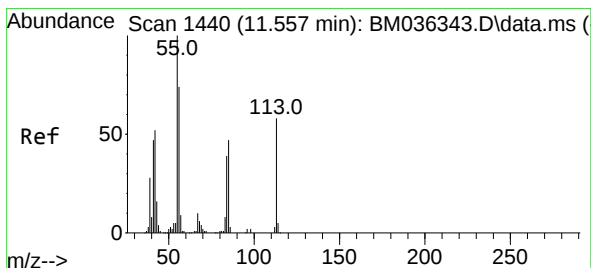
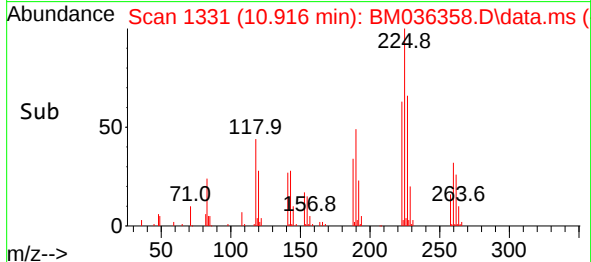
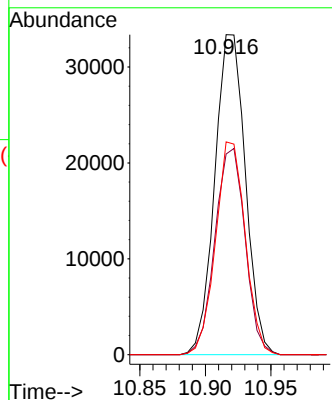
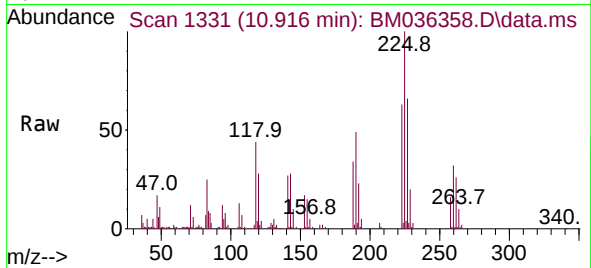




#33
Hexachlorobutadiene
Concen: 4.321 ng/ul
RT: 10.916 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM036358.D
Acq: 19 Aug 2022 16:48

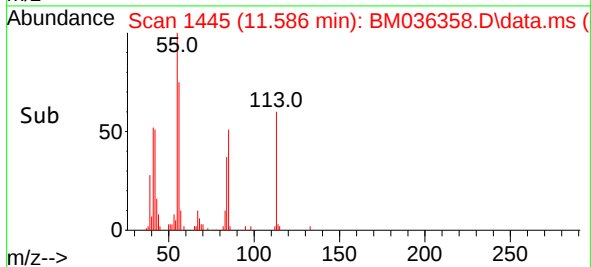
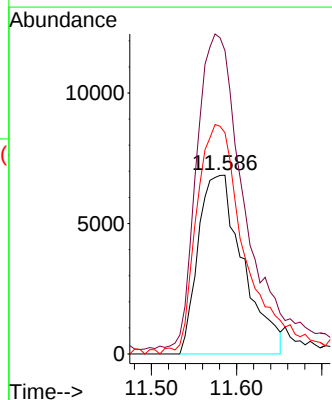
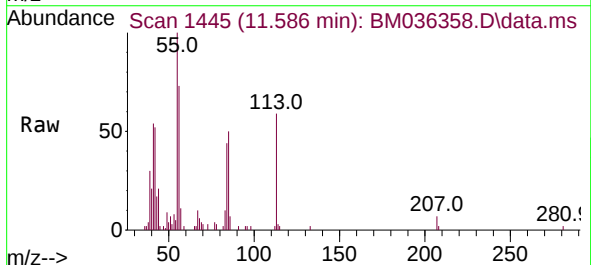
Instrument :
BNA_M
ClientSampleId :

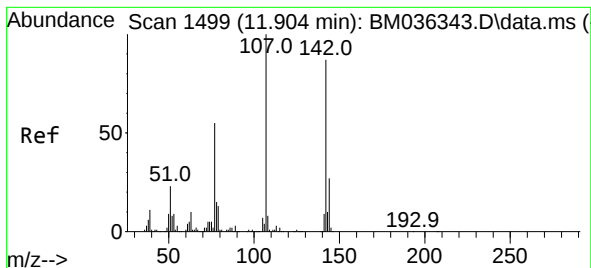
Tgt Ion:225 Resp: 54302
Ion Ratio Lower Upper
225 100
223 65.3 50.0 75.0
227 66.5 49.9 74.9



#34
Caprolactam
Concen: 4.176 ng/ul
RT: 11.586 min Scan# 1445
Delta R.T. 0.018 min
Lab File: BM036358.D
Acq: 19 Aug 2022 16:48

Tgt Ion:113 Resp: 25028
Ion Ratio Lower Upper
113 100
55 169.7 150.2 225.4
56 123.8 102.1 153.1

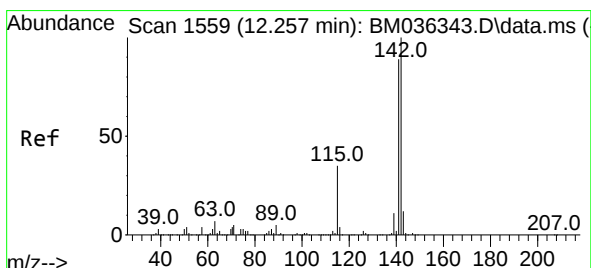
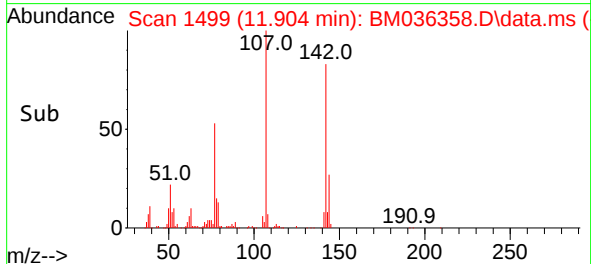
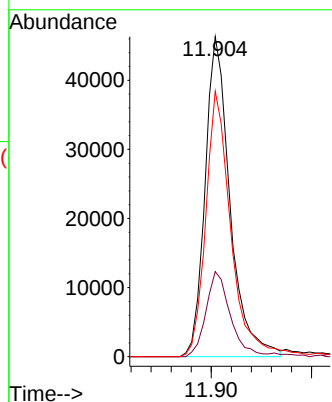
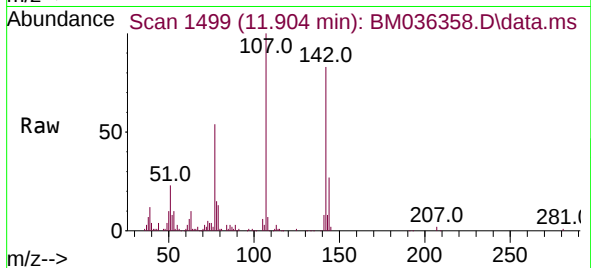




#35
4-Chloro-3-methylphenol
Concen: 3.969 ng/ul
RT: 11.904 min Scan# 1499
Delta R.T. -0.012 min
Lab File: BM036358.D
Acq: 19 Aug 2022 16:48

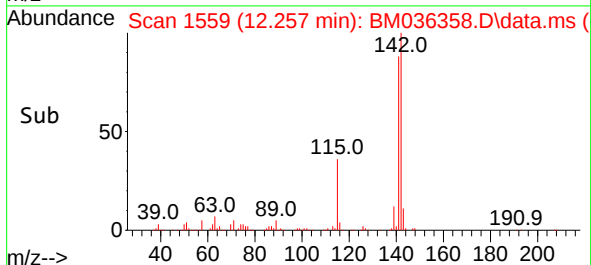
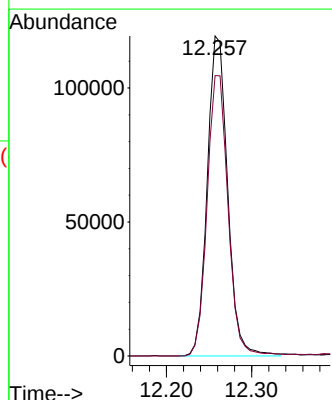
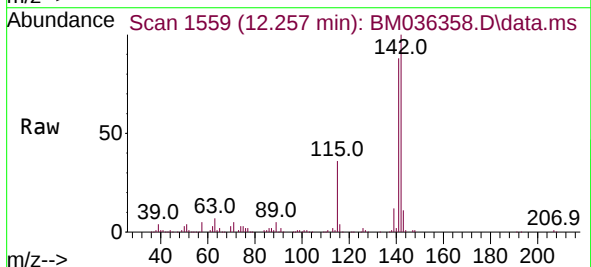
Instrument :
BNA_M
ClientSampleId :

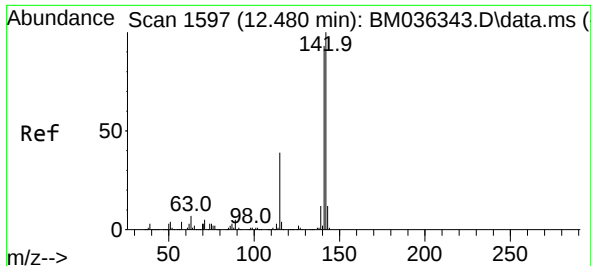
Tgt Ion:107 Resp: 80262
Ion Ratio Lower Upper
107 100
144 26.6 20.3 30.5
142 82.9 64.4 96.6



#36
2-Methylnaphthalene
Concen: 4.232 ng/ul
RT: 12.257 min Scan# 1559
Delta R.T. -0.012 min
Lab File: BM036358.D
Acq: 19 Aug 2022 16:48

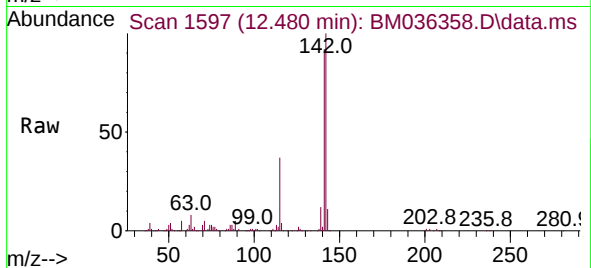
Tgt Ion:142 Resp: 198287
Ion Ratio Lower Upper
142 100
141 87.6 70.7 106.1



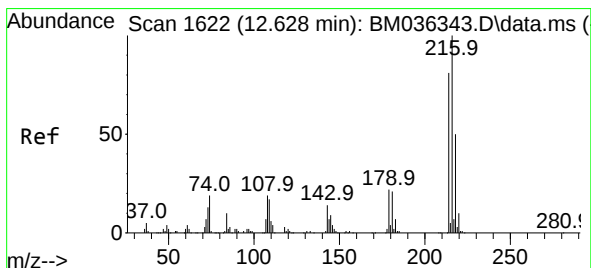
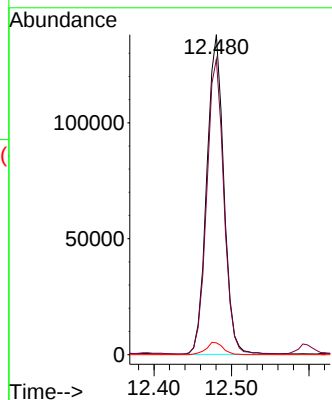
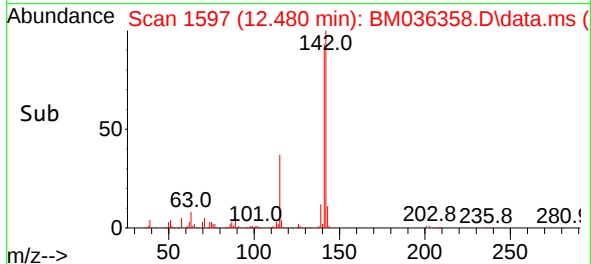


#37
1-Methylnaphthalene
Concen: 4.463 ng/ul
RT: 12.480 min Scan# 1597
Delta R.T. -0.006 min
Lab File: BM036358.D
Acq: 19 Aug 2022 16:48

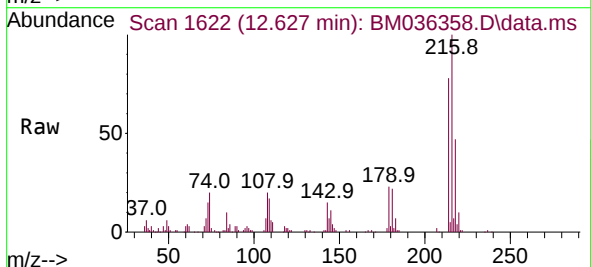
Instrument :
BNA_M
ClientSampleId :



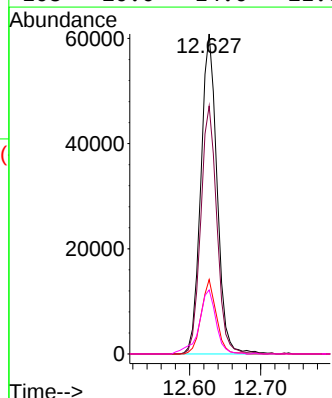
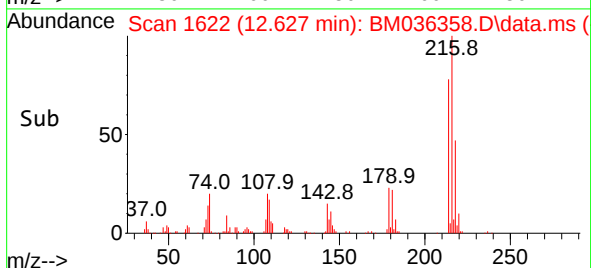
Tgt Ion:142 Resp: 210578
Ion Ratio Lower Upper
142 100
141 92.3 75.2 112.8
116 3.7 2.6 3.8

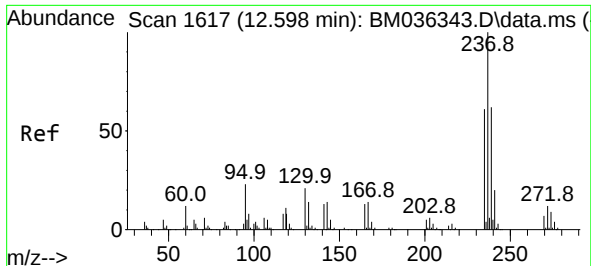


#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.476 ng/ul
RT: 12.627 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BM036358.D
Acq: 19 Aug 2022 16:48



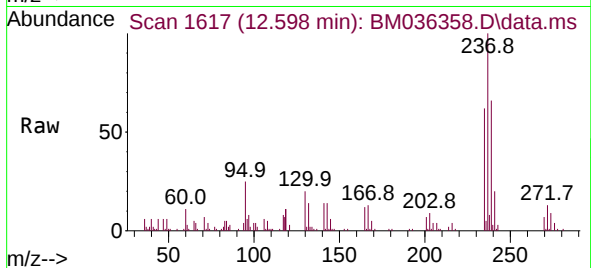
Tgt Ion:216 Resp: 96775
Ion Ratio Lower Upper
216 100
214 77.5 62.4 93.6
179 23.2 17.3 25.9
108 20.0 14.0 21.0



