

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082222\
 Data File : BM036367.D
 Acq On : 22 Aug 2022 15:39
 Operator : CG/JU
 Sample : PB147153BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 23 01:02:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 23 00:55:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	231548	20.000	ng/u1	0.00
20) Naphthalene-d8	10.592	136	990784	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.439	164	587188	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.180	188	1148789	20.000	ng/u1	0.00
79) Chrysene-d12	21.362	240	1130986	20.000	ng/u1	0.00
88) Perylene-d12	23.692	264	1138615	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	37415	6.158	ng/uL	0.00
4) Pyridine-d5	3.628	84	505324	30.160	ng/u1	0.00
7) Phenol-d5	6.975	99	655290	33.155	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	427417	34.356	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	508644	32.754	ng/u1	0.00
15) 4-Methylphenol-d8	8.522	113	490538	33.240	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	252638	33.631	ng/u1	0.00
24) 2-Nitrophenol-d4	9.687	143	249422	32.734	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	456719	33.545	ng/u1	0.00
31) 4-Chloroaniline-d4	10.745	131	679342	32.186	ng/u1	0.00
46) Dimethylphthalate-d6	13.857	166	1274535	34.310	ng/u1	0.00
49) Acenaphthylene-d8	14.133	160	1594174	34.407	ng/u1	0.00
54) 4-Nitrophenol-d4	14.663	143	245195	34.834	ng/u1	0.00
60) Fluorene-d10	15.427	176	1175486	35.018	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	185868	31.471	ng/u1	0.00
73) Anthracene-d10	17.280	188	1805395	35.344	ng/u1	0.00
81) Pyrene-d10	19.574	212	2035512	34.695	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.539	264	1995773	35.750	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	79448	12.415	ng/uL	99
5) Pyridine	3.652	79	524630	30.311	ng/u1	92
6) Benzaldehyde	6.940	77	266484	32.824	ng/u1	93
8) Phenol	6.998	94	701230	34.125	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.228	93	554276	33.723	ng/u1	99
12) 2-Chlorophenol	7.357	128	547173	33.695	ng/u1	98
13) 2-Methylphenol	8.251	108	516564	34.102	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.322	45	794243	36.119	ng/u1	99
16) Acetophenone	8.628	105	825916	34.797	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.616	70	427461	36.183	ng/u1	98
18) 4-Methylphenol	8.581	108	561249	34.614	ng/u1	100
19) Hexachloroethane	8.863	117	224170	32.996	ng/u1	85
22) Nitrobenzene	9.004	77	628964	35.337	ng/u1	96
23) Isophorone	9.534	82	1153694	36.500	ng/u1	95
25) 2-Nitrophenol	9.716	139	283499	33.395	ng/u1	95
26) 2,4-Dimethylphenol	9.781	107	580653	34.202	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.016	93	729290	35.441	ng/u1	99
29) 2,4-Dichlorophenol	10.251	162	477596	34.287	ng/u1	99
30) Naphthalene	10.645	128	1774457	34.123	ng/u1	100
32) 4-Chloroaniline	10.769	127	502932	23.427	ng/u1	100
33) Hexachlorobutadiene	10.922	225	279892	31.984	ng/u1	98
34) Caprolactam	11.563	113	144661	34.661	ng/u1	97
35) 4-Chloro-3-methylphenol	11.898	107	515178	36.579	ng/u1	98
36) 2-Methylnaphthalene	12.257	142	1151625	35.297	ng/u1	98

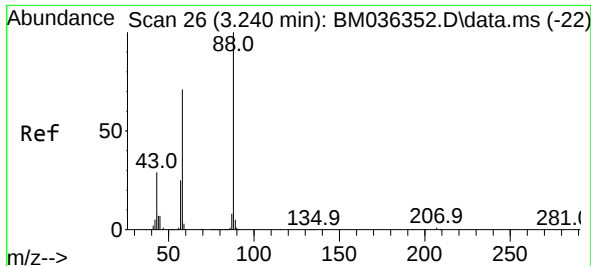
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.480	142	1158809	35.267	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.628	216	525622	32.386	ng/ul	98
40) Hexachlorocyclopentadiene	12.598	237	218417	22.685	ng/ul	96
41) 2,4,6-Trichlorophenol	12.875	196	326943	32.013	ng/ul	98
42) 2,4,5-Trichlorophenol	12.951	196	354650	32.739	ng/ul	99
43) 1,1'-Biphenyl	13.275	154	1491549	33.774	ng/ul	99
44) 2-Chloronaphthalene	13.316	162	1133199	33.439	ng/ul	99
45) 2-Nitroaniline	13.533	65	347839	37.905	ng/ul	93
47) Dimethylphthalate	13.904	163	1341073	35.071	ng/ul	100
48) 2,6-Dinitrotoluene	14.033	165	261534	36.250	ng/ul#	87
50) Acenaphthylene	14.163	152	1910293	34.963	ng/ul	100
51) 3-Nitroaniline	14.363	138	305632	38.736	ng/ul	99
52) Acenaphthene	14.498	153	1230436	34.551	ng/ul	98
53) 2,4-Dinitrophenol	14.574	184	122806	31.233	ng/ul	96
55) 4-Nitrophenol	14.680	109	200669	36.082	ng/ul	85
56) Dibenzofuran	14.839	168	1717103	34.749	ng/ul	98
57) 2,4-Dinitrotoluene	14.816	165	387420	37.864	ng/ul#	88
58) 2,3,4,6-Tetrachlorophenol	15.069	232	276044	33.562	ng/ul#	91
59) Diethylphthalate	15.269	149	1387179	36.802	ng/ul	99
61) Fluorene	15.486	166	1398785	35.689	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.480	204	640431	34.980	ng/ul	99
63) 4-Nitroaniline	15.527	138	311332	42.300	ng/ul#	88
66) 4,6-Dinitro-2-methylph...	15.580	198	194760	32.616	ng/ul	96
67) N-Nitrosodiphenylamine	15.698	169	1156311	35.207	ng/ul	99
68) 4-Bromophenyl-phenylether	16.374	248	369178	34.706	ng/ul	97
69) Hexachlorobenzene	16.480	284	438878	34.046	ng/ul	93
70) Atrazine	16.657	200	122483	10.915	ng/ul	99
71) Pentachlorophenol	16.833	266	226207	31.830	ng/ul	97
72) Phenanthrene	17.221	178	2162204	35.802	ng/ul	98
74) Anthracene	17.315	178	2200349	36.342	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.233	216	529671	30.729	ng/ul	98
76) Pentachlorobenzene	14.751	250	510892	31.743	ng/ul	99
77) Carbazole	17.592	167	2063483	36.400	ng/ul	98
78) Di-n-butylphthalate	18.151	149	2379719	38.380	ng/ul	99
80) Fluoranthene	19.239	202	2476960	34.934	ng/ul	98
82) Pyrene	19.604	202	2579250	34.859	ng/ul	99
83) Butylbenzylphthalate	20.503	149	1034558	37.374	ng/ul	89
84) 3,3'-Dichlorobenzidine	21.286	252	789960	33.919	ng/ul	99
85) Benzo(a)anthracene	21.351	228	2426819	35.707	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.280	149	1511028	39.536	ng/ul	98
87) Chrysene	21.403	228	2381275	35.657	ng/ul	99
89) Di-n-octyl phthalate	22.180	149	2519811	37.228	ng/ul	100
90) Benzo(b)fluoranthene	22.986	252	2469846	35.578	ng/ul	98
91) Benzo(k)fluoranthene	23.033	252	2462187	37.280	ng/ul	99
93) Benzo(a)pyrene	23.592	252	2489766	36.457	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.109	276	2809527	34.990	ng/ul	98
95) Dibenzo(a,h)anthracene	26.121	278	2447626	35.386	ng/ul	98
96) Benzo(g,h,i)perylene	26.844	276	2397252	34.912	ng/ul	99

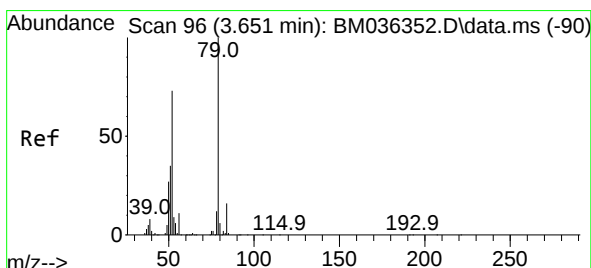
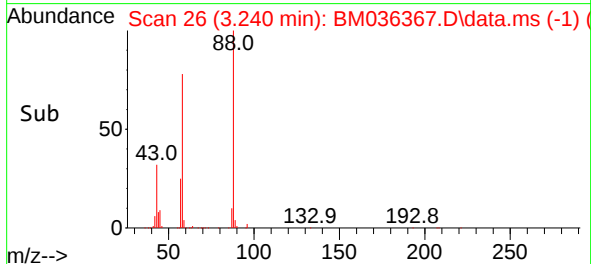
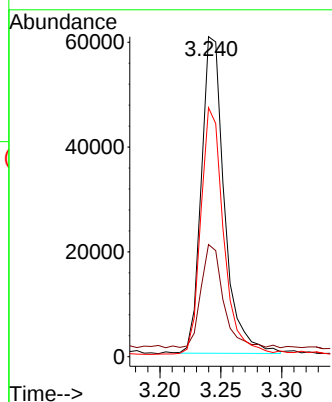
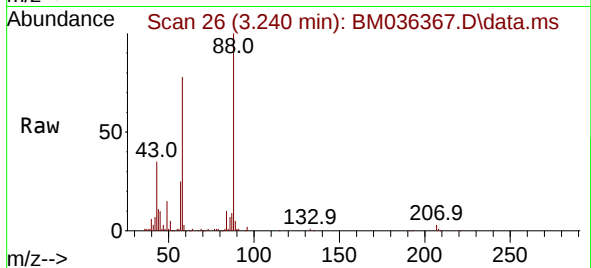
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#2
 1,4-Dioxane
 Concen: 12.415 ng/uL
 RT: 3.240 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: BM036367.D
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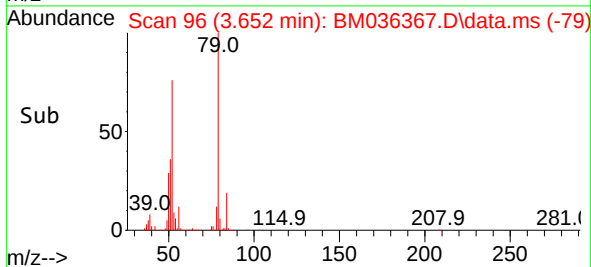
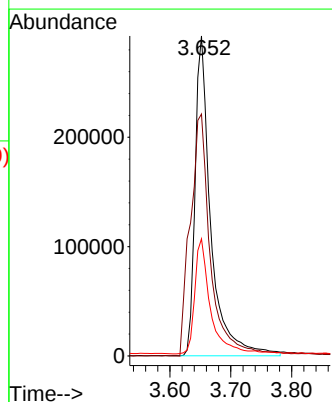
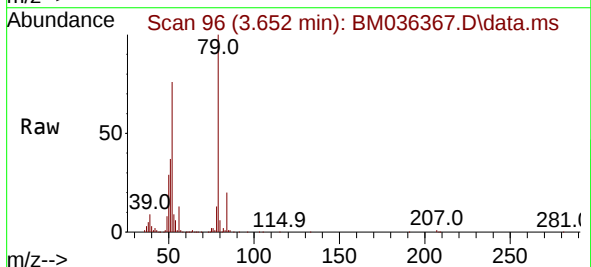
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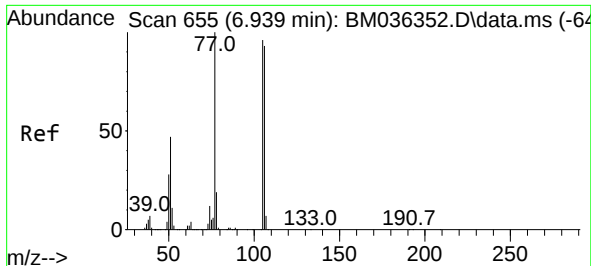
Tgt Ion: 88 Resp: 79448
 Ion Ratio Lower Upper
 88 100
 43 35.0 27.8 41.8
 58 77.8 61.8 92.8