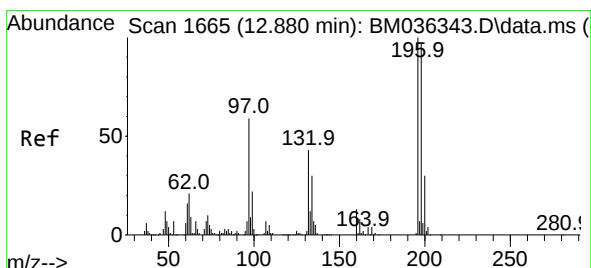
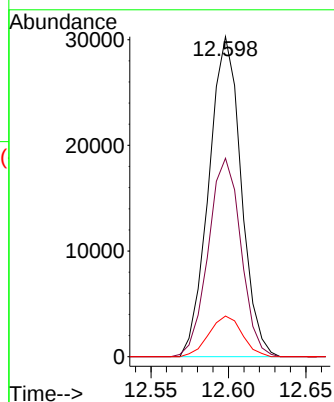
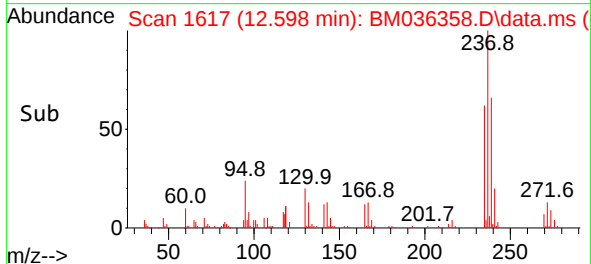


#40
Hexachlorocyclopentadiene
Concen: 3.422 ng/ul
RT: 12.598 min Scan# 1617
Delta R.T. -0.012 min
Lab File: BM036358.D
Acq: 19 Aug 2022 16:48

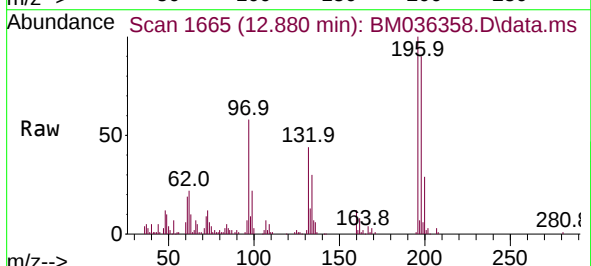
Instrument :
BNA_M
ClientSampleId :



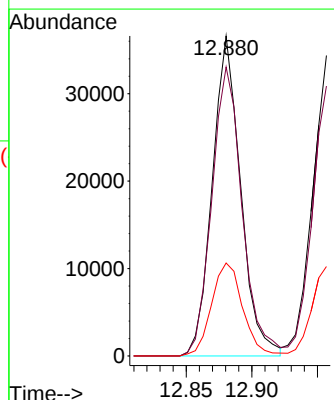
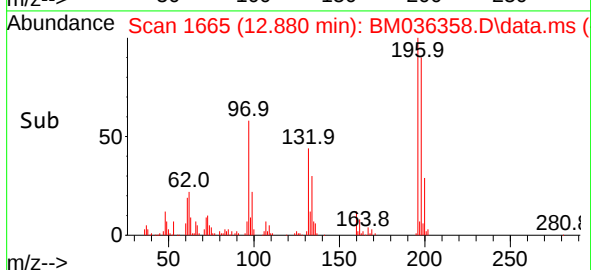
Tgt Ion:237 Resp: 43885
Ion Ratio Lower Upper
237 100
235 57.5 48.4 72.6
272 12.4 11.6 17.4

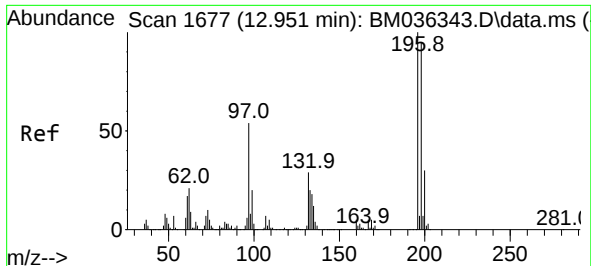


#41
2,4,6-Trichlorophenol
Concen: 4.054 ng/ul
RT: 12.880 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BM036358.D
Acq: 19 Aug 2022 16:48



Tgt Ion:196 Resp: 55149
Ion Ratio Lower Upper
196 100
198 90.3 77.8 116.6
200 29.0 25.0 37.6

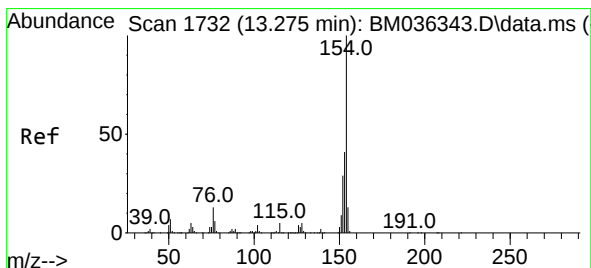
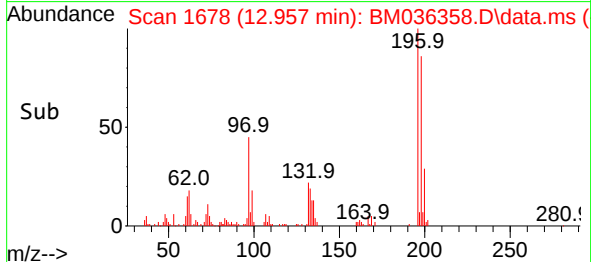
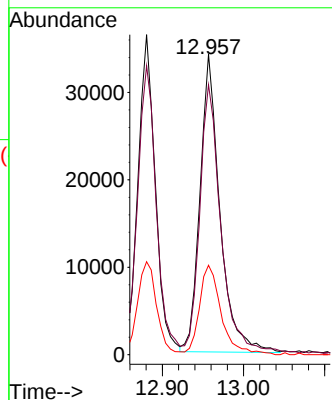
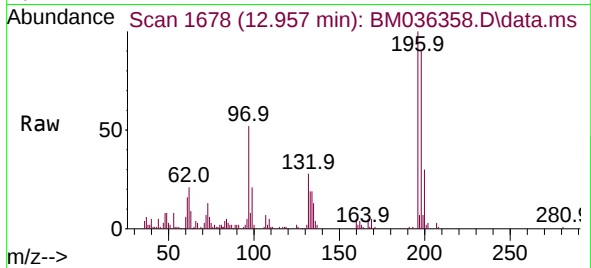




#42
2,4,5-Trichlorophenol
Concen: 4.032 ng/ul
RT: 12.957 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM036358.D
Acq: 19 Aug 2022 16:48

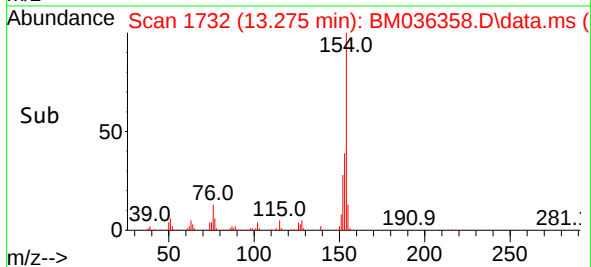
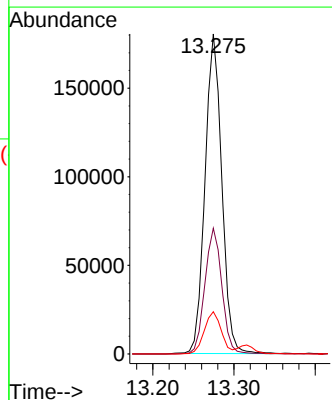
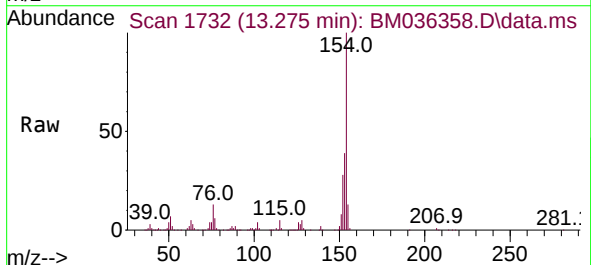
Instrument :
BNA_M
ClientSampleId :

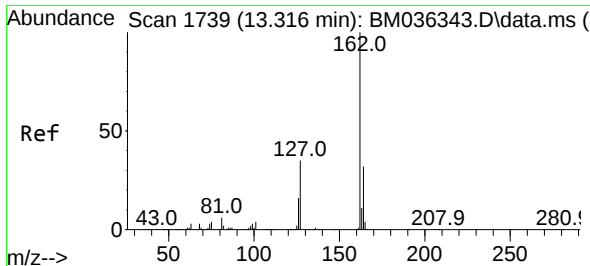
Tgt Ion:196 Resp: 58181
Ion Ratio Lower Upper
196 100
198 89.8 76.8 115.2
200 29.8 24.9 37.3



#43
1,1'-Biphenyl
Concen: 4.394 ng/ul
RT: 13.275 min Scan# 1732
Delta R.T. -0.012 min
Lab File: BM036358.D
Acq: 19 Aug 2022 16:48

Tgt Ion:154 Resp: 258502
Ion Ratio Lower Upper
154 100
153 39.3 32.4 48.6
76 13.2 10.1 15.1

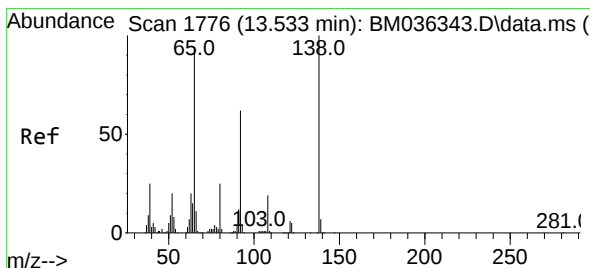
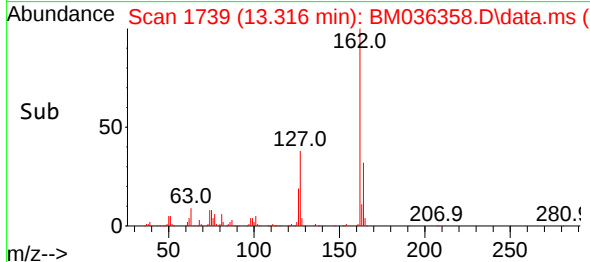
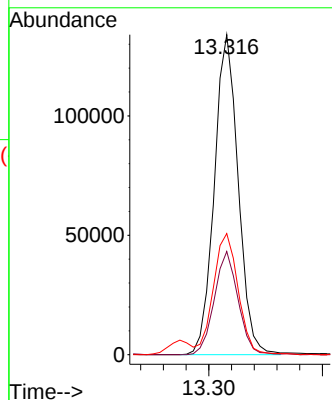
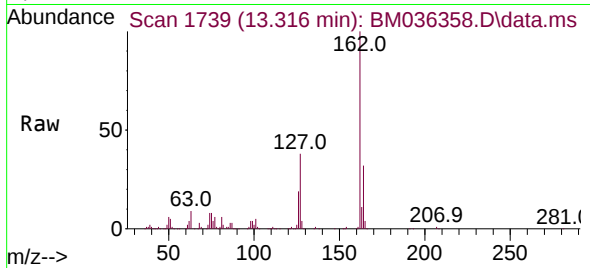




#44
2-Chloronaphthalene
Concen: 4.338 ng/ul
RT: 13.316 min Scan# 1739
Delta R.T. -0.006 min
Lab File: BM036358.D
Acq: 19 Aug 2022 16:48

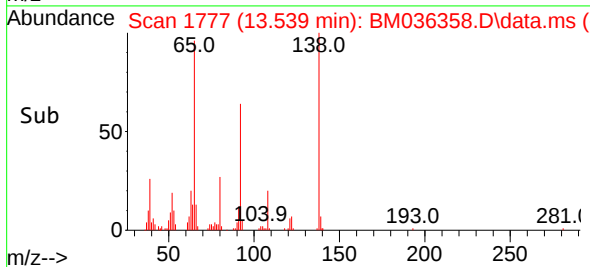
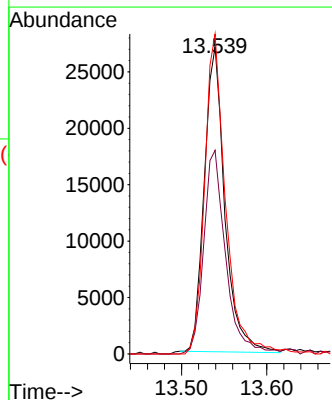
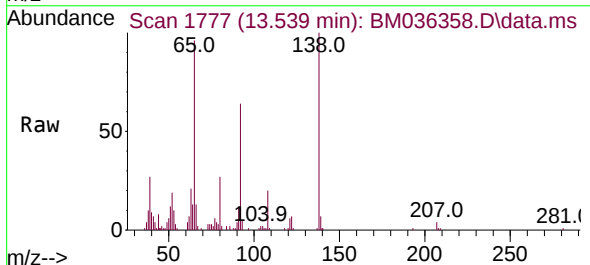
Instrument :
BNA_M
ClientSampleId :

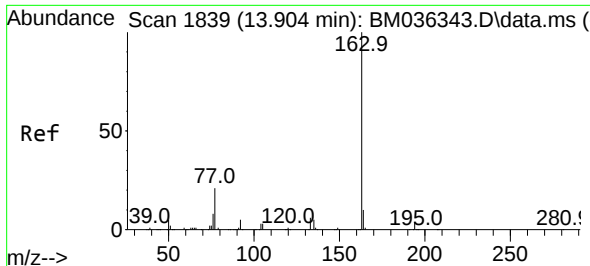
Tgt Ion:162 Resp: 195799
Ion Ratio Lower Upper
162 100
164 32.3 25.4 38.0
127 37.9 31.6 47.4



#45
2-Nitroaniline
Concen: 3.704 ng/ul
RT: 13.539 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BM036358.D
Acq: 19 Aug 2022 16:48

Tgt Ion: 65 Resp: 45270
Ion Ratio Lower Upper
65 100
92 66.3 54.5 81.7
138 104.2 91.2 136.8

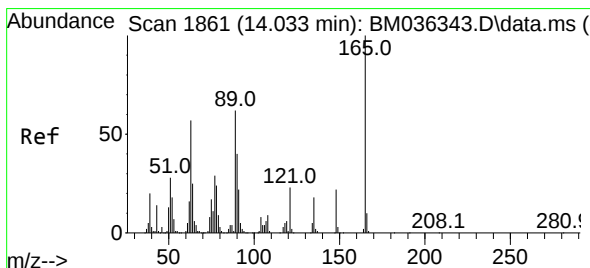
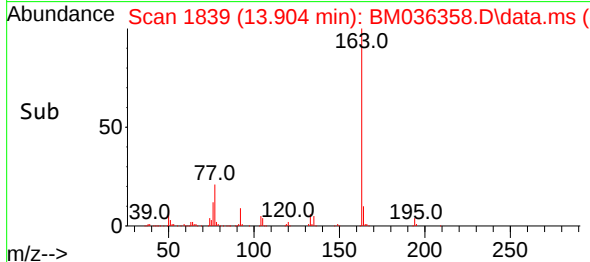
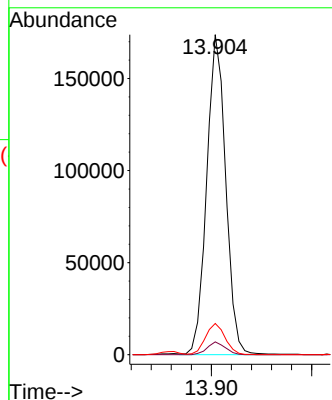
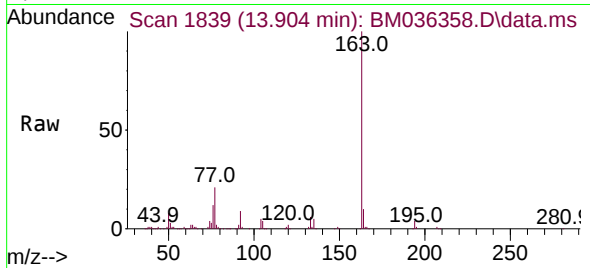




#47
Dimethylphthalate
Concen: 4.495 ng/ul
RT: 13.904 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BM036358.D
Acq: 19 Aug 2022 16:48

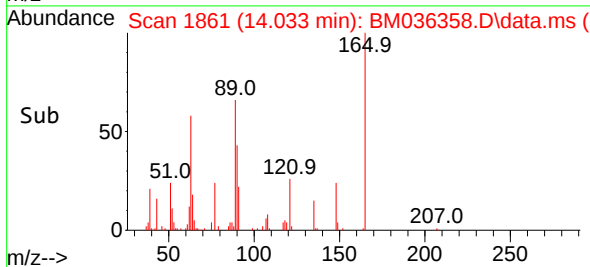
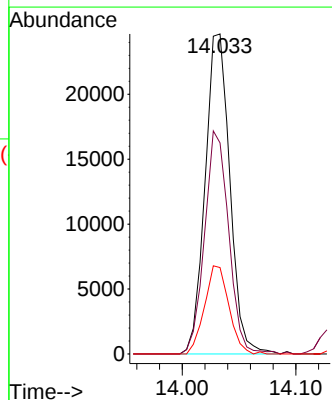
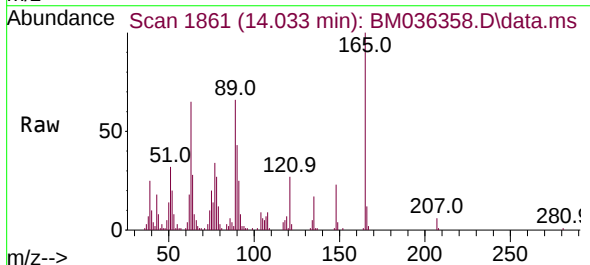
Instrument :
BNA_M
ClientSampleId :

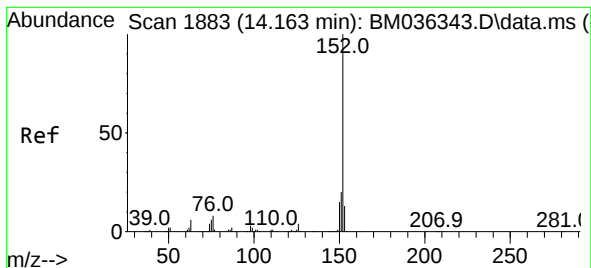
Tgt Ion:163 Resp: 228947
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 9.8 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 3.882 ng/ul
RT: 14.033 min Scan# 1861
Delta R.T. -0.006 min
Lab File: BM036358.D
Acq: 19 Aug 2022 16:48

Tgt Ion:165 Resp: 37306
Ion Ratio Lower Upper
165 100
89 65.9 42.5 63.7#
121 27.0 17.2 25.8#





#50

Acenaphthylene

Concen: 4.426 ng/ul

RT: 14.163 min Scan# 1883

Delta R.T. -0.006 min

Lab File: BM036358.D

Acq: 19 Aug 2022 16:48

Instrument :

BNA_M

ClientSampleId :

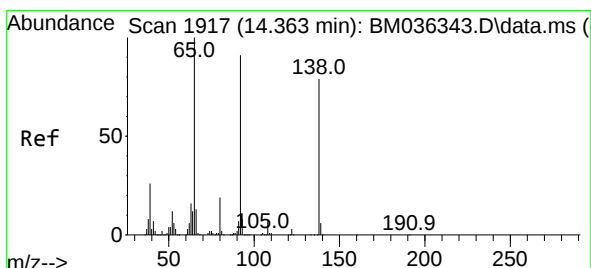
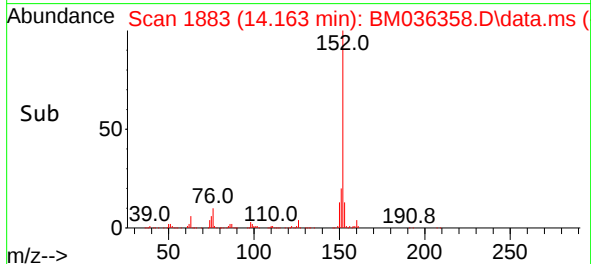
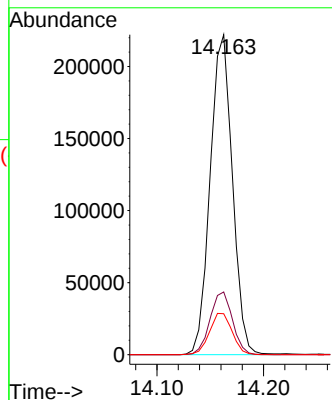
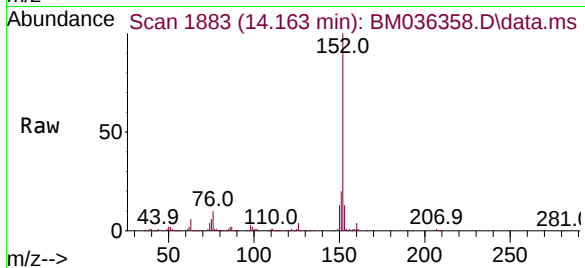
Tgt Ion:152 Resp: 322156

Ion Ratio Lower Upper

152 100

151 19.6 16.1 24.1

153 12.8 10.6 15.8



#51

3-Nitroaniline

Concen: 3.592 ng/ul

RT: 14.369 min Scan# 1918

Delta R.T. 0.000 min

Lab File: BM036358.D

Acq: 19 Aug 2022 16:48

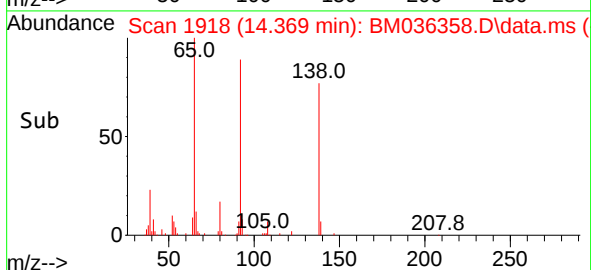
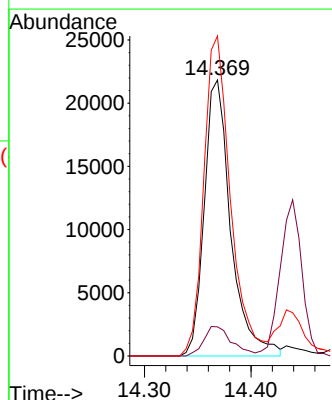
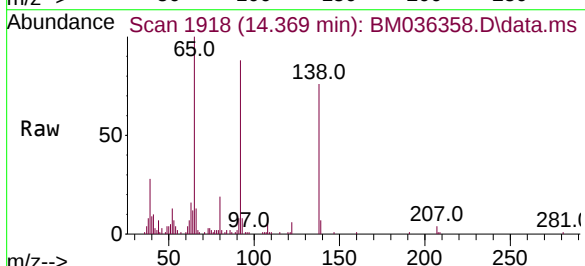
Tgt Ion:138 Resp: 37752

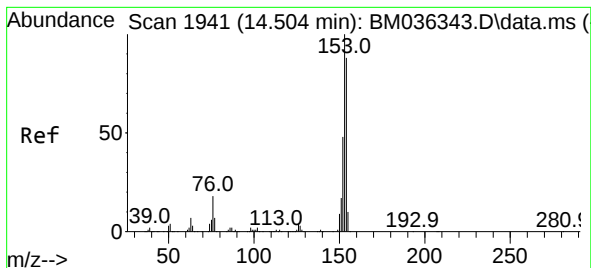
Ion Ratio Lower Upper

138 100

108 10.5 8.1 12.1

92 115.9 90.4 135.6





#52

Acenaphthene

Concen: 4.383 ng/ul

RT: 14.504 min Scan# 1941

Delta R.T. -0.006 min

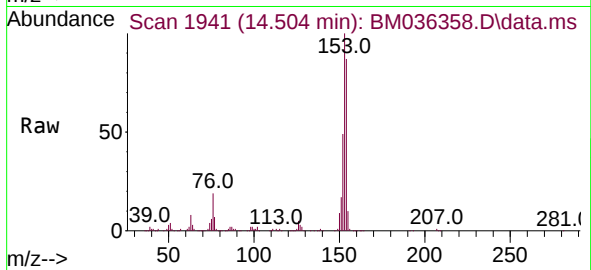
Lab File: BM036358.D

Acq: 19 Aug 2022 16:48

Instrument :

BNA_M

ClientSampleId :



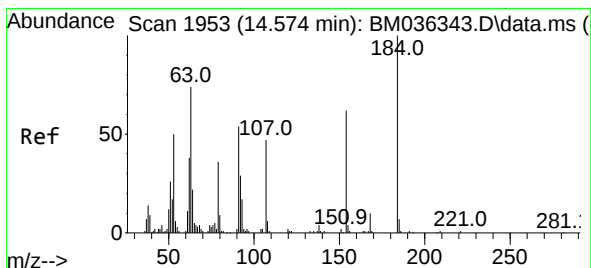
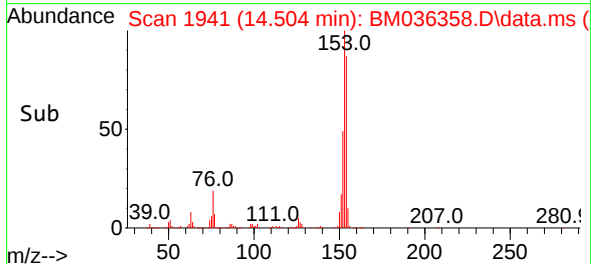
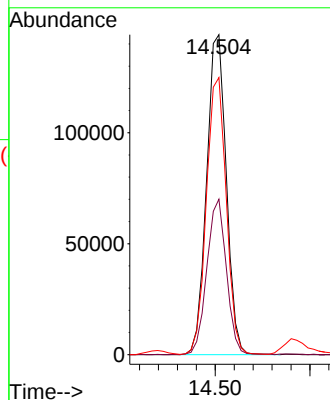
Tgt Ion:153 Resp: 207910

Ion Ratio Lower Upper

153 100

152 48.6 37.1 55.7

154 86.6 71.3 106.9



#53

2,4-Dinitrophenol

Concen: 4.025 ng/ul

RT: 14.580 min Scan# 1954

Delta R.T. -0.006 min

Lab File: BM036358.D

Acq: 19 Aug 2022 16:48

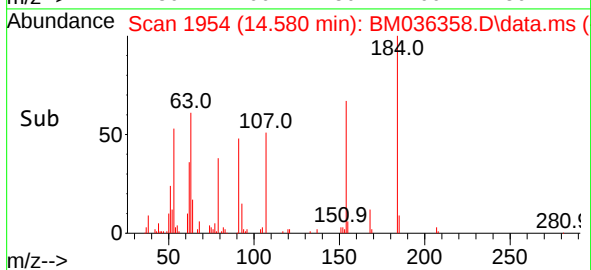
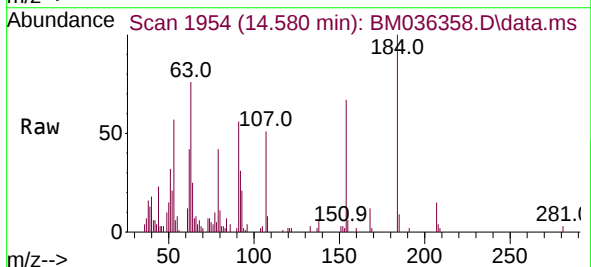
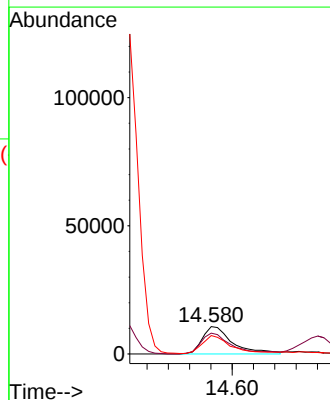
Tgt Ion:184 Resp: 21078

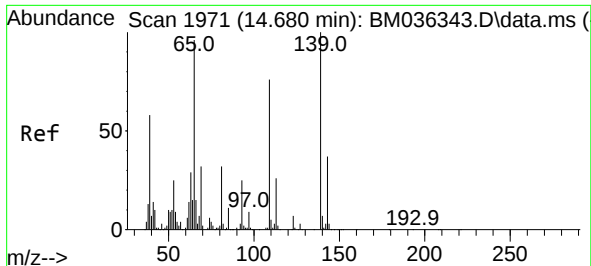
Ion Ratio Lower Upper

184 100

63 76.1 54.2 81.4

154 67.3 49.3 73.9

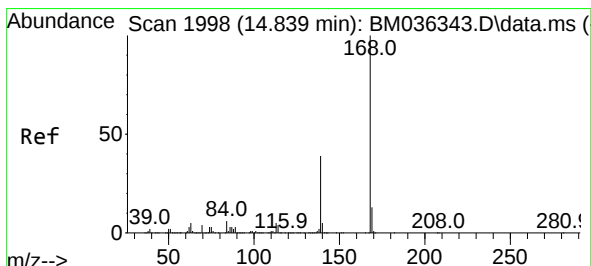
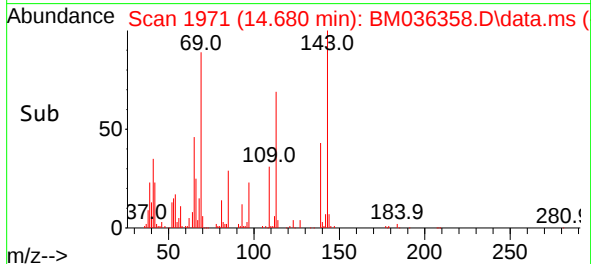
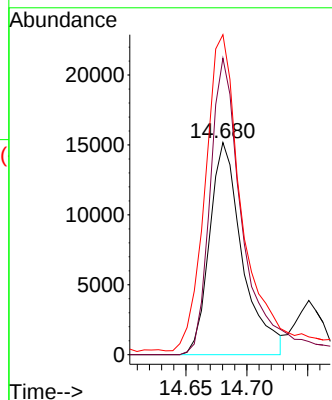
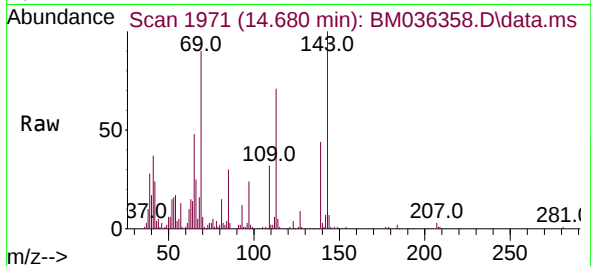




#55
4-Nitrophenol
Concen: 3.847 ng/ul
RT: 14.680 min Scan# 1971
Delta R.T. -0.012 min
Lab File: BM036358.D
Acq: 19 Aug 2022 16:48