#5
 Pyridine
 Concen: 30.311 ng/uL
 RT: 3.652 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: BM036367.D
 Acq: 22 Aug 2022 15:39

Tgt Ion: 79 Resp: 524630
 Ion Ratio Lower Upper
 79 100
 52 75.6 67.8 101.6
 51 36.6 31.4 47.0

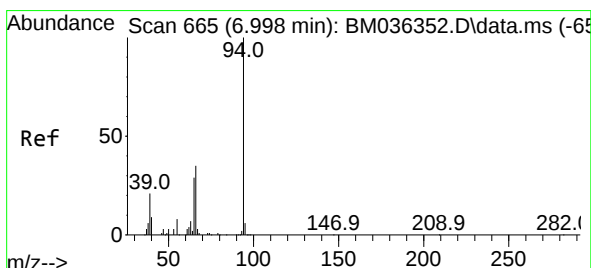
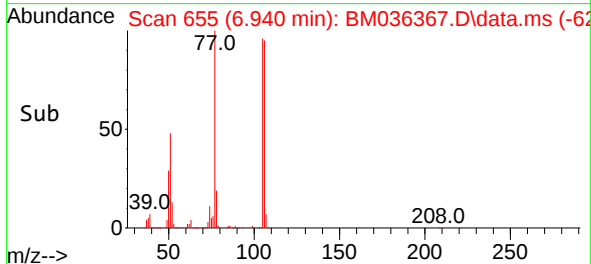
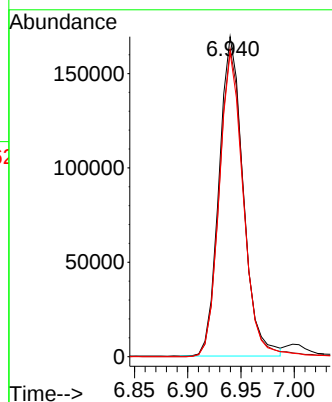
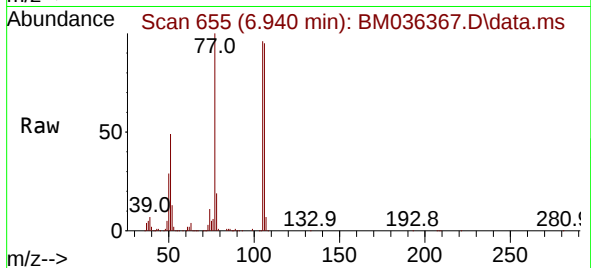




#6
Benzaldehyde
Concen: 32.824 ng/ul
RT: 6.940 min Scan# 655
Delta R.T. 0.000 min
Lab File: BM036367.D
Acq: 22 Aug 2022 15:39

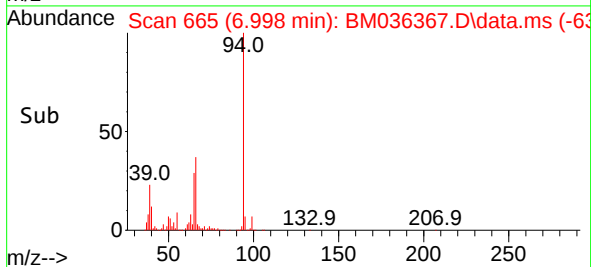
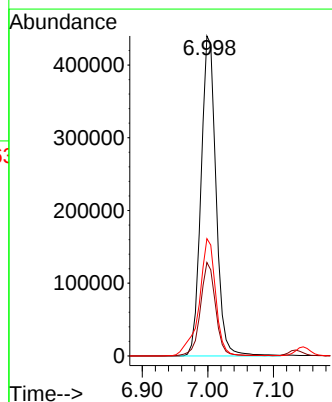
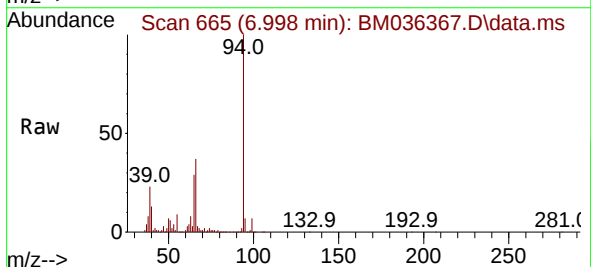
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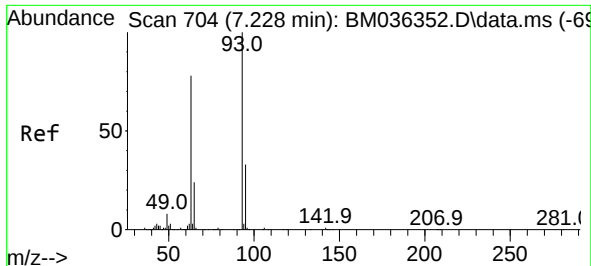
Tgt Ion: 77 Resp: 266484
Ion Ratio Lower Upper
77 100
105 96.2 84.6 127.0
106 95.1 80.3 120.5



#8
Phenol
Concen: 34.125 ng/ul
RT: 6.998 min Scan# 665
Delta R.T. 0.000 min
Lab File: BM036367.D
Acq: 22 Aug 2022 15:39

Tgt Ion: 94 Resp: 701230
Ion Ratio Lower Upper
94 100
65 29.2 21.3 31.9
66 36.7 27.4 41.0

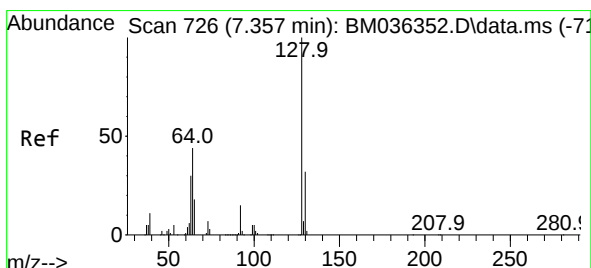
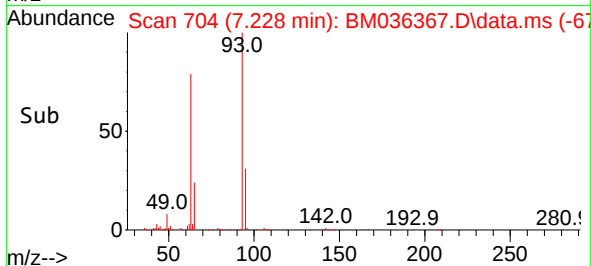
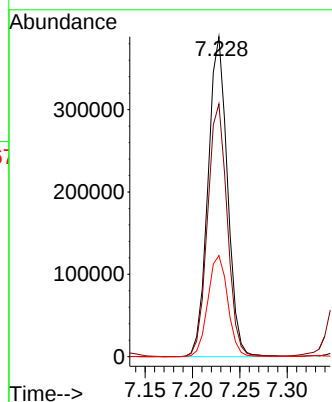
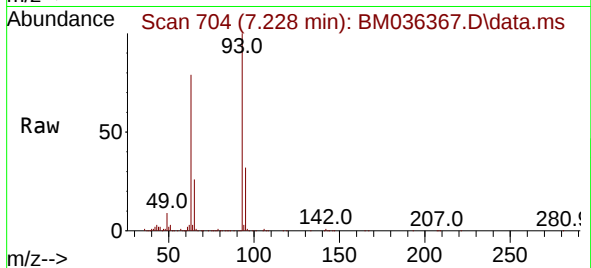




#10
Bis(2-Chloroethyl)ether
Concen: 33.723 ng/ul
RT: 7.228 min Scan# 704
Delta R.T. 0.000 min
Lab File: BM036367.D
Acq: 22 Aug 2022 15:39

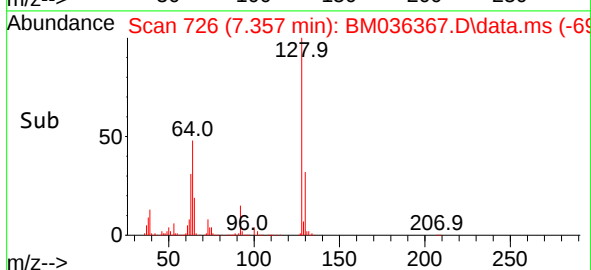
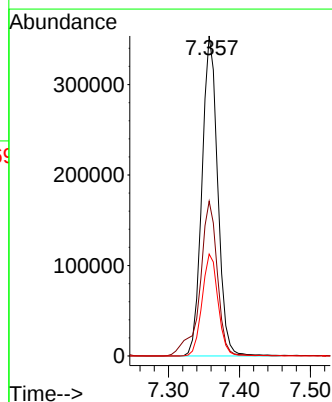
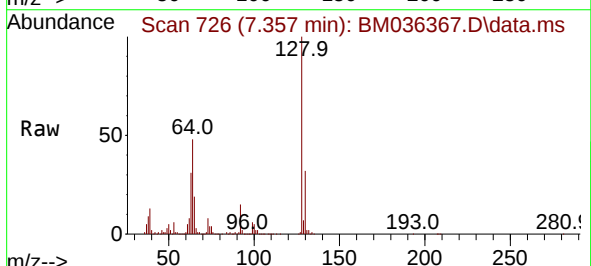
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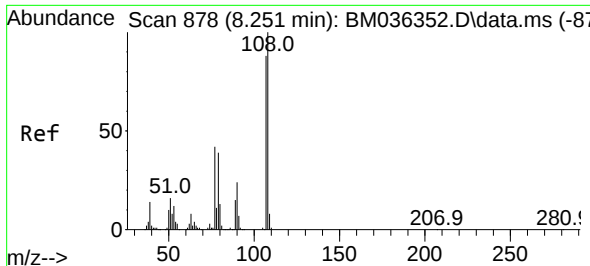
Tgt Ion: 93 Resp: 554276
Ion Ratio Lower Upper
93 100
63 79.0 64.0 96.0
95 31.6 25.8 38.6



#12
2-Chlorophenol
Concen: 33.695 ng/ul
RT: 7.357 min Scan# 726
Delta R.T. 0.000 min
Lab File: BM036367.D
Acq: 22 Aug 2022 15:39

Tgt Ion:128 Resp: 547173
Ion Ratio Lower Upper
128 100
64 48.4 36.9 55.3
130 31.8 25.6 38.4