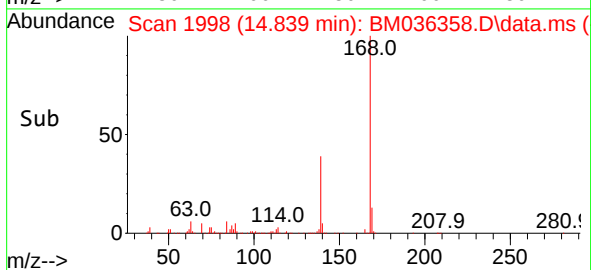
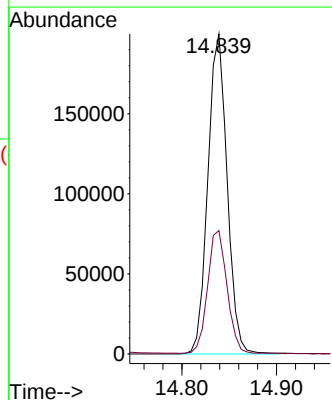
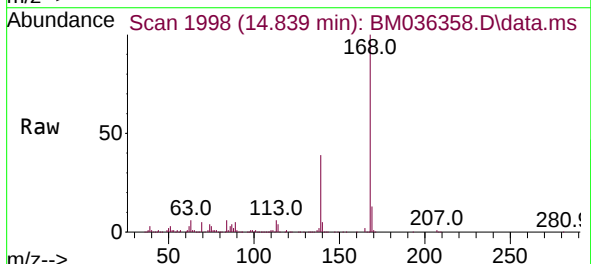
Instrument :
BNA_M
ClientSampleId :

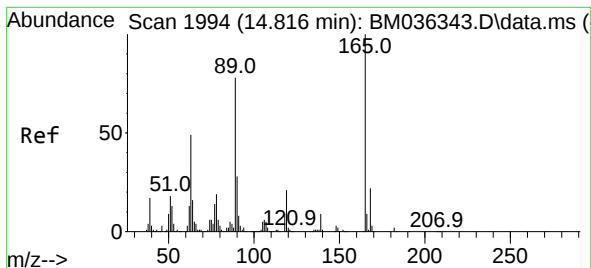
Tgt Ion:109 Resp: 28496
Ion Ratio Lower Upper
109 100
139 139.7 124.9 187.3
65 150.8 122.2 183.4



#56
Dibenzofuran
Concen: 4.289 ng/ul
RT: 14.839 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BM036358.D
Acq: 19 Aug 2022 16:48

Tgt Ion:168 Resp: 282282
Ion Ratio Lower Upper
168 100
139 38.6 30.1 45.1

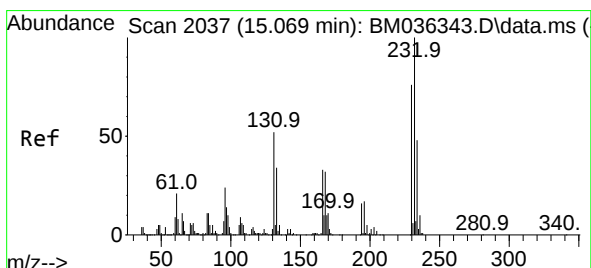
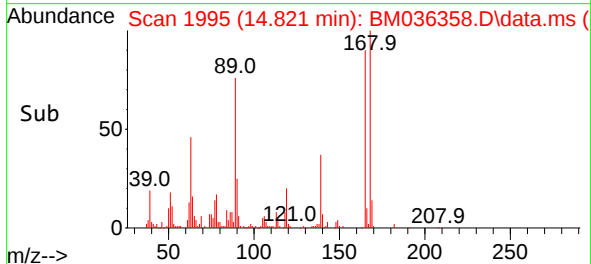
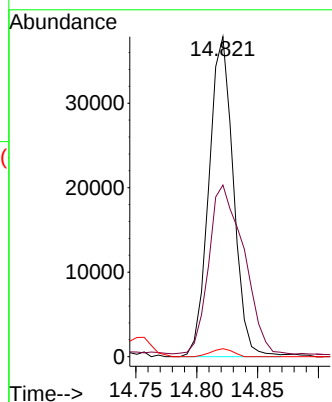
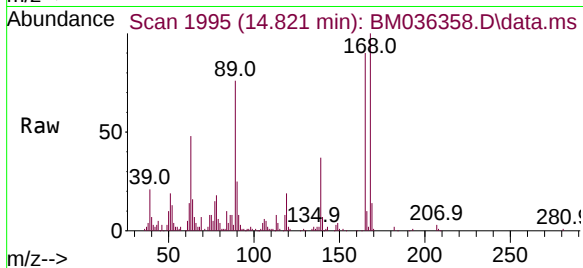




#57
2,4-Dinitrotoluene
Concen: 3.891 ng/ul
RT: 14.821 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BM036358.D
Acq: 19 Aug 2022 16:48

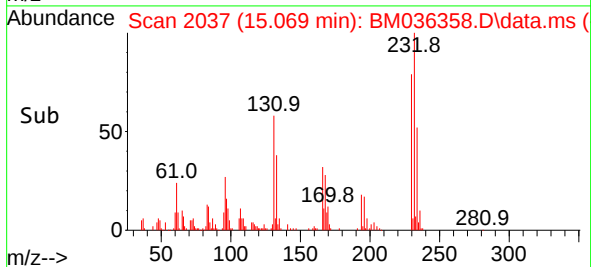
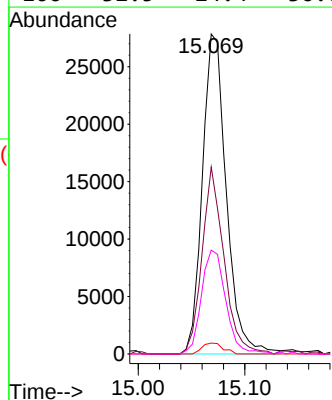
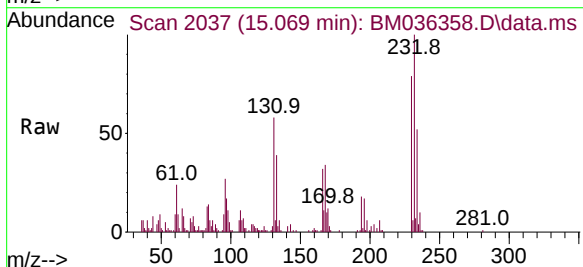
Instrument :
BNA_M
ClientSampleId :

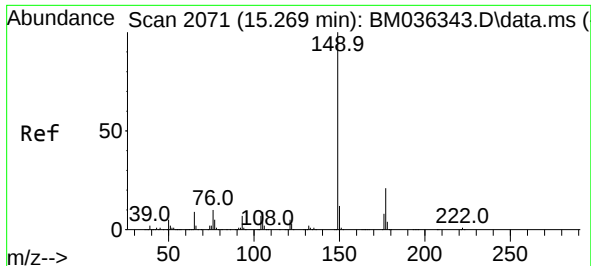
Tgt Ion:165 Resp: 53030
Ion Ratio Lower Upper
165 100
63 53.7 35.9 53.9
182 2.5 2.5 3.7



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.973 ng/ul
RT: 15.069 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BM036358.D
Acq: 19 Aug 2022 16:48

Tgt Ion:232 Resp: 43528
Ion Ratio Lower Upper
232 100
131 58.4 36.7 55.1#
130 3.4 1.7 2.5#
166 32.5 24.4 36.6

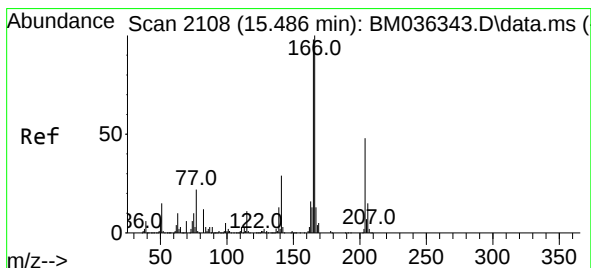
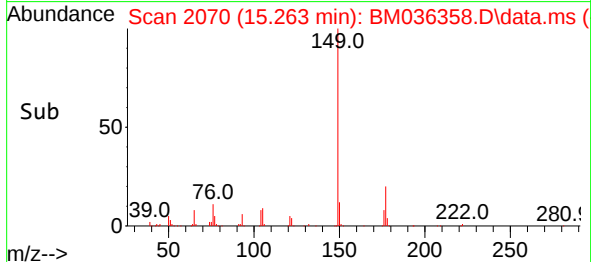
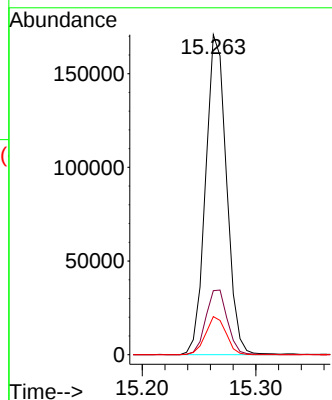
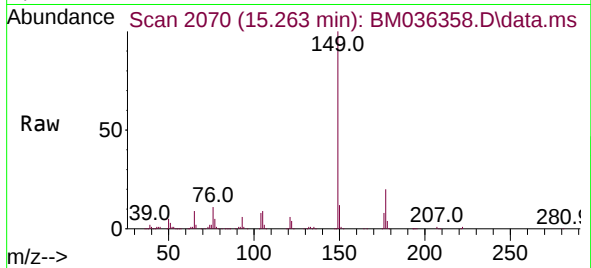




#59
Diethylphthalate
Concen: 4.345 ng/ul
RT: 15.263 min Scan# 2070
Delta R.T. -0.012 min
Lab File: BM036358.D
Acq: 19 Aug 2022 16:48

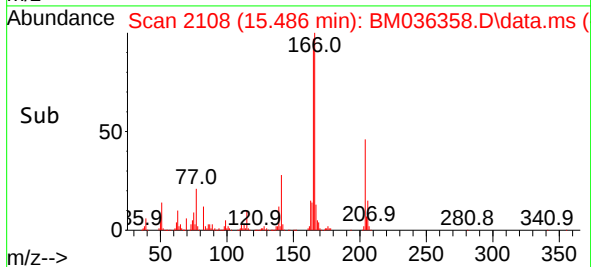
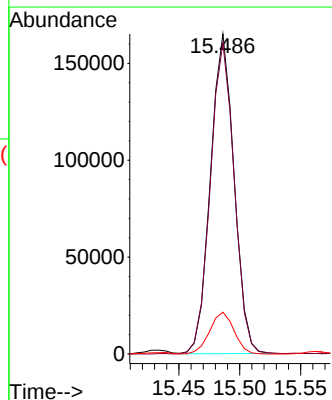
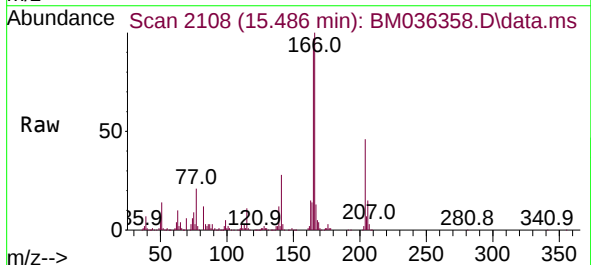
Instrument :
BNA_M
ClientSampleId :

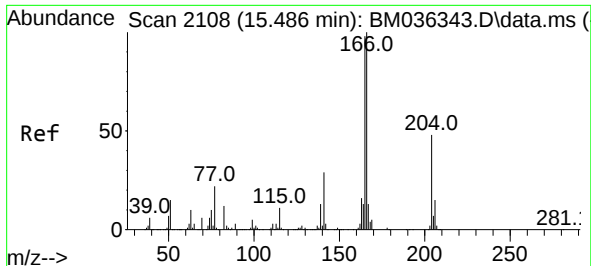
Tgt Ion:149 Resp: 218150
Ion Ratio Lower Upper
149 100
177 20.0 16.8 25.2
150 11.9 10.2 15.4



#61
Fluorene
Concen: 4.274 ng/ul
RT: 15.486 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BM036358.D
Acq: 19 Aug 2022 16:48

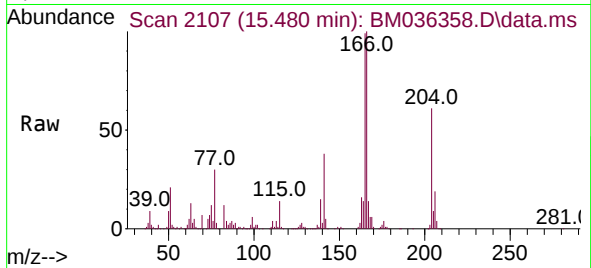
Tgt Ion:166 Resp: 223129
Ion Ratio Lower Upper
166 100
165 97.2 77.2 115.8
167 13.1 11.0 16.4



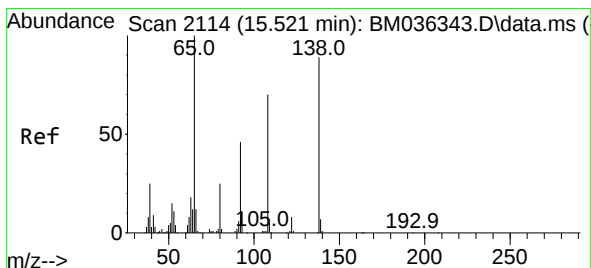
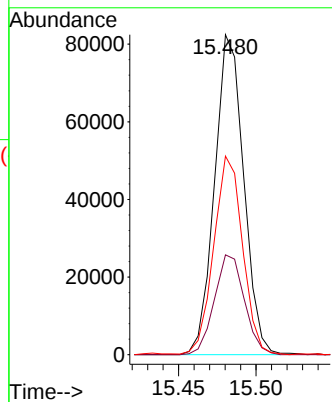
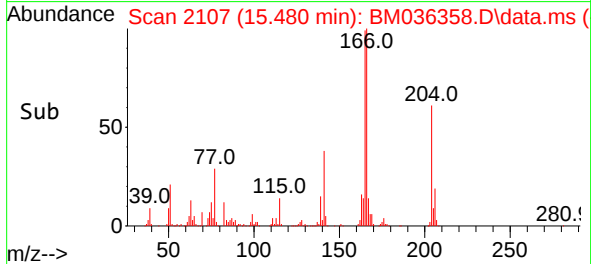


#62
 4-Chlorophenyl-phenylether
 Concen: 4.407 ng/ul
 RT: 15.480 min Scan# 2107
 Delta R.T. -0.012 min
 Lab File: BM036358.D
 Acq: 19 Aug 2022 16:48

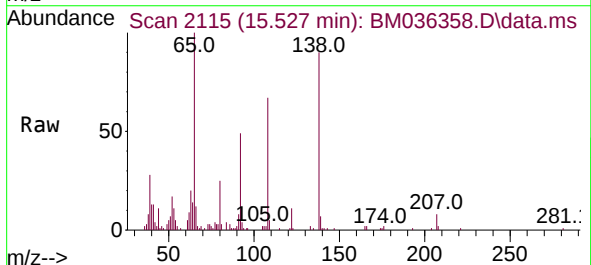
Instrument :
 BNA_M
 ClientSampleId :



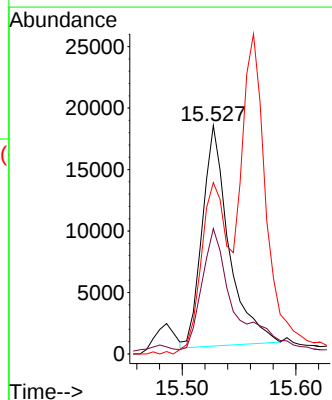
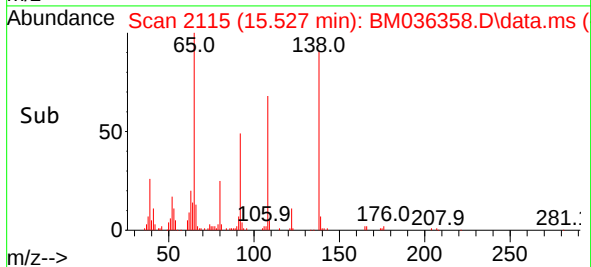
Tgt Ion:204 Resp: 107466
 Ion Ratio Lower Upper
 204 100
 206 31.2 25.9 38.9
 141 62.0 50.6 75.8

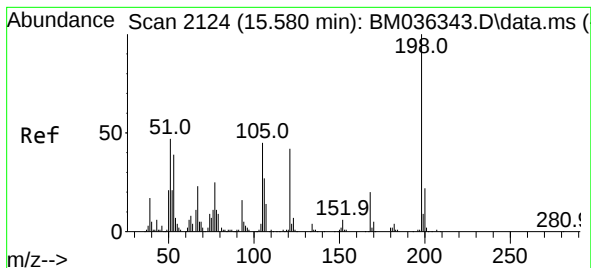


#63
 4-Nitroaniline
 Concen: 2.985 ng/ul
 RT: 15.527 min Scan# 2115
 Delta R.T. -0.006 min
 Lab File: BM036358.D
 Acq: 19 Aug 2022 16:48



Tgt Ion:138 Resp: 29260
 Ion Ratio Lower Upper
 138 100
 92 54.8 39.2 58.8
 108 75.0 51.6 77.4

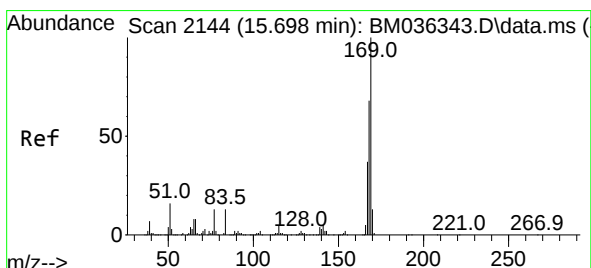
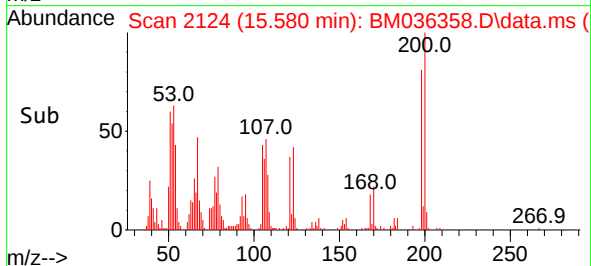
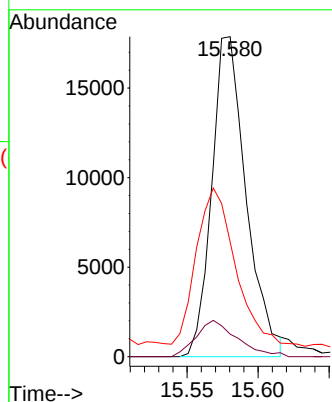
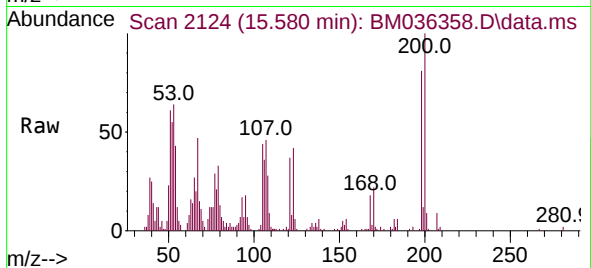




#66
 4,6-Dinitro-2-methylphenol
 Concen: 4.194 ng/ul
 RT: 15.580 min Scan# 2124
 Delta R.T. -0.006 min
 Lab File: BM036358.D
 Acq: 19 Aug 2022 16:48

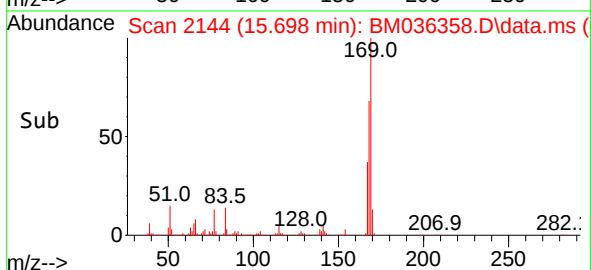
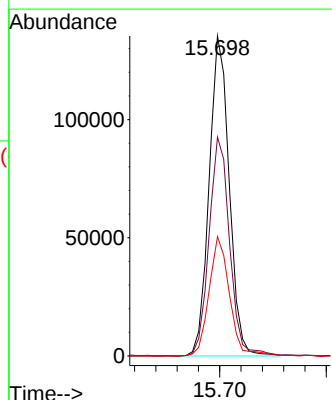
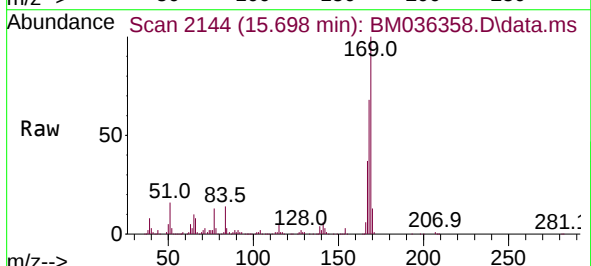
Instrument :
 BNA_M
 ClientSampleId :

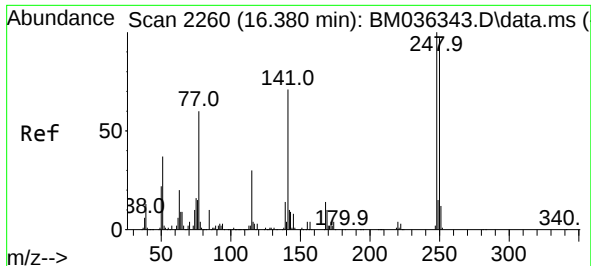
Tgt Ion:198 Resp: 30101
 Ion Ratio Lower Upper
 198 100
 182 7.0 4.2 6.4#
 77 35.9 19.9 29.9#



#67
 N-Nitrosodiphenylamine
 Concen: 4.495 ng/ul
 RT: 15.698 min Scan# 2144
 Delta R.T. -0.012 min
 Lab File: BM036358.D
 Acq: 19 Aug 2022 16:48

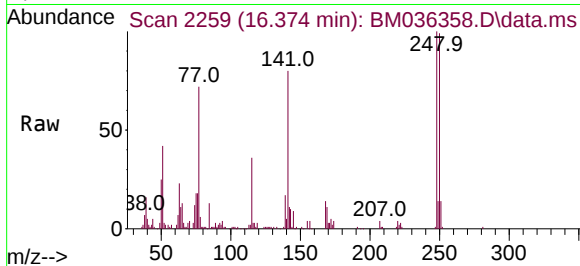
Tgt Ion:169 Resp: 177456
 Ion Ratio Lower Upper
 169 100
 168 68.4 53.8 80.6
 167 37.3 28.7 43.1



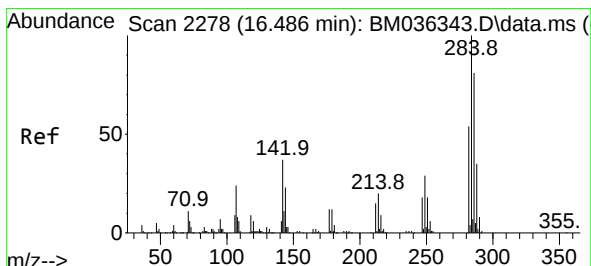
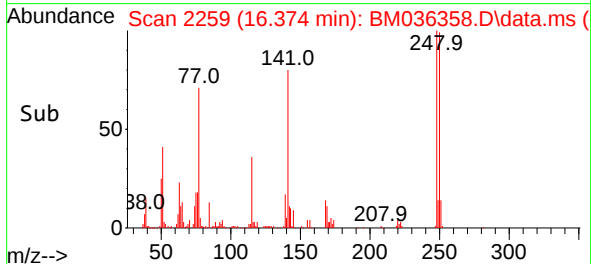
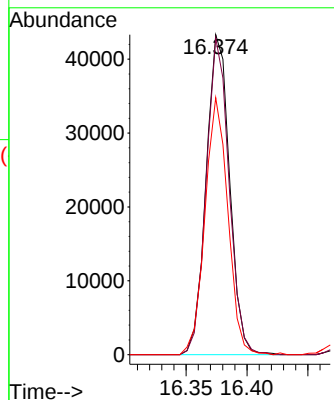


#68
4-Bromophenyl-phenylether
Concen: 4.539 ng/ul
RT: 16.374 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM036358.D
Acq: 19 Aug 2022 16:48

Instrument :
BNA_M
ClientSampleId :

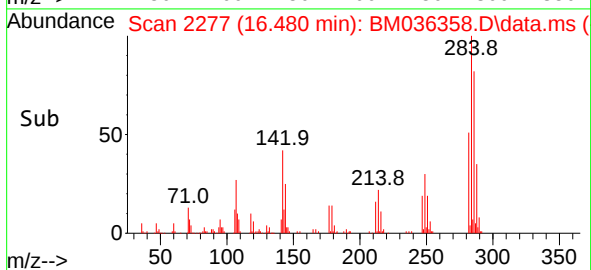
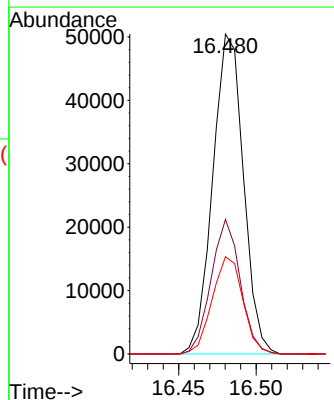
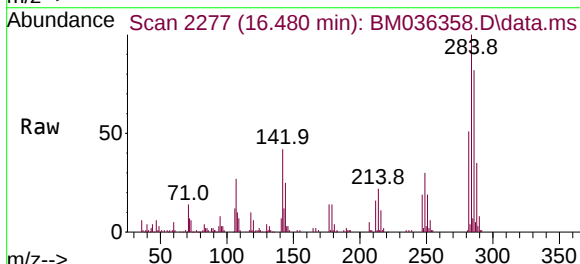


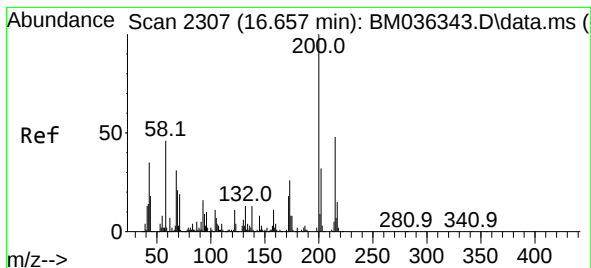
Tgt Ion:248 Resp: 58034
Ion Ratio Lower Upper
248 100
250 98.9 77.3 115.9
141 80.3 59.8 89.8



#69
Hexachlorobenzene
Concen: 4.476 ng/ul
RT: 16.480 min Scan# 2277
Delta R.T. -0.012 min
Lab File: BM036358.D
Acq: 19 Aug 2022 16:48

Tgt Ion:284 Resp: 69357
Ion Ratio Lower Upper
284 100
142 42.1 28.6 42.8
249 30.4 24.6 37.0





#70

Atrazine

Concen: 4.606 ng/ul

RT: 16.657 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM036358.D

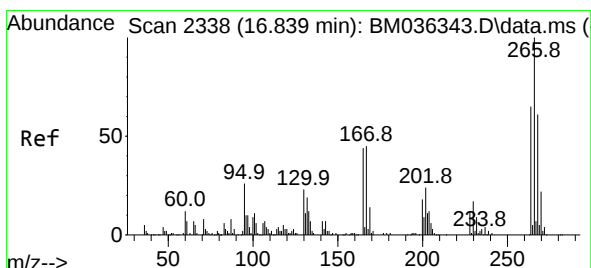
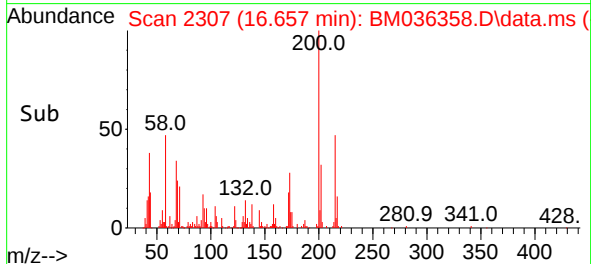
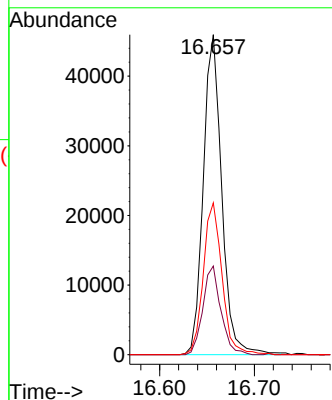
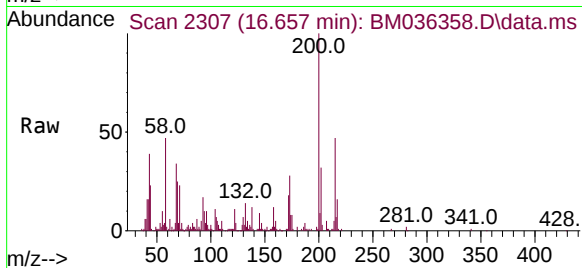
Acq: 19 Aug 2022 16:48

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:	200	Resp:	62119
Ion Ratio	Lower	Upper	
200	100		
173	27.7	21.3	31.9
215	47.4	39.0	58.6



#71

Pentachlorophenol

Concen: 4.365 ng/ul

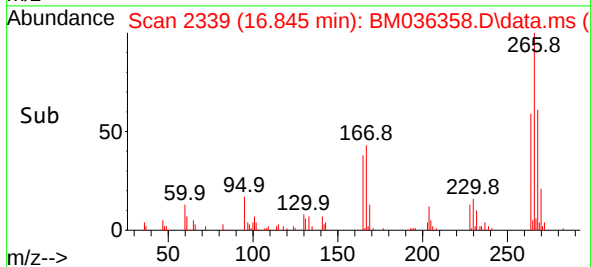
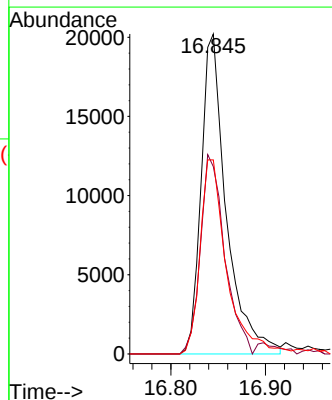
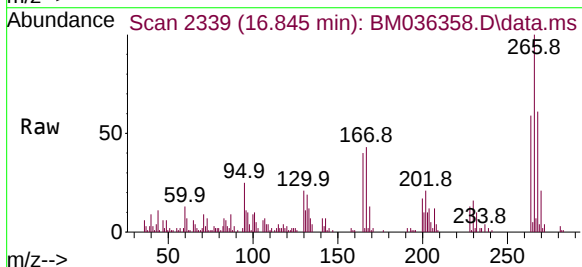
RT: 16.845 min Scan# 2339

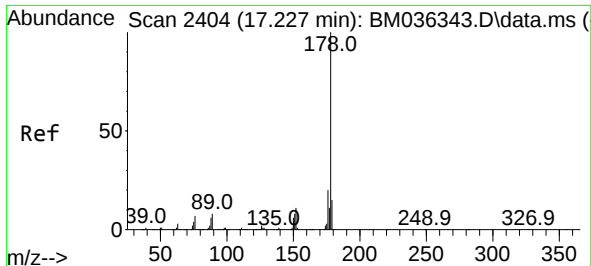
Delta R.T. -0.006 min

Lab File: BM036358.D

Acq: 19 Aug 2022 16:48

Tgt Ion:	266	Resp:	37289
Ion Ratio	Lower	Upper	
266	100		
264	58.5	49.5	74.3
268	60.7	51.0	76.4