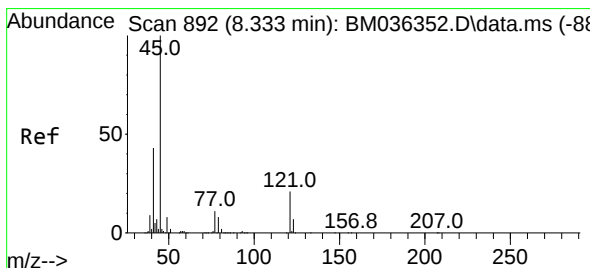
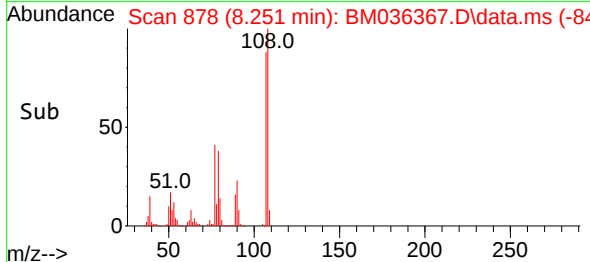
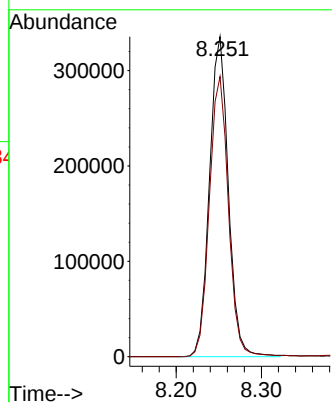
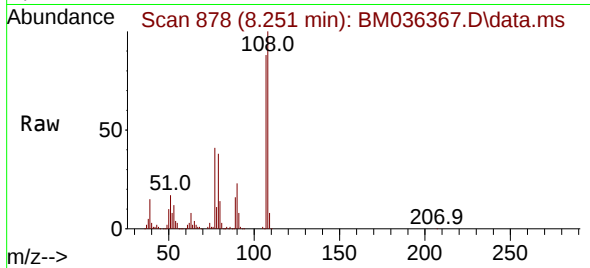




#13
2-Methylphenol
Concen: 34.102 ng/ul
RT: 8.251 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM036367.D
Acq: 22 Aug 2022 15:39

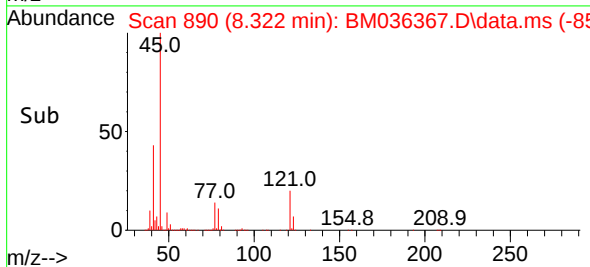
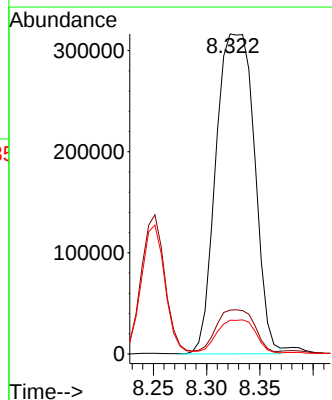
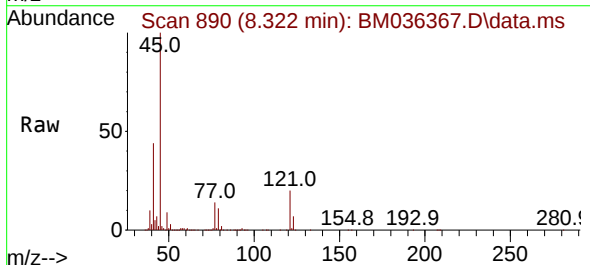
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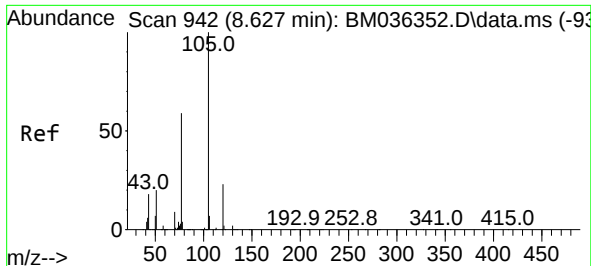
Tgt Ion:108 Resp: 516564
Ion Ratio Lower Upper
108 100
107 87.6 75.0 112.4



#14
2,2'-oxybis(1-Chloropropane)
Concen: 36.119 ng/ul
RT: 8.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BM036367.D
Acq: 22 Aug 2022 15:39

Tgt Ion: 45 Resp: 794243
Ion Ratio Lower Upper
45 100
77 13.7 10.6 15.8
79 10.6 8.3 12.5

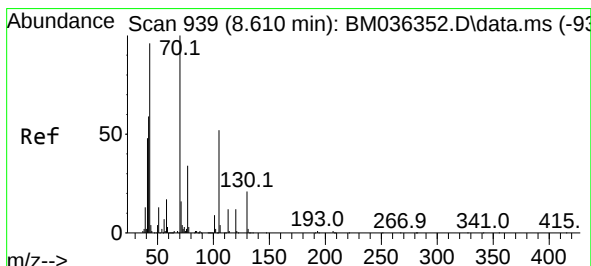
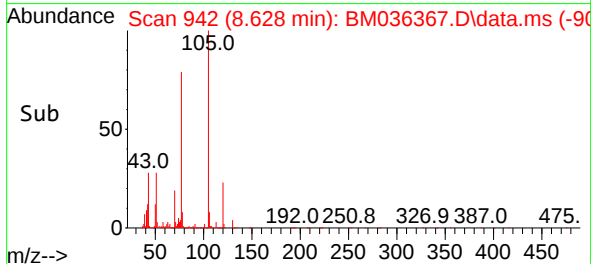
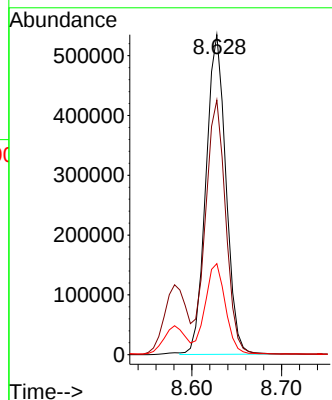
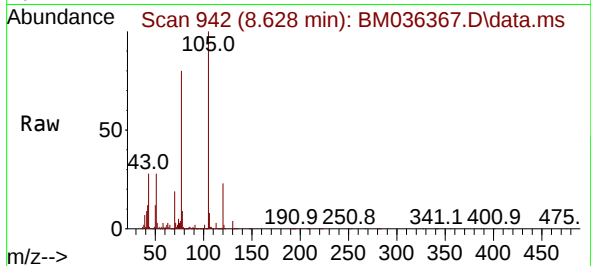




#16
Acetophenone
Concen: 34.797 ng/ul
RT: 8.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BM036367.D
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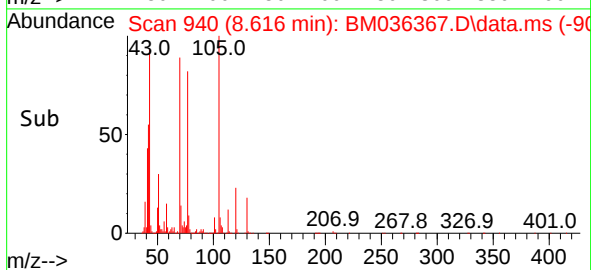
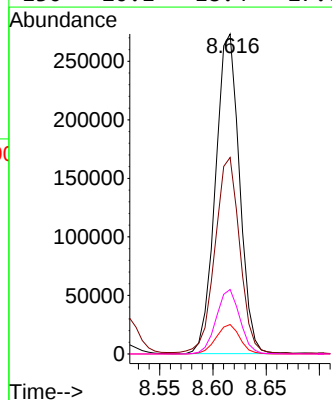
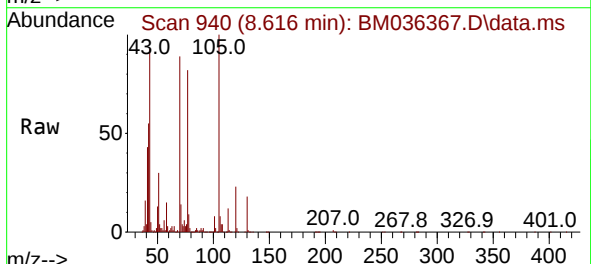
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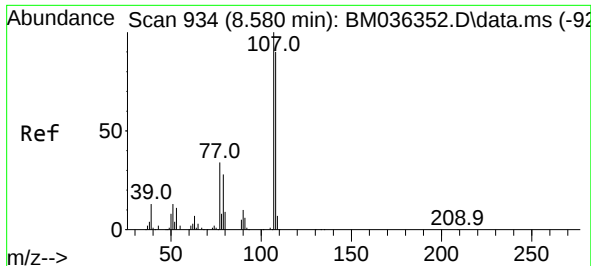
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Ion Ratio Lower Upper
105 100
77 79.6 59.8 89.6
51 28.4 22.1 33.1



#17
N-Nitroso-di-n-propylamine
Concen: 36.183 ng/ul
RT: 8.616 min Scan# 940
Delta R.T. 0.006 min
Lab File: BM036367.D
Acq: 22 Aug 2022 15:39

Tgt Ion: 70 Resp: 427461
Ion Ratio Lower Upper
70 100
42 61.4 49.6 74.4
101 9.2 8.1 12.1
130 20.1 18.4 27.6

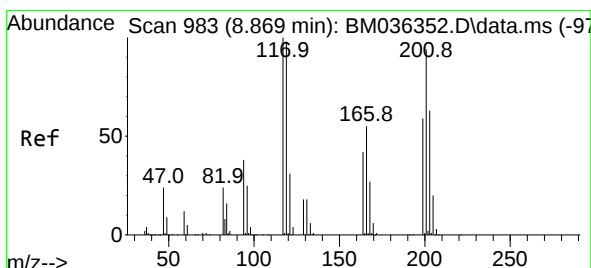
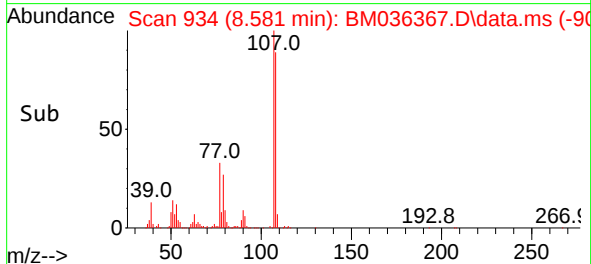
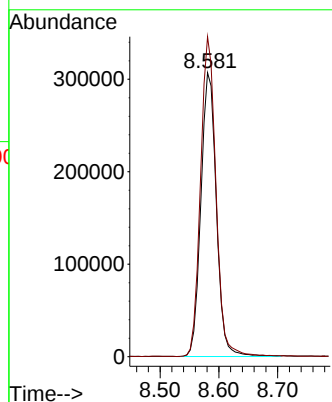
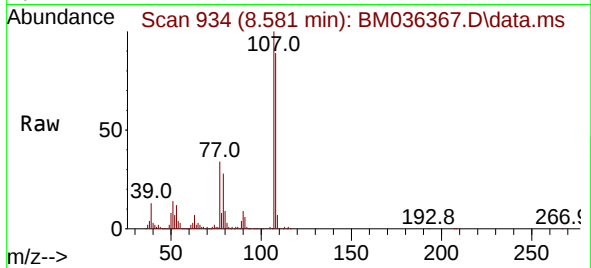




#18
4-Methylphenol
Concen: 34.614 ng/ul
RT: 8.581 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM036367.D
Acq: 22 Aug 2022 15:39