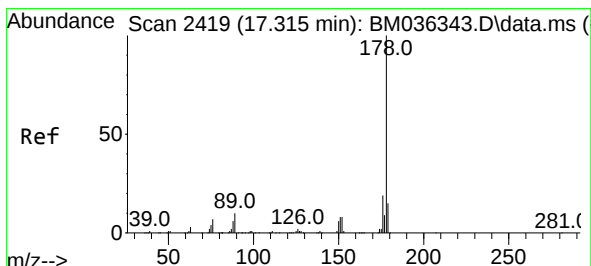
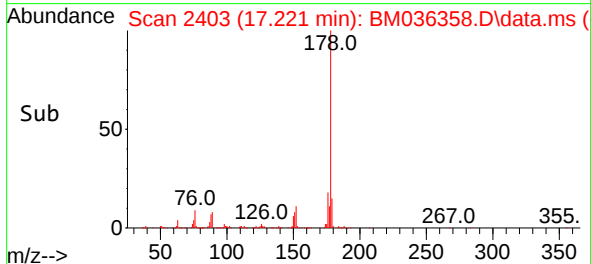
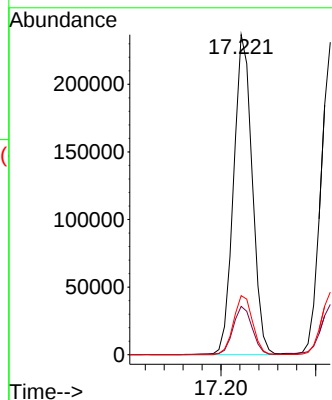
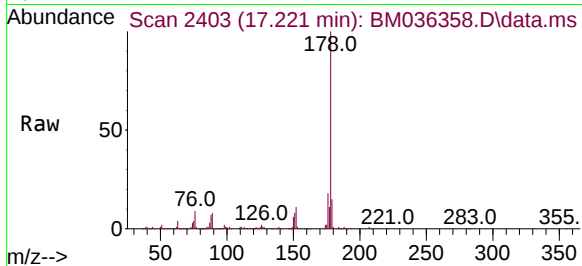




#72
Phenanthrene
Concen: 4.435 ng/ul
RT: 17.221 min Scan# 2403
Delta R.T. -0.012 min
Lab File: BM036358.D
Acq: 19 Aug 2022 16:48

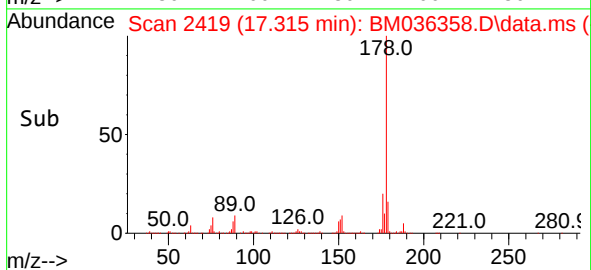
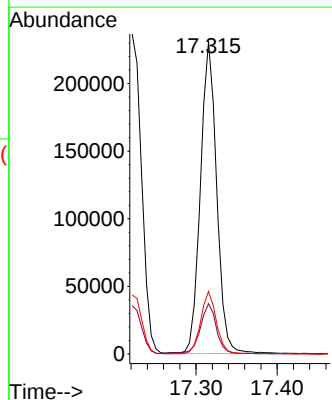
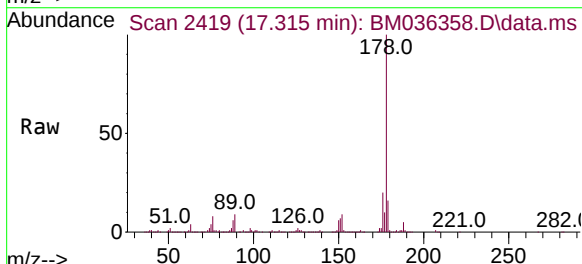
Instrument :
BNA_M
ClientSampleId :

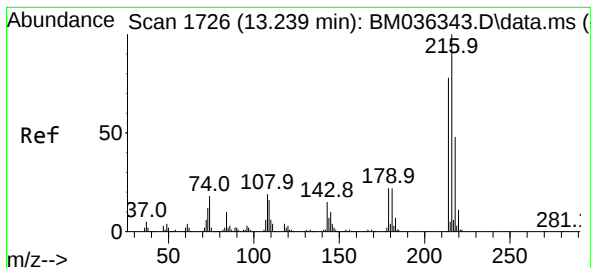
Tgt Ion:178 Resp: 321908
Ion Ratio Lower Upper
178 100
179 15.1 12.2 18.2
176 18.4 14.9 22.3



#74
Anthracene
Concen: 4.396 ng/ul
RT: 17.315 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BM036358.D
Acq: 19 Aug 2022 16:48

Tgt Ion:178 Resp: 319907
Ion Ratio Lower Upper
178 100
179 16.1 12.2 18.2
176 20.0 14.4 21.6

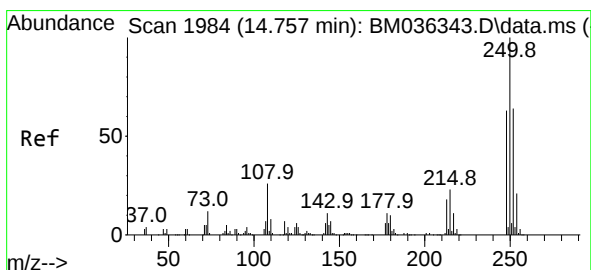
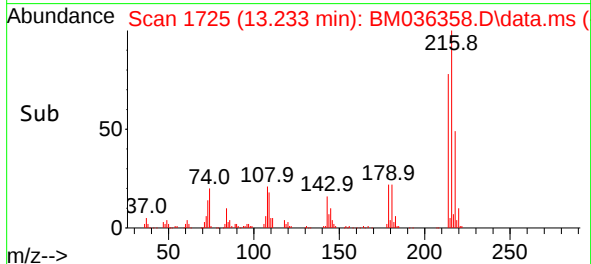
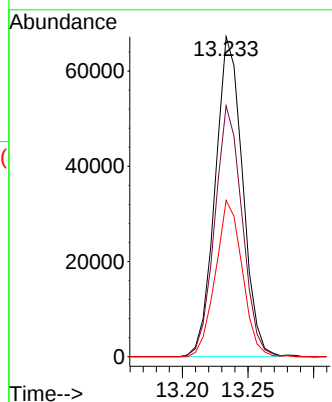
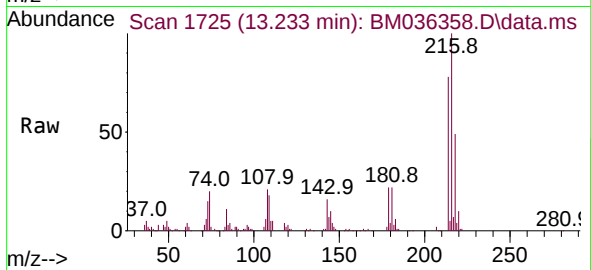




#75
1,2,3,4-Tetrachlorobenzene
Concen: 4.703 ng/uL
RT: 13.233 min Scan# 1725
Delta R.T. -0.012 min
Lab File: BM036358.D
Acq: 19 Aug 2022 16:48

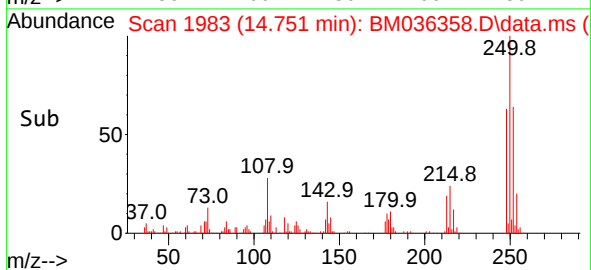
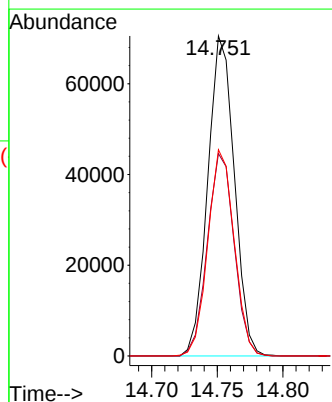
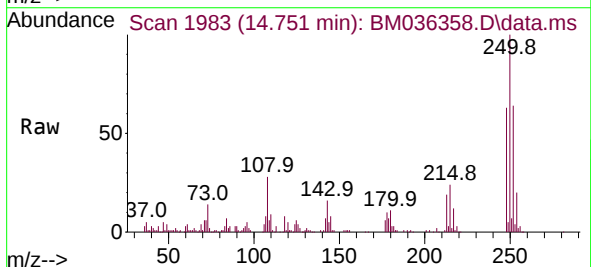
Instrument :
BNA_M
ClientSampleId :

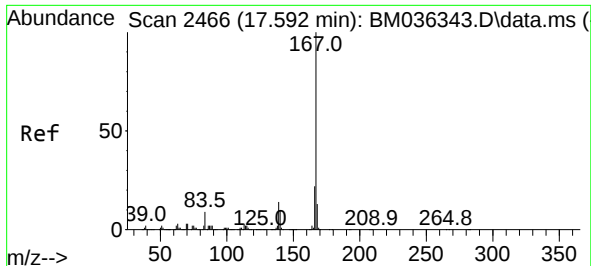
Tgt Ion:216 Resp: 97435
Ion Ratio Lower Upper
216 100
214 78.4 60.9 91.3
218 48.9 37.5 56.3



#76
Pentachlorobenzene
Concen: 5.146 ng/uL
RT: 14.751 min Scan# 1983
Delta R.T. -0.012 min
Lab File: BM036358.D
Acq: 19 Aug 2022 16:48

Tgt Ion:250 Resp: 99545
Ion Ratio Lower Upper
250 100
248 63.3 50.4 75.6
252 64.5 51.1 76.7

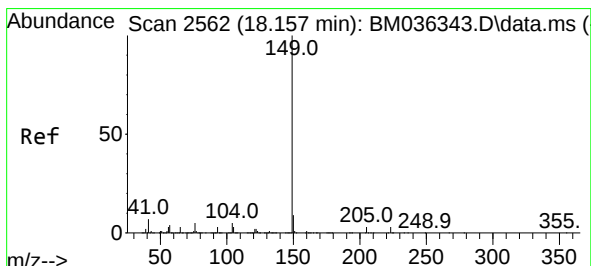
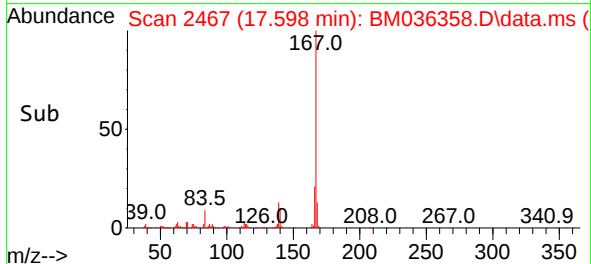
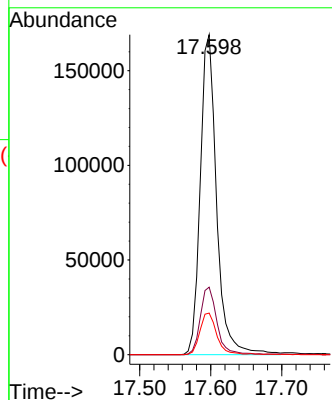
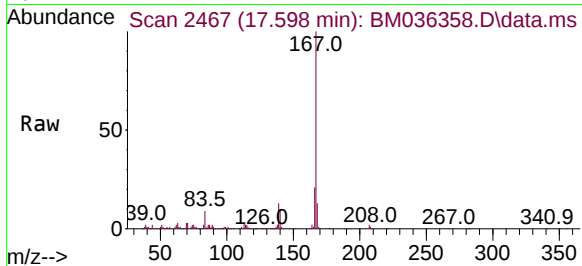




#77
 Carbazole
 Concen: 3.975 ng/ul
 RT: 17.598 min Scan# 2467
 Delta R.T. -0.006 min
 Lab File: BM036358.D
 Acq: 19 Aug 2022 16:48

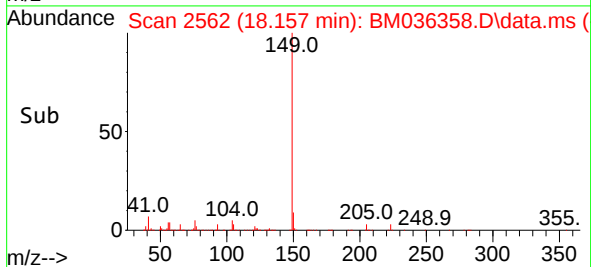
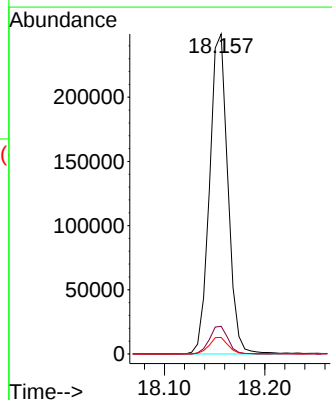
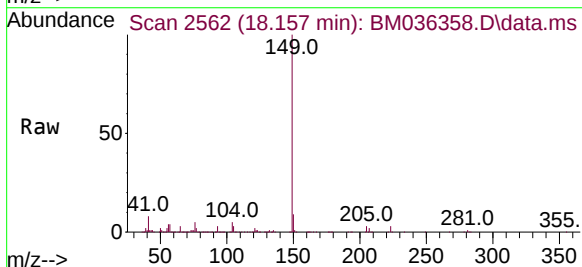
Instrument :
 BNA_M
 ClientSampleId :

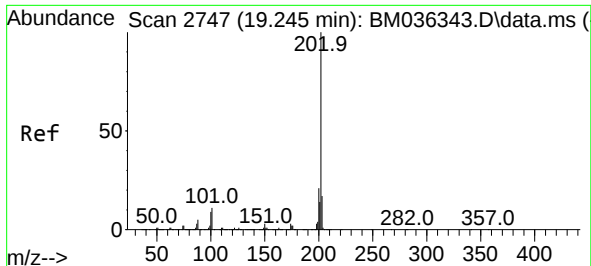
Tgt Ion:167 Resp: 270830
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.4 26.0
 139 13.0 10.1 15.1



#78
 Di-n-butylphthalate
 Concen: 4.228 ng/ul
 RT: 18.157 min Scan# 2562
 Delta R.T. -0.006 min
 Lab File: BM036358.D
 Acq: 19 Aug 2022 16:48

Tgt Ion:149 Resp: 315061
 Ion Ratio Lower Upper
 149 100
 150 8.6 7.3 10.9
 104 5.2 3.7 5.5

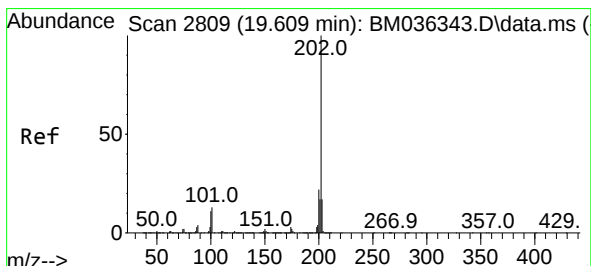
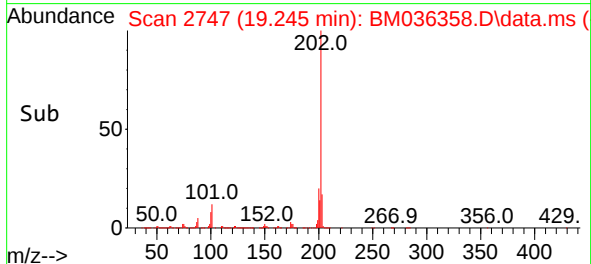
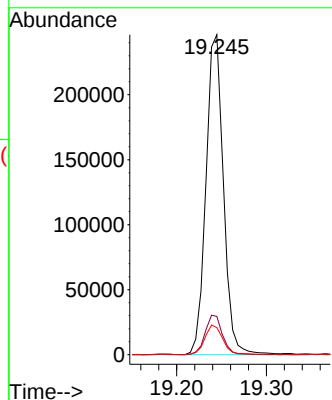
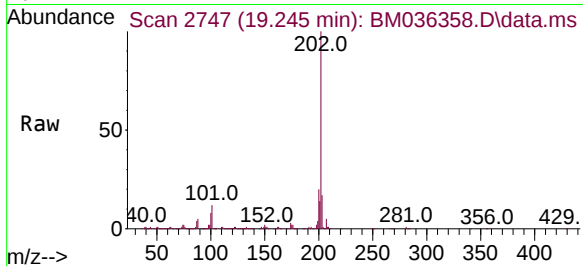




#80
Fluoranthene
Concen: 4.406 ng/ul
RT: 19.245 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM036358.D
Acq: 19 Aug 2022 16:48

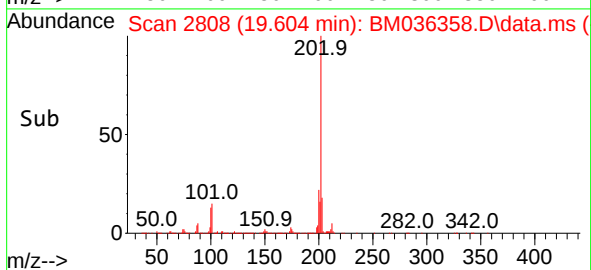
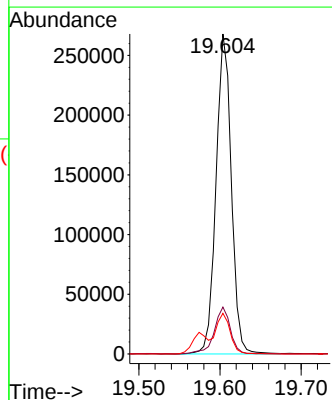
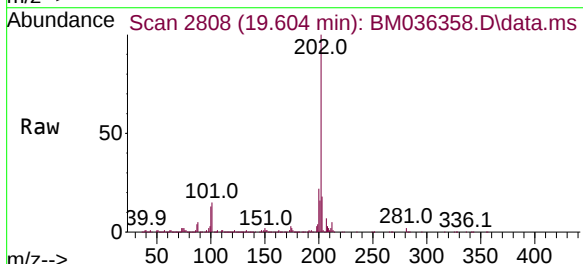
Instrument :
BNA_M
ClientSampleId :

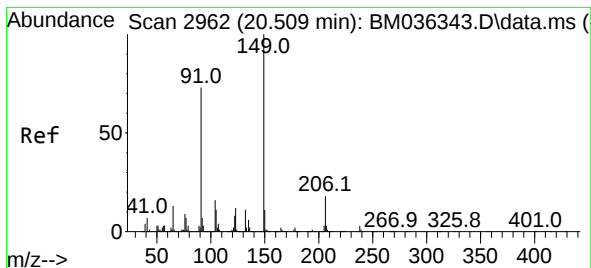
Tgt Ion:202 Resp: 332955
Ion Ratio Lower Upper
202 100
101 12.0 10.1 15.1
100 8.5 7.8 11.6



#82
Pyrene
Concen: 4.452 ng/ul
RT: 19.604 min Scan# 2808
Delta R.T. -0.006 min
Lab File: BM036358.D
Acq: 19 Aug 2022 16:48

Tgt Ion:202 Resp: 351072
Ion Ratio Lower Upper
202 100
101 14.7 11.9 17.9
100 12.7 10.2 15.4





#83

Butylbenzylphthalate

Concen: 4.328 ng/ul

RT: 20.509 min Scan# 2962

Delta R.T. -0.006 min

Lab File: BM036358.D

Acq: 19 Aug 2022 16:48

Instrument :

BNA_M

ClientSampleId :

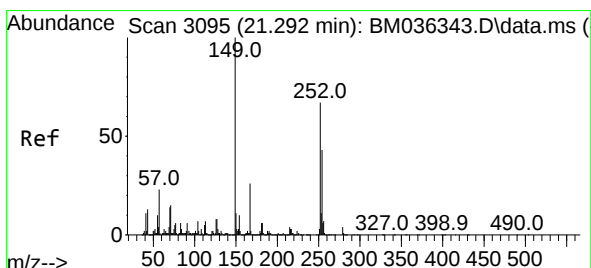
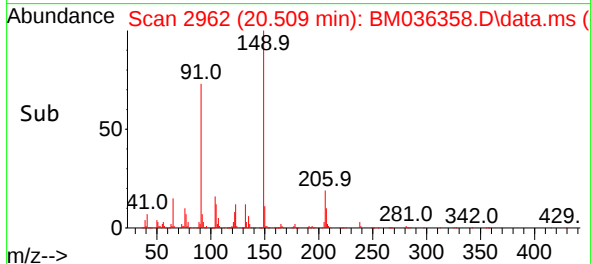
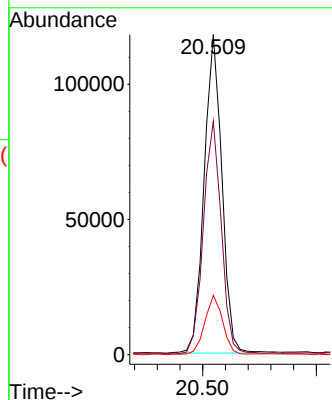
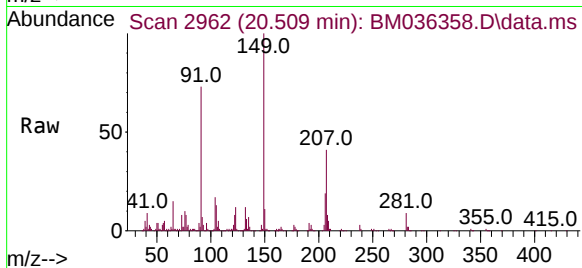
Tgt Ion:149 Resp: 127684

Ion Ratio Lower Upper

149 100

91 73.0 53.2 79.8

206 18.6 16.0 24.0



#84

3,3'-Dichlorobenzidine

Concen: 5.210 ng/ul

RT: 21.292 min Scan# 3095

Delta R.T. -0.006 min

Lab File: BM036358.D

Acq: 19 Aug 2022 16:48

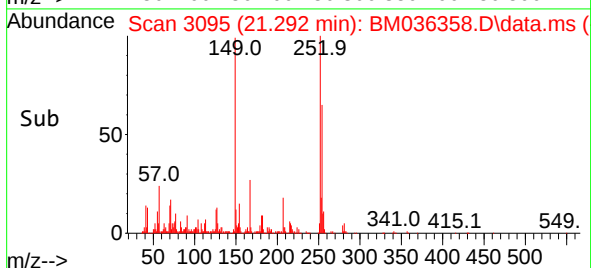
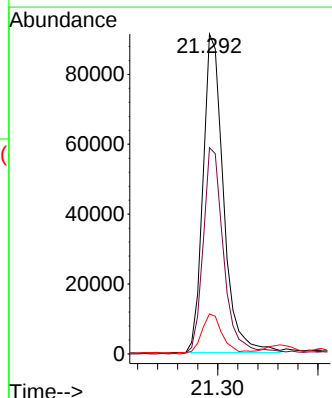
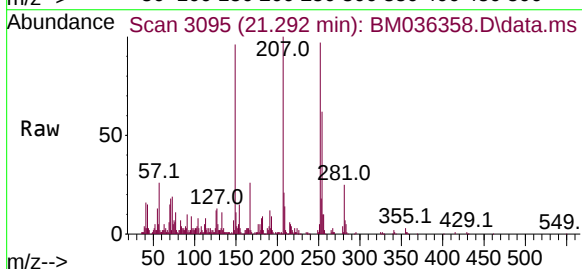
Tgt Ion:252 Resp: 129330

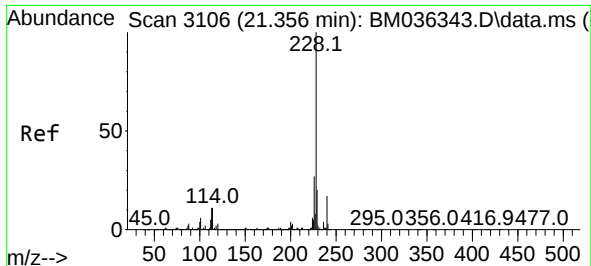
Ion Ratio Lower Upper

252 100

254 64.4 52.4 78.6

126 12.5 10.8 16.2

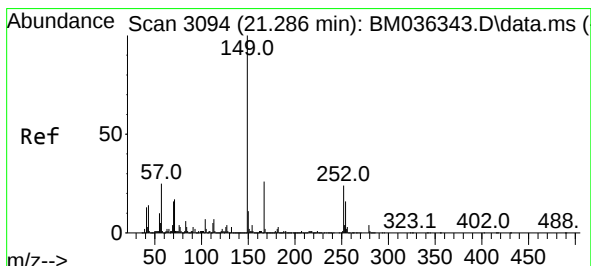
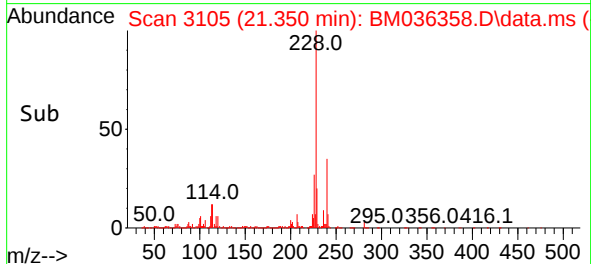
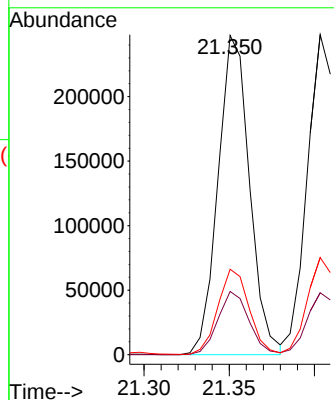
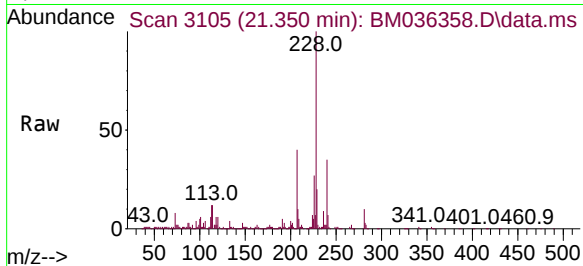




#85
Benzo(a)anthracene
Concen: 4.397 ng/ul
RT: 21.350 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BM036358.D
Acq: 19 Aug 2022 16:48

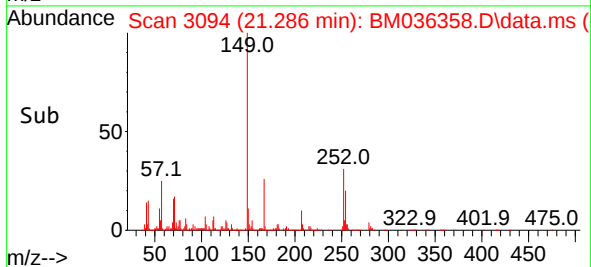
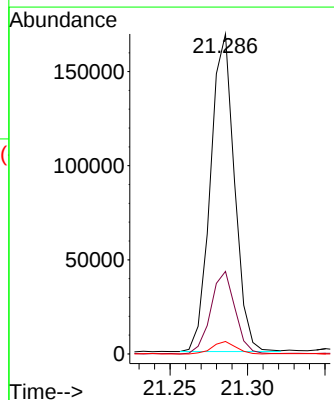
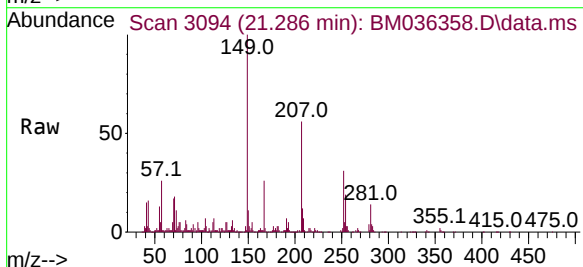
Instrument :
BNA_M
ClientSampleId :

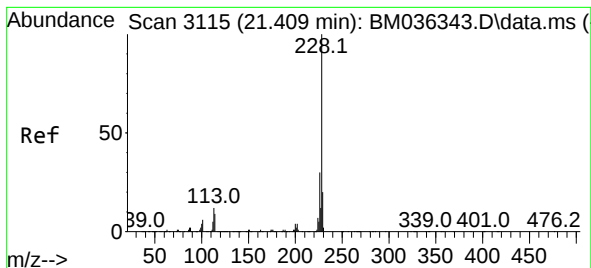
Tgt Ion:228 Resp: 318472
Ion Ratio Lower Upper
228 100
229 19.8 15.6 23.4
226 26.8 21.7 32.5



#86
Bis(2-ethylhexyl)phthalate
Concen: 4.460 ng/ul
RT: 21.286 min Scan# 3094
Delta R.T. -0.006 min
Lab File: BM036358.D
Acq: 19 Aug 2022 16:48

Tgt Ion:149 Resp: 181676
Ion Ratio Lower Upper
149 100
167 25.8 21.5 32.3
279 3.9 3.4 5.2





#87

Chrysene

Concen: 4.375 ng/ul

RT: 21.403 min Scan# 3115

Delta R.T. -0.006 min

Lab File: BM036358.D

Acq: 19 Aug 2022 16:48

Instrument :

BNA_M

ClientSampleId :

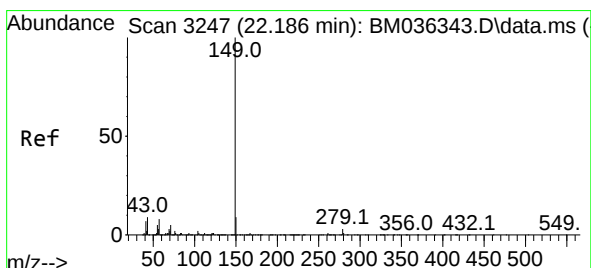
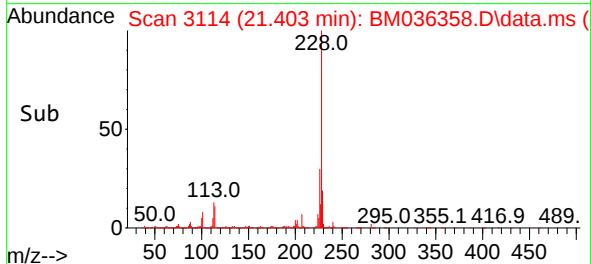
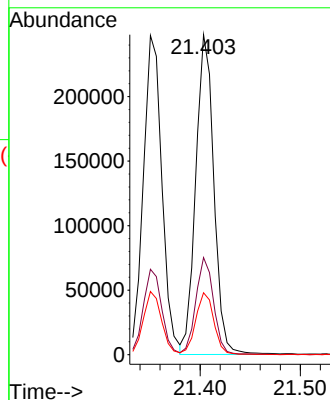
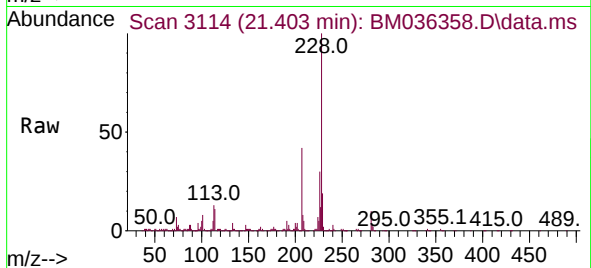
Tgt Ion:228 Resp: 311393