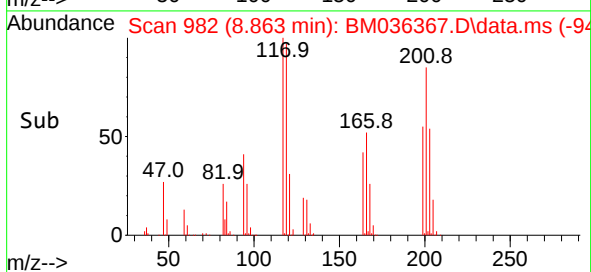
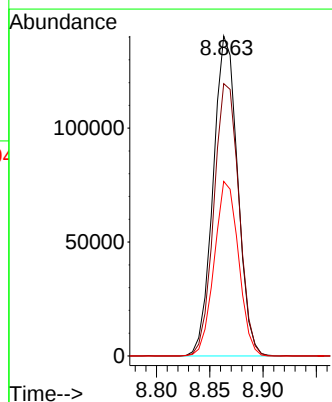
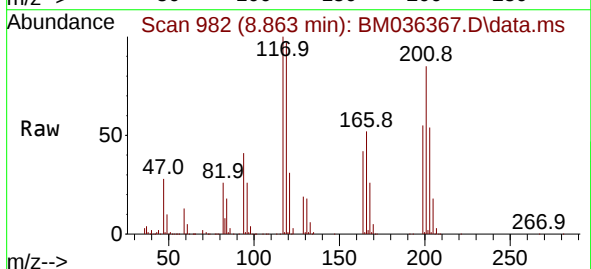
Instrument :
BNA_M
ClientSampleId :

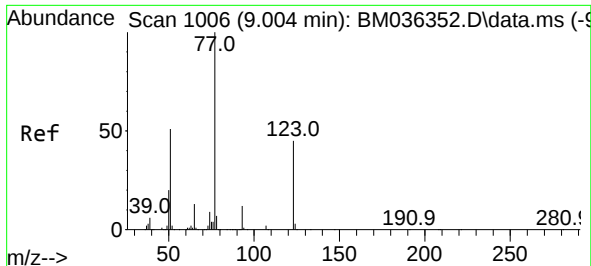
Tgt Ion:108 Resp: 561249
Ion Ratio Lower Upper
108 100
107 112.7 90.3 135.5



#19
Hexachloroethane
Concen: 32.996 ng/ul
RT: 8.863 min Scan# 982
Delta R.T. 0.000 min
Lab File: BM036367.D
Acq: 22 Aug 2022 15:39

Tgt Ion:117 Resp: 224170
Ion Ratio Lower Upper
117 100
201 85.1 81.8 122.6
199 54.6 51.6 77.4

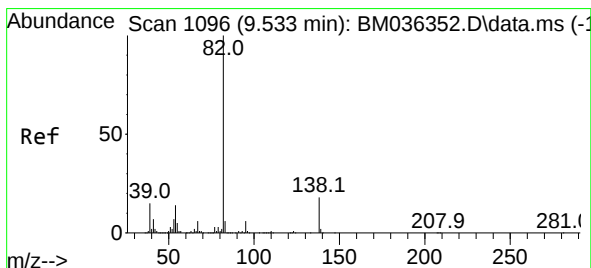
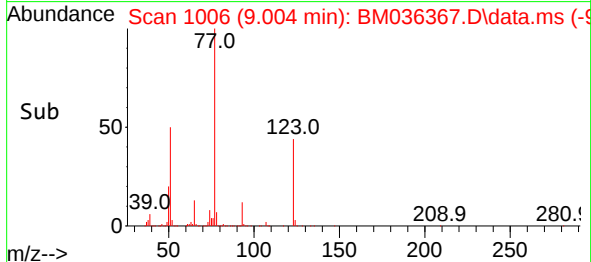
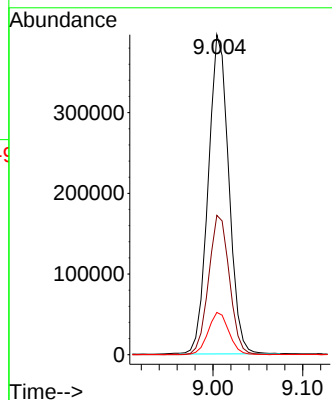
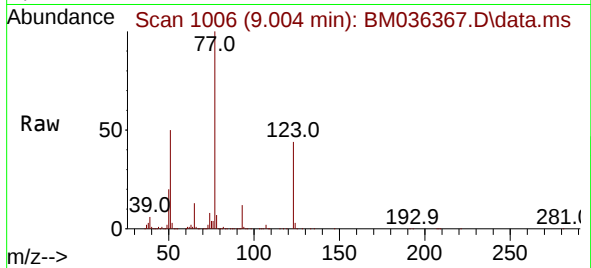




#22
Nitrobenzene
Concen: 35.337 ng/ul
RT: 9.004 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BM036367.D
Acq: 22 Aug 2022 15:39

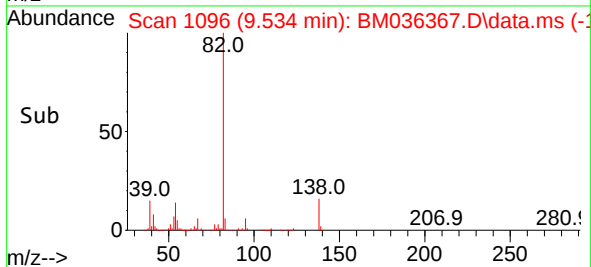
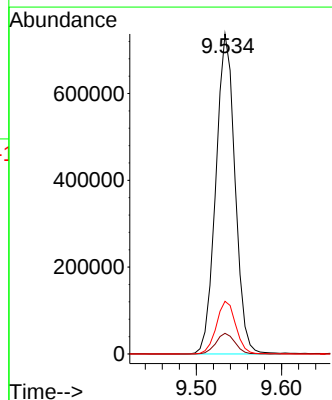
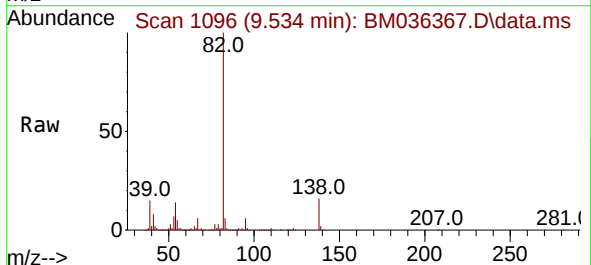
Instrument :
BNA_M
ClientSampleId :

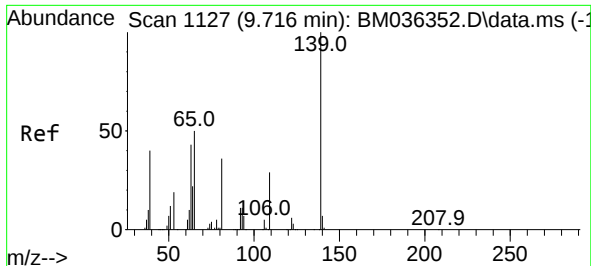
Tgt Ion: 77 Resp: 628964
Ion Ratio Lower Upper
77 100
123 43.6 37.4 56.0
65 13.2 10.8 16.2



#23
Isophorone
Concen: 36.500 ng/ul
RT: 9.534 min Scan# 1096
Delta R.T. 0.000 min
Lab File: BM036367.D
Acq: 22 Aug 2022 15:39

Tgt Ion: 82 Resp: 1153694
Ion Ratio Lower Upper
82 100
95 6.5 5.5 8.3
138 16.4 15.3 22.9

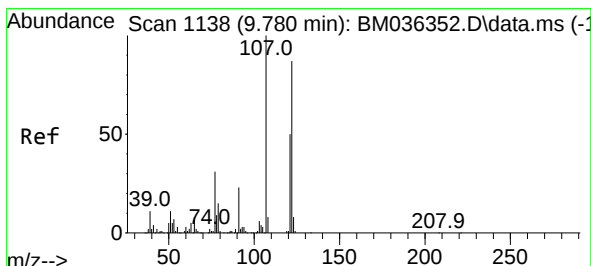
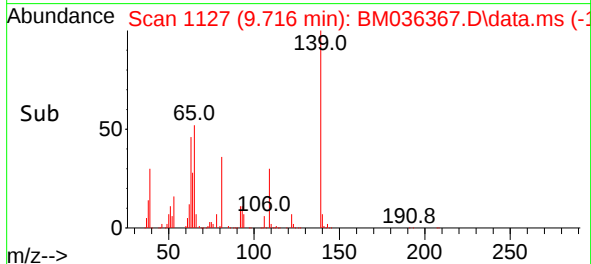
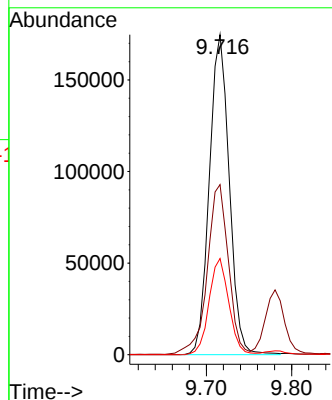
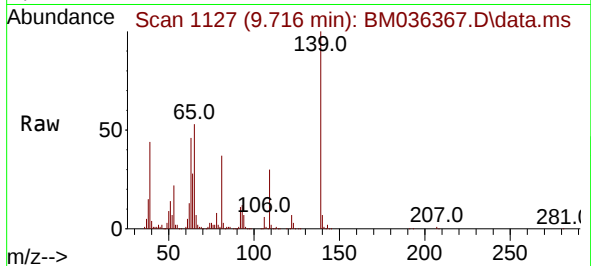




#25
2-Nitrophenol
Concen: 33.395 ng/ul
RT: 9.716 min Scan# 1127
Delta R.T. 0.000 min
Lab File: BM036367.D
Acq: 22 Aug 2022 15:39

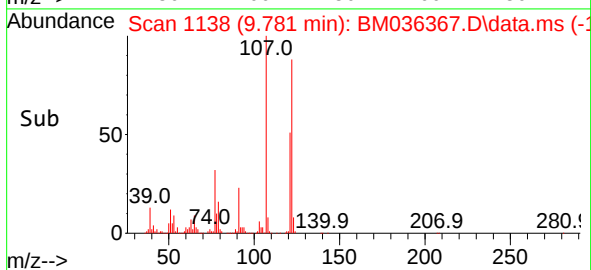
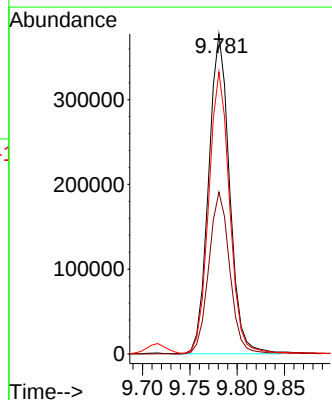
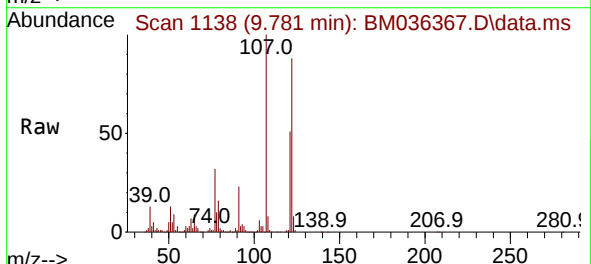
Instrument :
BNA_M
ClientSampleId :

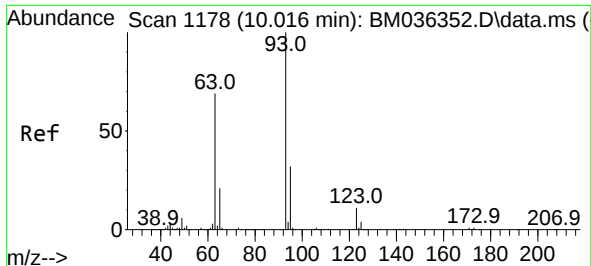
Tgt Ion:139 Resp: 283499
Ion Ratio Lower Upper
139 100
65 53.2 39.8 59.6
109 30.0 22.2 33.4



#26
2,4-Dimethylphenol
Concen: 34.202 ng/ul
RT: 9.781 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BM036367.D
Acq: 22 Aug 2022 15:39