Ion Ratio Lower Upper

228 100

226 30.4 23.7 35.5

229 19.3 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 4.363 ng/ul

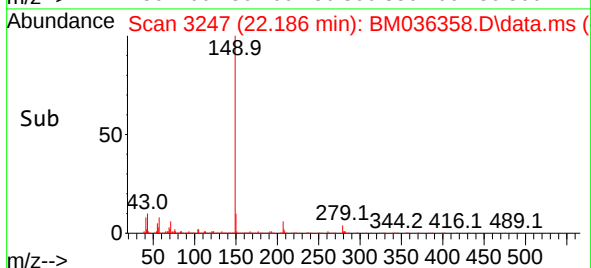
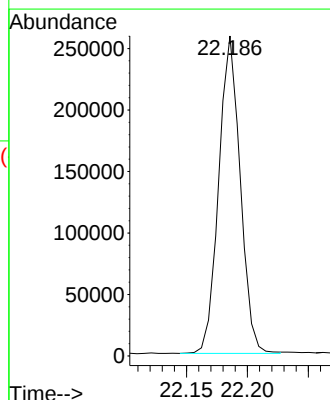
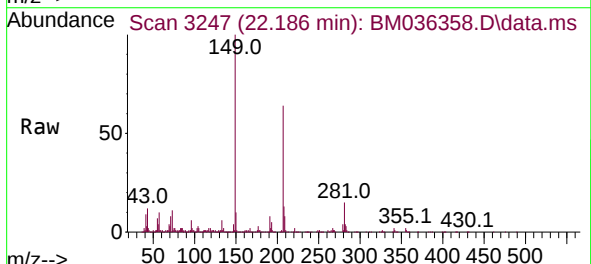
RT: 22.186 min Scan# 3247

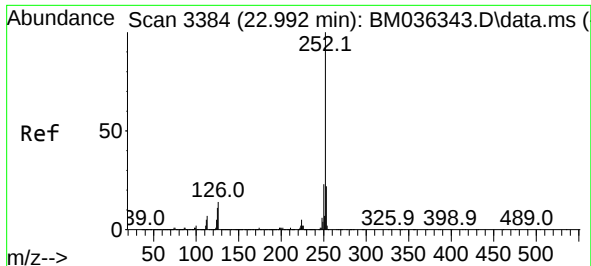
Delta R.T. -0.006 min

Lab File: BM036358.D

Acq: 19 Aug 2022 16:48

Tgt Ion:149 Resp: 316627

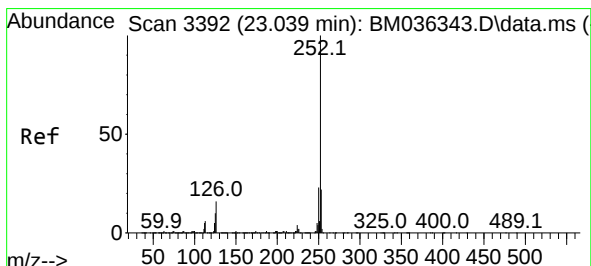
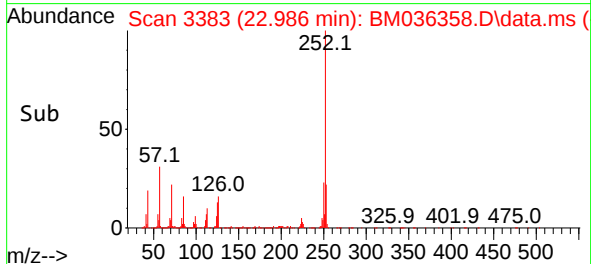
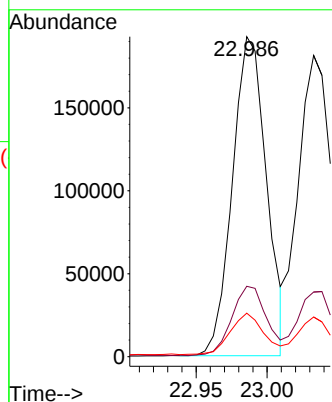
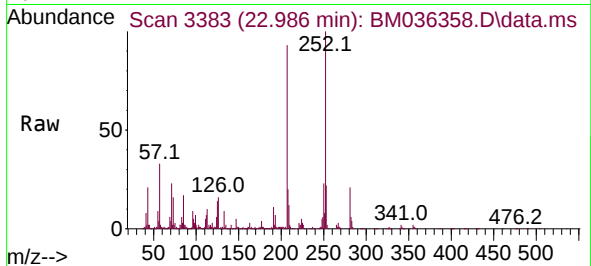




#90
Benzo(b)fluoranthene
Concen: 4.305 ng/ul
RT: 22.986 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM036358.D
Acq: 19 Aug 2022 16:48

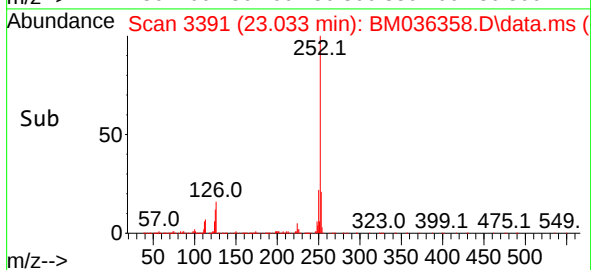
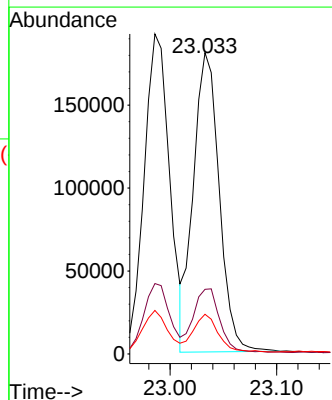
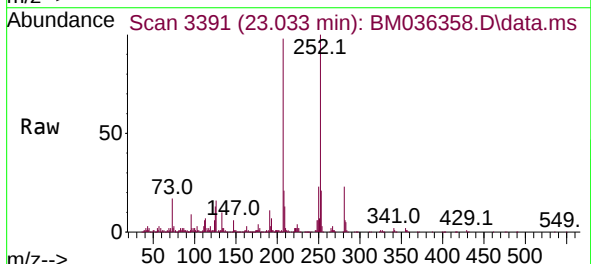
Instrument :
BNA_M
ClientSampleId :

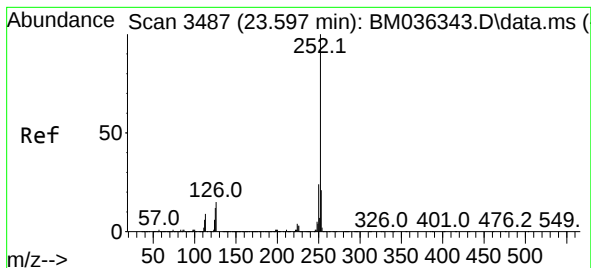
Tgt Ion:252 Resp: 320388
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 13.6 10.7 16.1



#91
Benzo(k)fluoranthene
Concen: 4.303 ng/ul
RT: 23.033 min Scan# 3391
Delta R.T. -0.006 min
Lab File: BM036358.D
Acq: 19 Aug 2022 16:48

Tgt Ion:252 Resp: 304668
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 13.2 10.6 15.8





#93

Benzo(a)pyrene

Concen: 4.407 ng/ul

RT: 23.591 min Scan# 34

Delta R.T. -0.012 min

Lab File: BM036358.D

Acq: 19 Aug 2022 16:48

Instrument :

BNA_M

ClientSampleId :

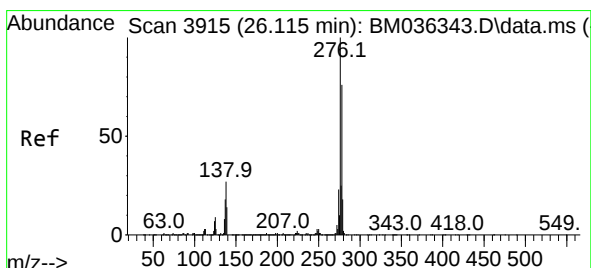
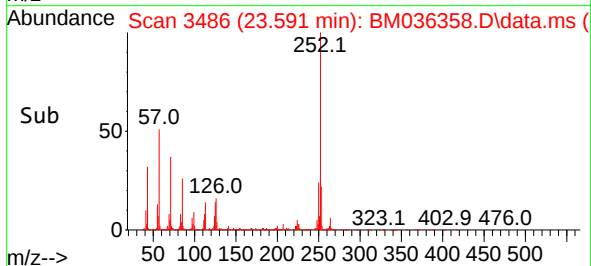
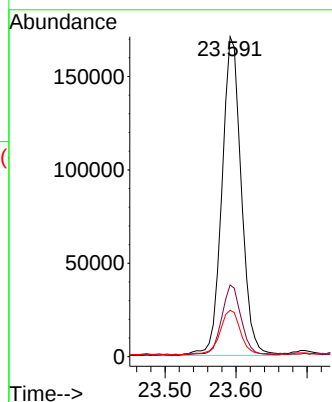
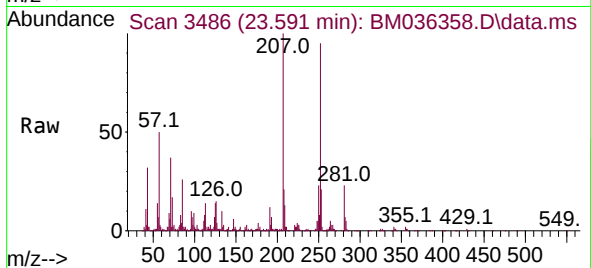
Tgt Ion:252 Resp: 322682

Ion Ratio Lower Upper

252 100

253 22.4 17.3 25.9

125 14.5 11.8 17.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.185 ng/ul

RT: 26.109 min Scan# 3914

Delta R.T. -0.006 min

Lab File: BM036358.D

Acq: 19 Aug 2022 16:48

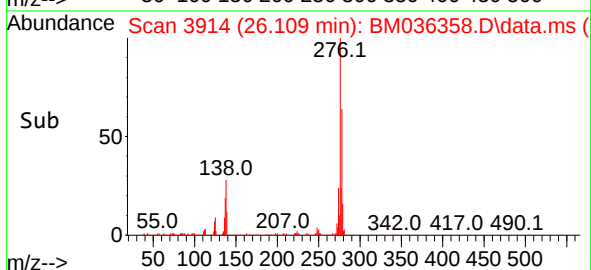
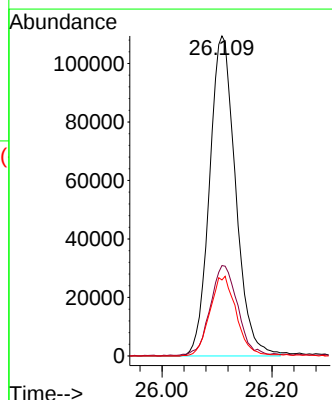
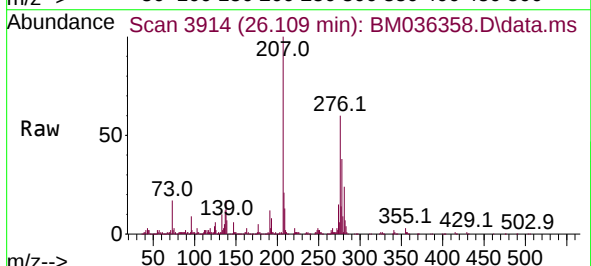
Tgt Ion:276 Resp: 360274

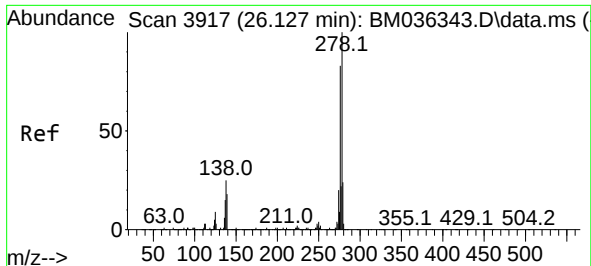
Ion Ratio Lower Upper

276 100

138 28.3 25.6 38.4

277 23.8 20.1 30.1

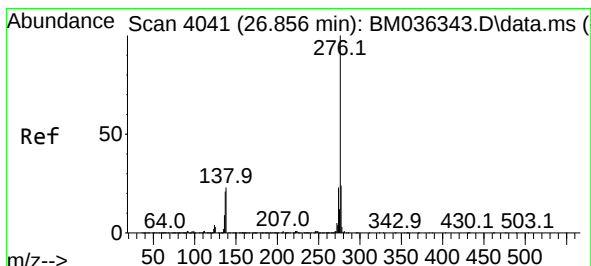
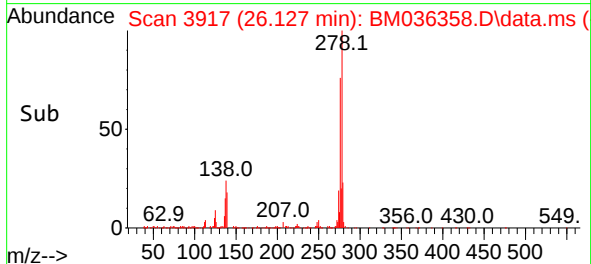
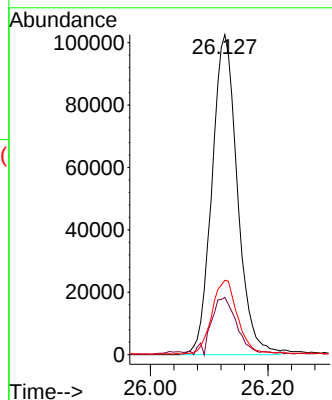
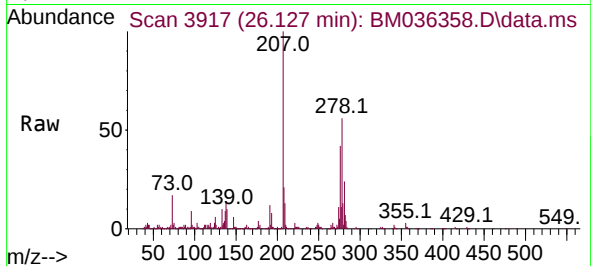




#95
 Dibenzo(a,h)anthracene
 Concen: 4.157 ng/ul
 RT: 26.127 min Scan# 3917
 Delta R.T. -0.006 min
 Lab File: BM036358.D
 Acq: 19 Aug 2022 16:48

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:278 Resp: 308238
 Ion Ratio Lower Upper
 278 100
 139 17.9 16.2 24.2
 279 23.3 18.7 28.1



#96
 Benzo(g,h,i)perylene
 Concen: 4.153 ng/ul
 RT: 26.856 min Scan# 4041
 Delta R.T. -0.006 min
 Lab File: BM036358.D
 Acq: 19 Aug 2022 16:48

Tgt Ion:276 Resp: 305765
 Ion Ratio Lower Upper
 276 100
 138 24.4 21.3 31.9
 277 23.1 18.6 28.0