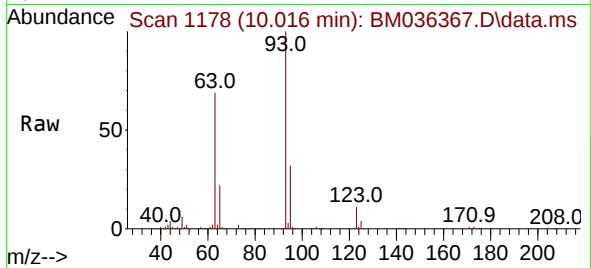
Tgt Ion:107 Resp: 580653
Ion Ratio Lower Upper
107 100
121 50.6 42.7 64.1
122 88.1 71.5 107.3



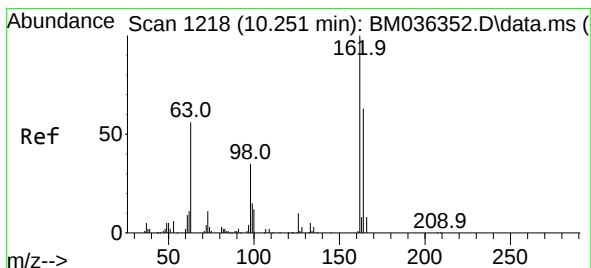
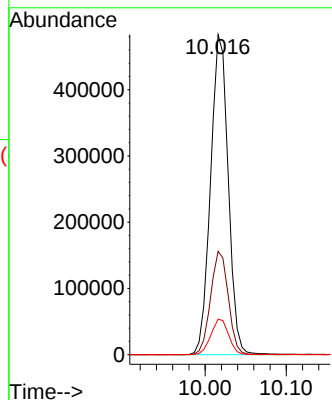
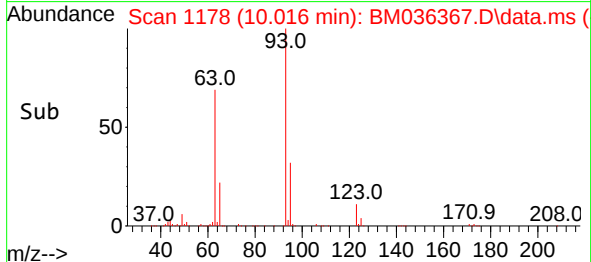


#27
 Bis(2-Chloroethoxy)methane
 Concen: 35.441 ng/ul
 RT: 10.016 min Scan# 1178
 Delta R.T. 0.000 min
 Lab File: BM036367.D
 Acq: 22 Aug 2022 15:39

Instrument :
 BNA_M
 ClientSampleId :

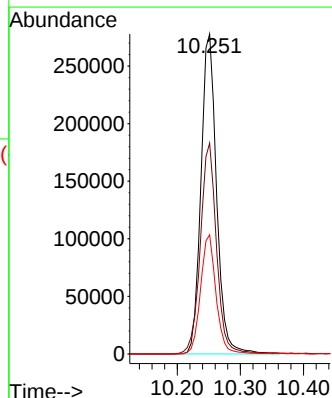
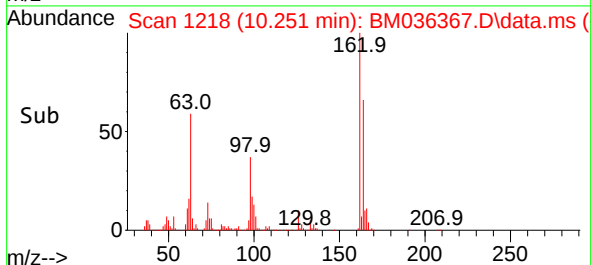
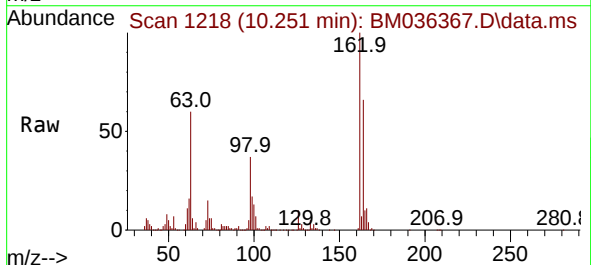


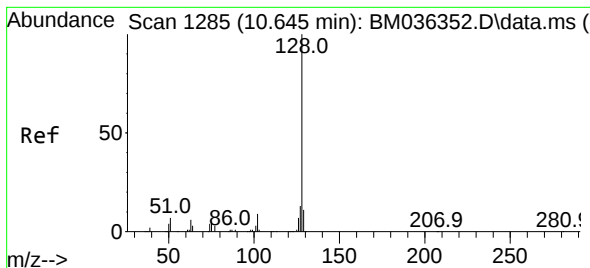
Tgt Ion: 93 Resp: 729290
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.1 39.1
 123 11.1 9.4 14.0



#29
 2,4-Dichlorophenol
 Concen: 34.287 ng/ul
 RT: 10.251 min Scan# 1218
 Delta R.T. 0.000 min
 Lab File: BM036367.D
 Acq: 22 Aug 2022 15:39

Tgt Ion: 162 Resp: 477596
 Ion Ratio Lower Upper
 162 100
 164 65.9 51.8 77.6
 98 37.3 29.5 44.3

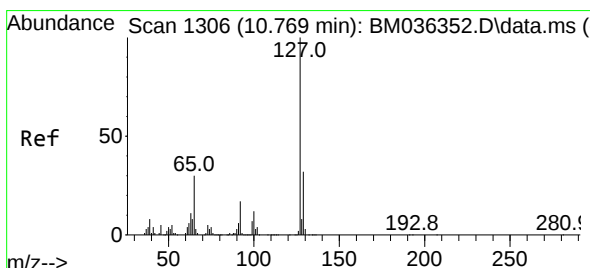
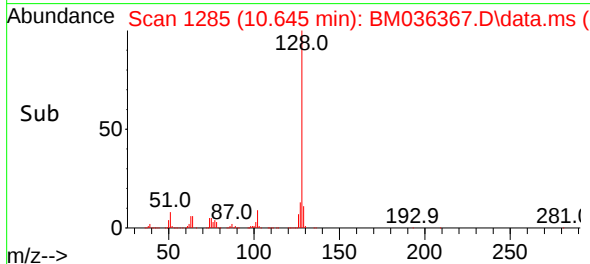
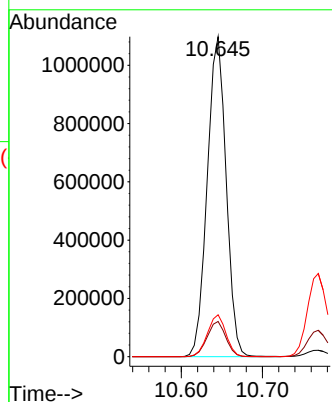
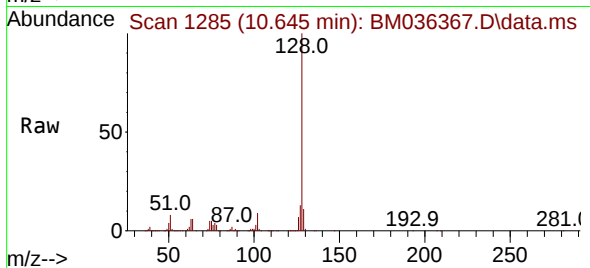




#30
Naphthalene
Concen: 34.123 ng/ul
RT: 10.645 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BM036367.D
Acq: 22 Aug 2022 15:39

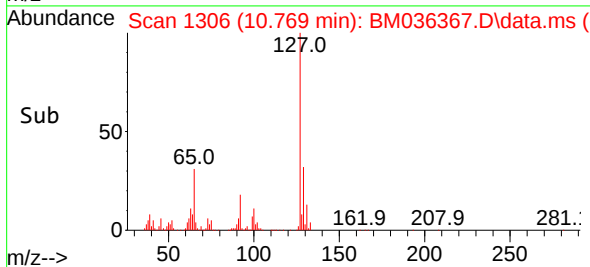
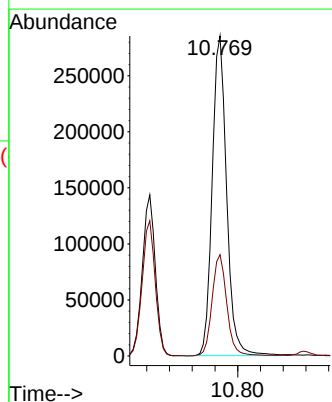
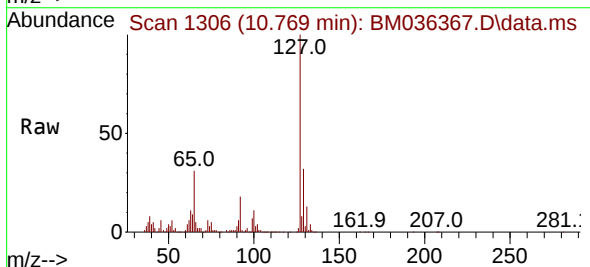
Instrument :
BNA_M
ClientSampleId :

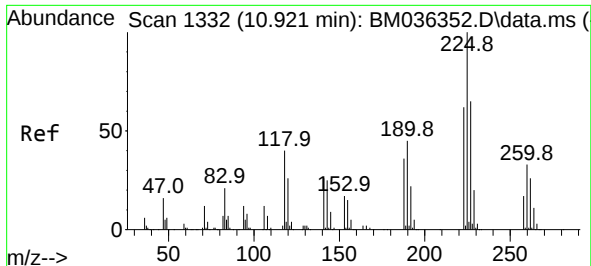
Tgt Ion:128 Resp: 1774457
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.1 10.6 16.0



#32
4-Chloroaniline
Concen: 23.427 ng/ul
RT: 10.769 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BM036367.D
Acq: 22 Aug 2022 15:39

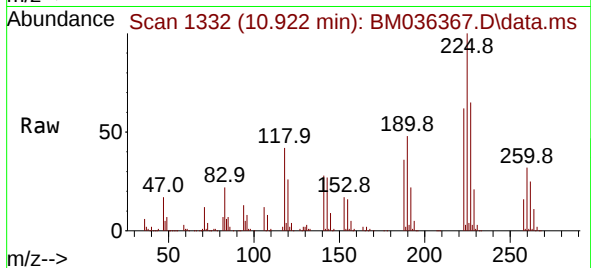
Tgt Ion:127 Resp: 502932
Ion Ratio Lower Upper
127 100
129 31.7 25.3 37.9



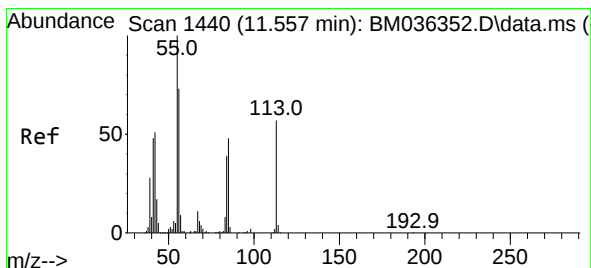
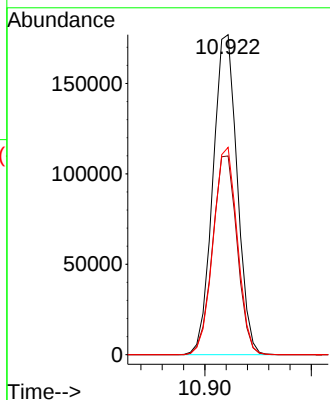
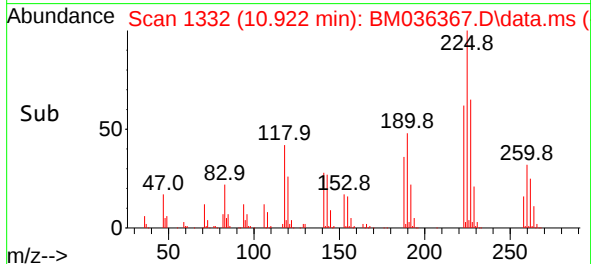


#33
Hexachlorobutadiene
Concen: 31.984 ng/ul
RT: 10.922 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM036367.D
Acq: 22 Aug 2022 15:39

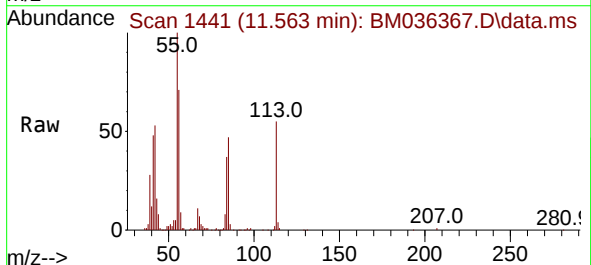
Instrument :
BNA_M
ClientSampleId :



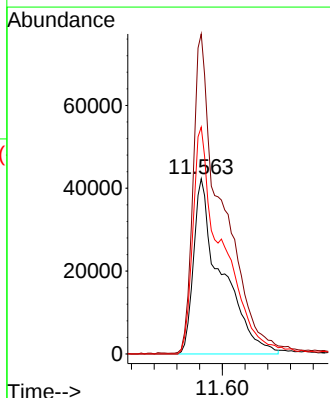
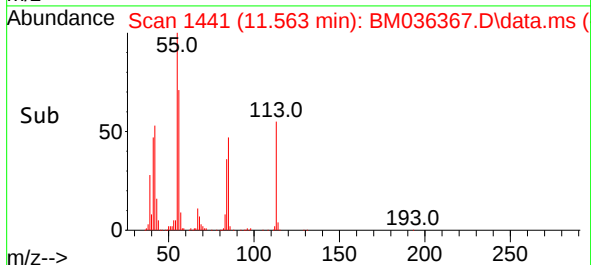
Tgt Ion:225 Resp: 279892
Ion Ratio Lower Upper
225 100
223 62.1 50.0 75.0
227 64.8 49.9 74.9

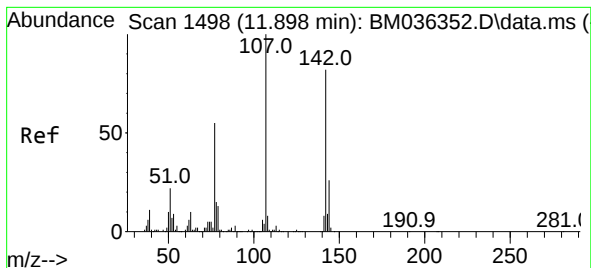


#34
Caprolactam
Concen: 34.661 ng/ul
RT: 11.563 min Scan# 1441
Delta R.T. 0.006 min
Lab File: BM036367.D
Acq: 22 Aug 2022 15:39



Tgt Ion:113 Resp: 144661
Ion Ratio Lower Upper
113 100
55 182.7 150.2 225.4
56 129.5 102.1 153.1

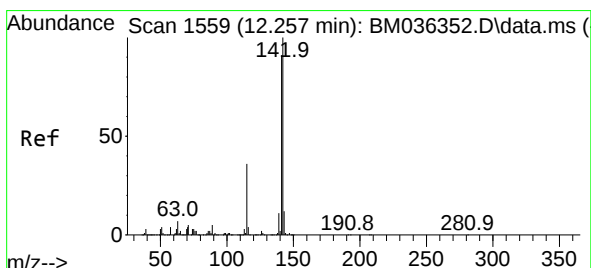
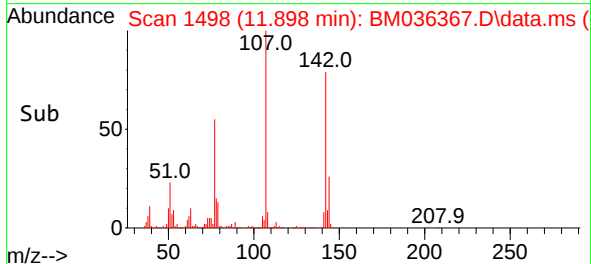
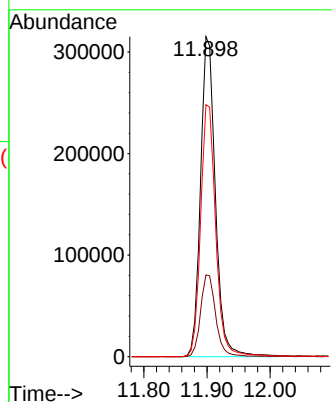
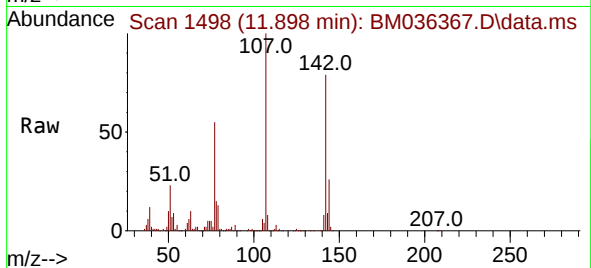




#35
4-Chloro-3-methylphenol
Concen: 36.579 ng/ul
RT: 11.898 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BM036367.D
Acq: 22 Aug 2022 15:39

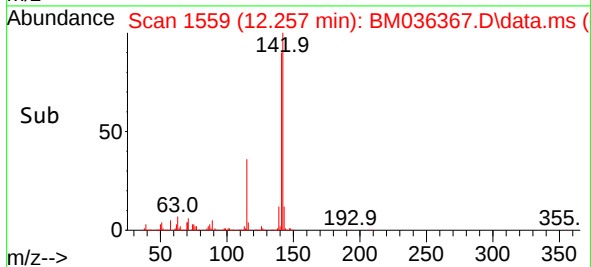
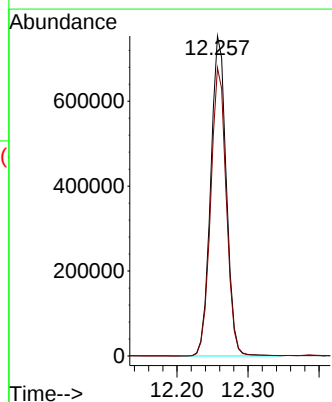
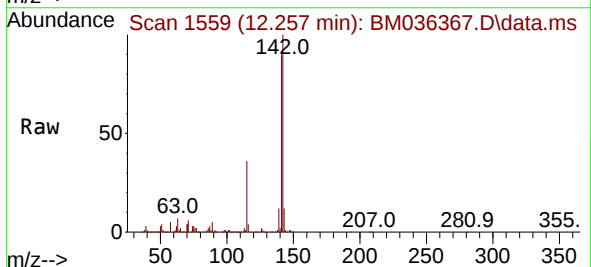
Instrument :
BNA_M
ClientSampleId :

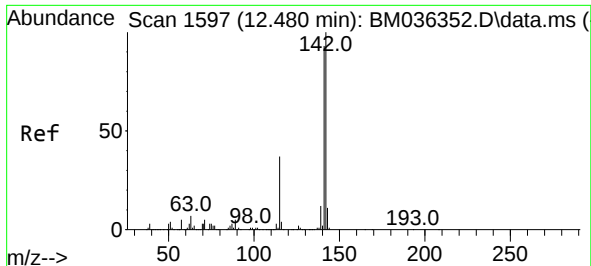
Tgt Ion:107 Resp: 515178
Ion Ratio Lower Upper
107 100
144 25.5 20.3 30.5
142 78.7 64.4 96.6



#36
2-Methylnaphthalene
Concen: 35.297 ng/ul
RT: 12.257 min Scan# 1559
Delta R.T. 0.000 min
Lab File: BM036367.D
Acq: 22 Aug 2022 15:39

Tgt Ion:142 Resp: 1151625
Ion Ratio Lower Upper
142 100
141 90.0 70.7 106.1





#37

1-Methylnaphthalene

Concen: 35.267 ng/ul

RT: 12.480 min Scan# 1

Delta R.T. 0.006 min

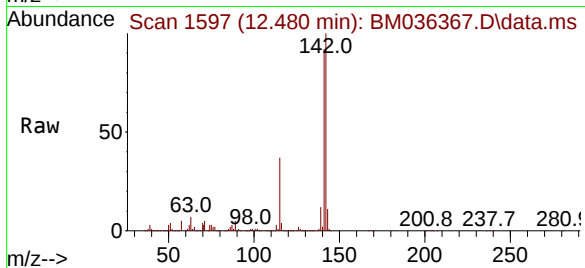
Lab File: BM036367.D

Acq: 22 Aug 2022 15:39

Instrument :

BNA_M

ClientSampleId :



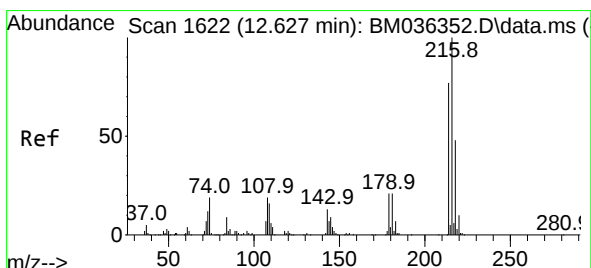
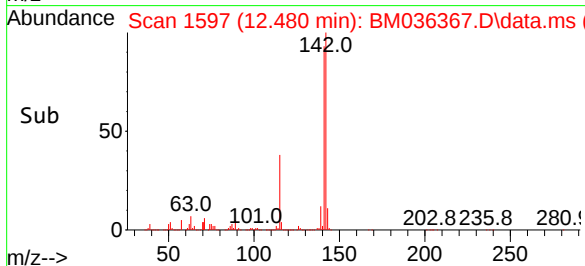
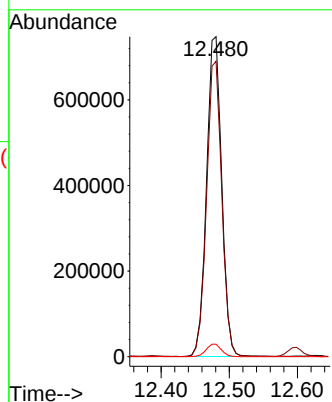
Tgt Ion:142 Resp: 1158809

Ion Ratio Lower Upper

142 100

141 92.3 75.2 112.8

116 3.9 2.6 3.8#



#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.386 ng/ul

RT: 12.628 min Scan# 1622

Delta R.T. 0.006 min

Lab File: BM036367.D

Acq: 22 Aug 2022 15:39

Tgt Ion:216 Resp: 525622

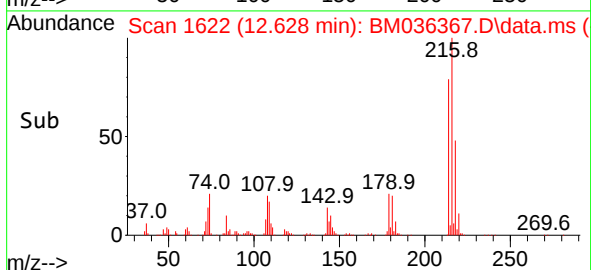
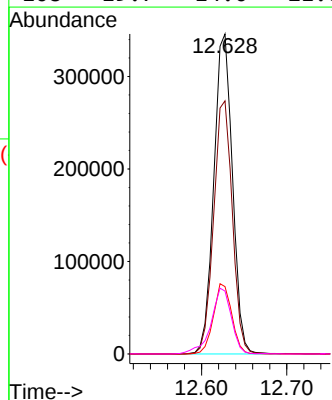
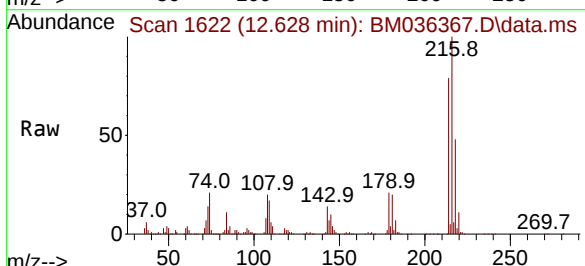
Ion Ratio Lower Upper

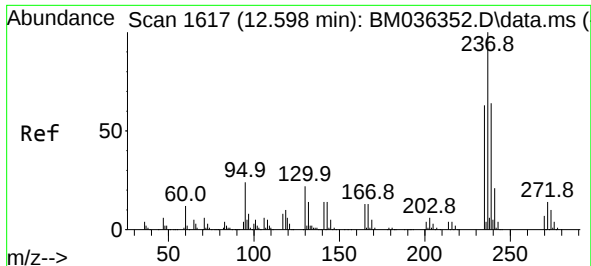
216 100

214 79.1 62.4 93.6

179 21.0 17.3 25.9

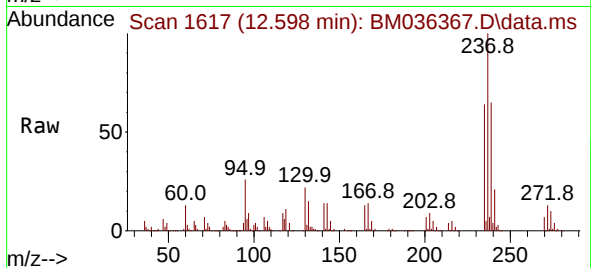
108 19.7 14.0 21.0



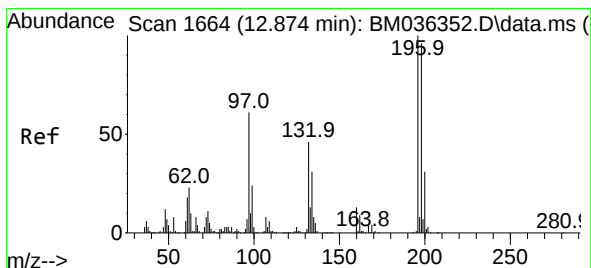
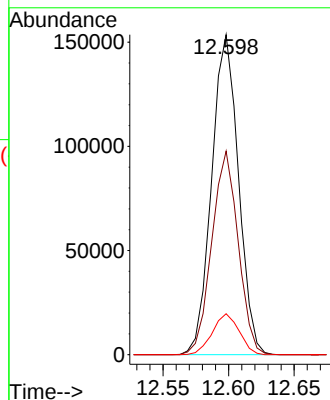
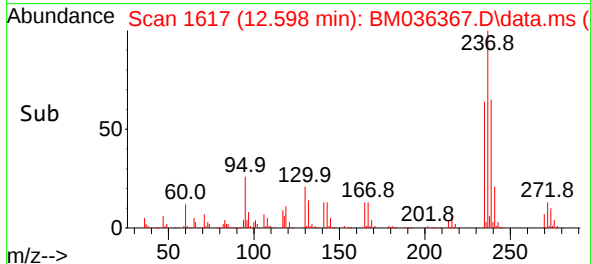


#40
Hexachlorocyclopentadiene
Concen: 22.685 ng/ul
RT: 12.598 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM036367.D
Acq: 22 Aug 2022 15:39

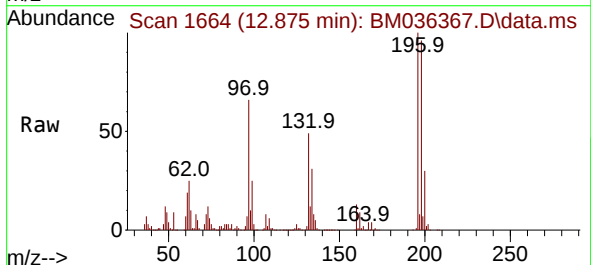
Instrument :
BNA_M
ClientSampleId :



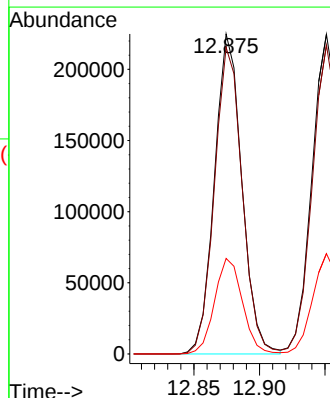
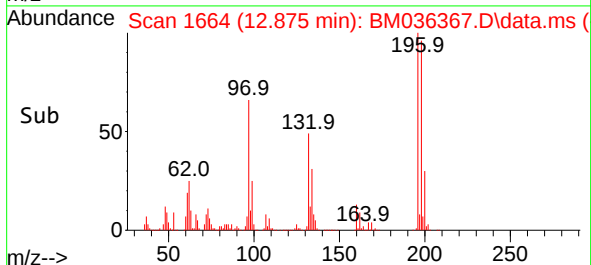
Tgt Ion:237 Resp: 218417
Ion Ratio Lower Upper
237 100
235 63.6 48.4 72.6
272 12.8 11.6 17.4

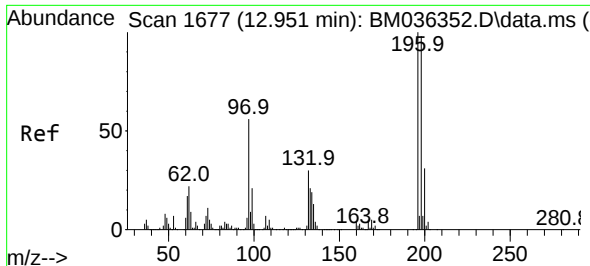


#41
2,4,6-Trichlorophenol
Concen: 32.013 ng/ul
RT: 12.875 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BM036367.D
Acq: 22 Aug 2022 15:39



Tgt Ion:196 Resp: 326943
Ion Ratio Lower Upper
196 100
198 95.8 77.8 116.6
200 29.8 25.0 37.6

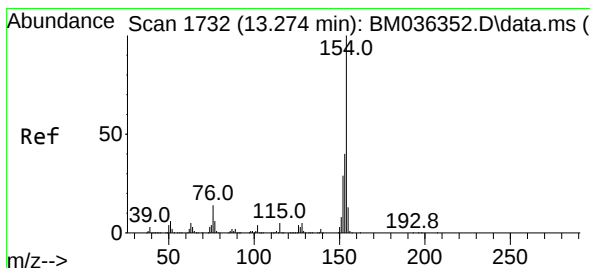
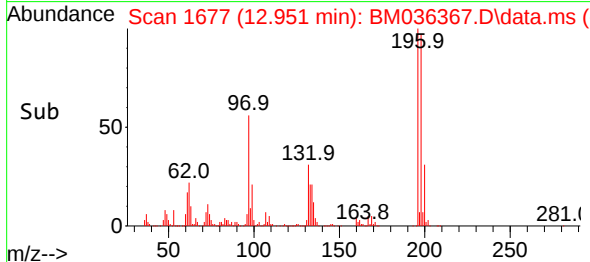
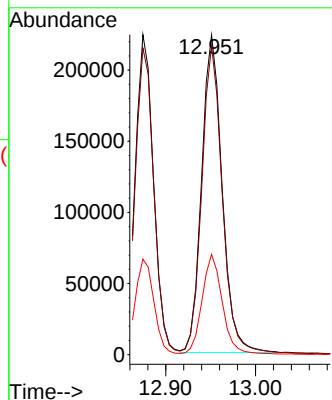
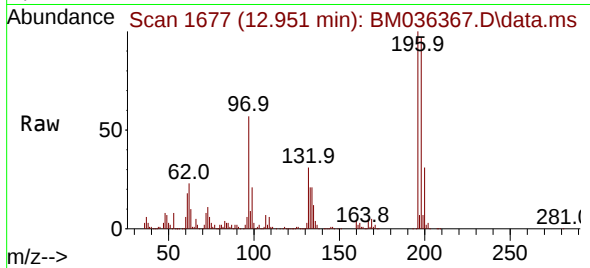




#42
2,4,5-Trichlorophenol
Concen: 32.739 ng/uI
RT: 12.951 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BM036367.D
Acq: 22 Aug 2022 15:39

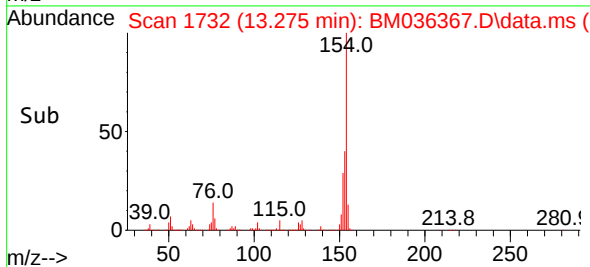
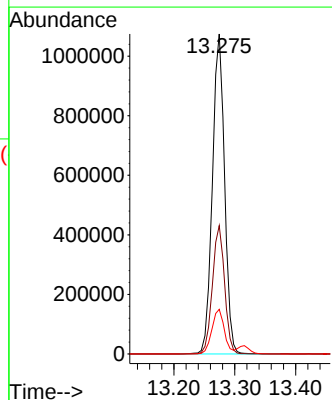
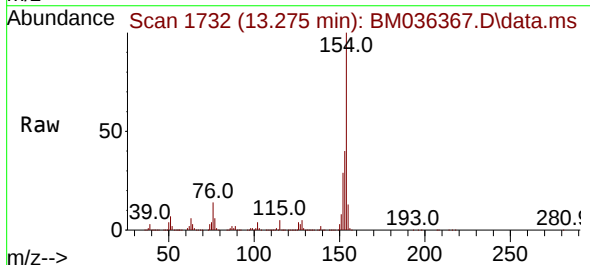
Instrument :
BNA_M
ClientSampleId :

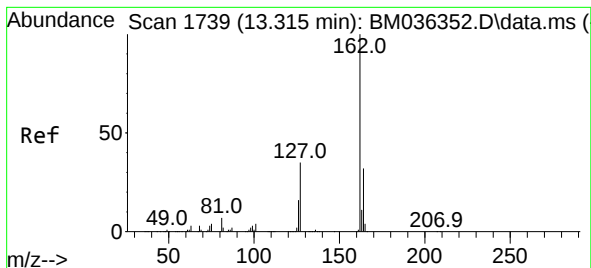
Tgt Ion:196 Resp: 354650
Ion Ratio Lower Upper
196 100
198 96.6 76.8 115.2
200 31.4 24.9 37.3



#43
1,1'-Biphenyl
Concen: 33.774 ng/uI
RT: 13.275 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BM036367.D
Acq: 22 Aug 2022 15:39

Tgt Ion:154 Resp: 1491549
Ion Ratio Lower Upper
154 100
153 40.1 32.4 48.6
76 14.0 10.1 15.1





#44

2-Chloronaphthalene

Concen: 33.439 ng/ul

RT: 13.316 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM036367.D

Acq: 22 Aug 2022 15:39

Instrument :

BNA_M

ClientSampleId :

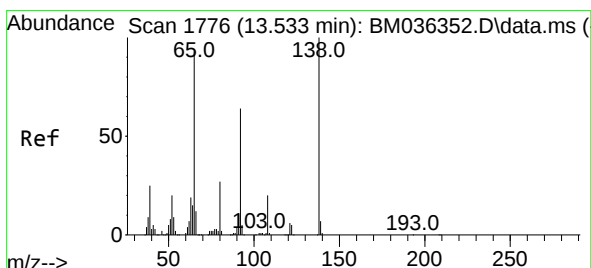
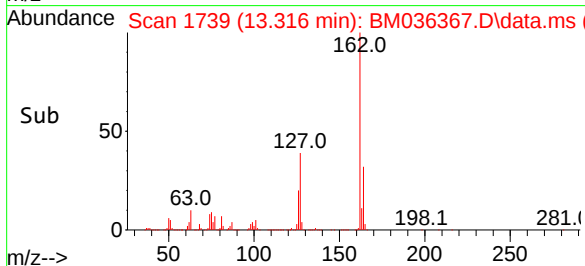
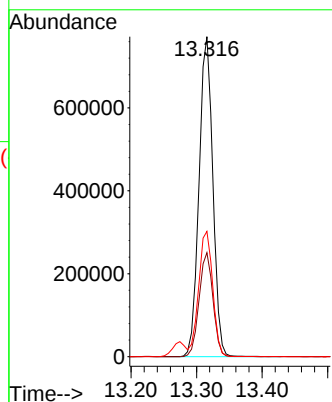
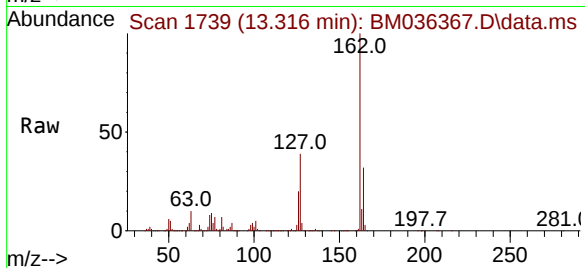
Tgt Ion:162 Resp: 1133199

Ion Ratio Lower Upper

162 100

164 32.5 25.4 38.0

127 39.2 31.6 47.4



#45

2-Nitroaniline

Concen: 37.905 ng/ul

RT: 13.533 min Scan# 1776

Delta R.T. 0.000 min

Lab File: BM036367.D

Acq: 22 Aug 2022 15:39

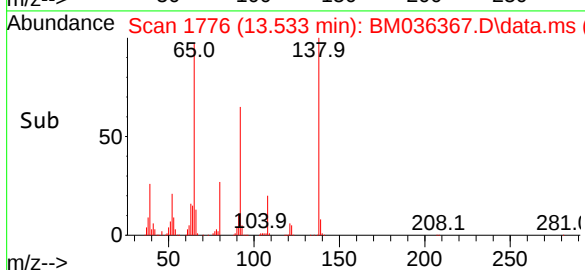
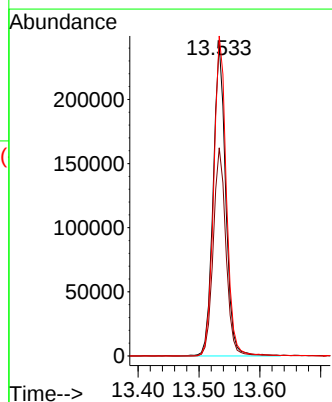
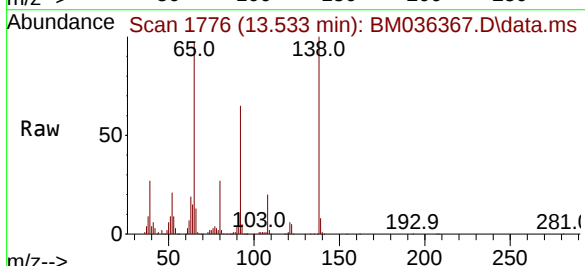
Tgt Ion: 65 Resp: 347839

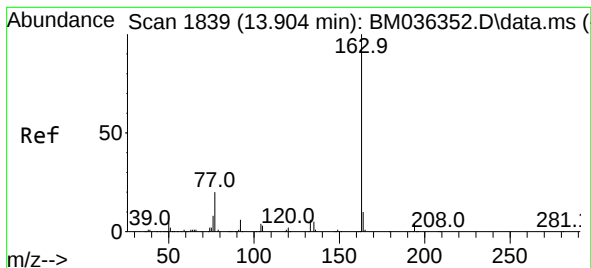
Ion Ratio Lower Upper

65 100

92 66.8 54.5 81.7

138 102.7 91.2 136.8





#47

Dimethylphthalate

Concen: 35.071 ng/ul

RT: 13.904 min Scan# 1839

Delta R.T. 0.000 min

Lab File: BM036367.D

Acq: 22 Aug 2022 15:39

Instrument :

BNA_M

ClientSampleId :

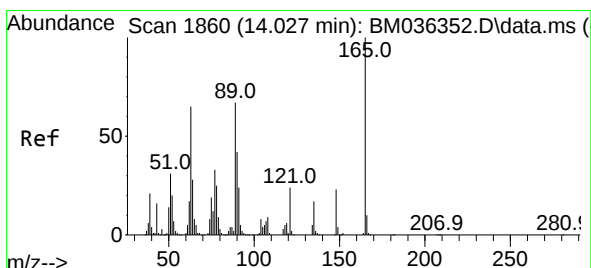
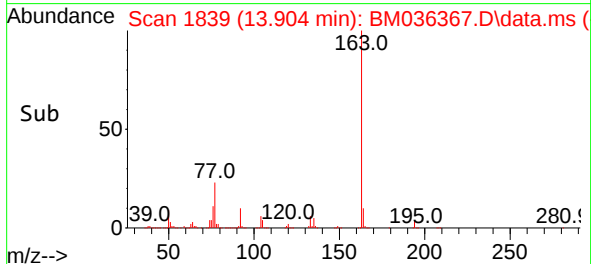
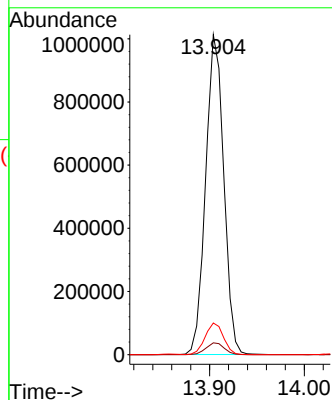
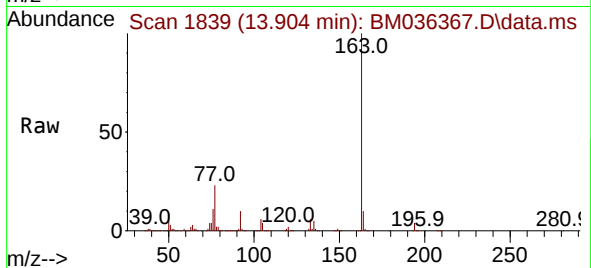
Tgt Ion:163 Resp: 1341073

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

164 9.9 7.9 11.9



#48

2,6-Dinitrotoluene

Concen: 36.250 ng/ul

RT: 14.033 min Scan# 1861

Delta R.T. 0.006 min

Lab File: BM036367.D

Acq: 22 Aug 2022 15:39

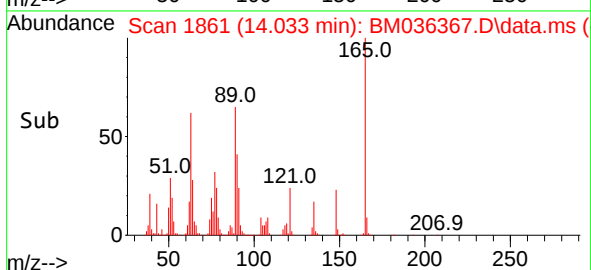
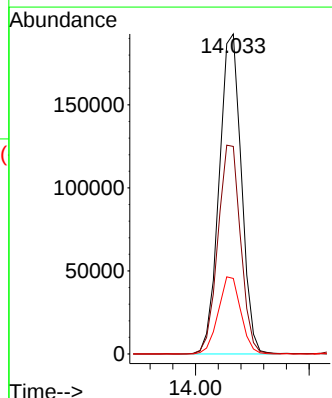
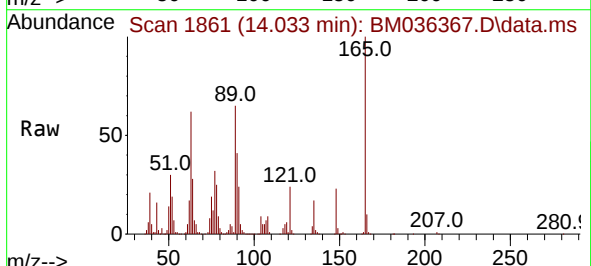
Tgt Ion:165 Resp: 261534

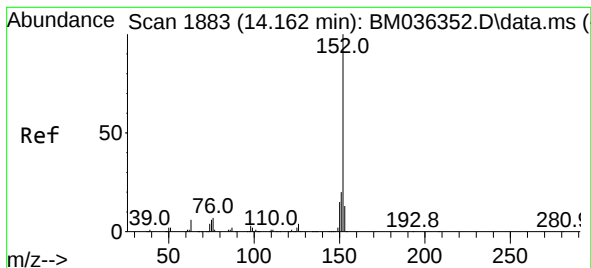
Ion Ratio Lower Upper

165 100

89 64.9 42.5 63.7#

121 23.6 17.2 25.8





#50

Acenaphthylene

Concen: 34.963 ng/ul

RT: 14.163 min Scan# 1883

Delta R.T. 0.006 min

Lab File: BM036367.D

Acq: 22 Aug 2022 15:39

Instrument :

BNA_M

ClientSampleId :

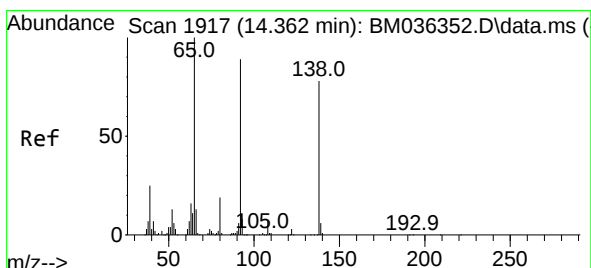
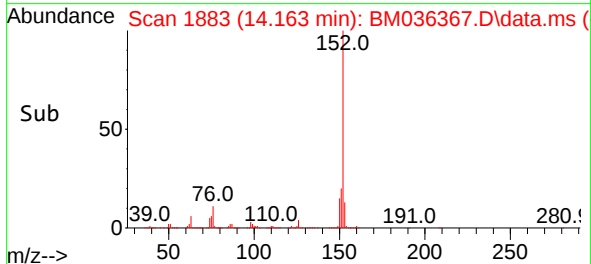
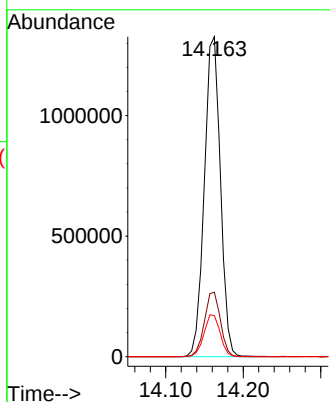
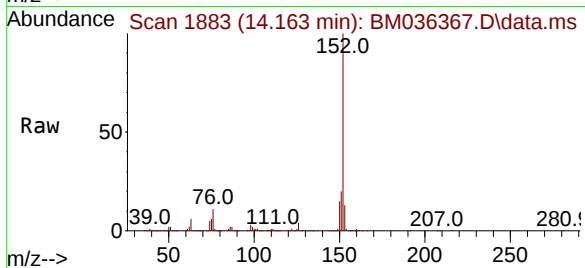
Tgt Ion:152 Resp: 1910293

Ion Ratio Lower Upper

152 100

151 20.1 16.1 24.1

153 12.8 10.6 15.8



#51

3-Nitroaniline

Concen: 38.736 ng/ul

RT: 14.363 min Scan# 1917

Delta R.T. 0.000 min

Lab File: BM036367.D

Acq: 22 Aug 2022 15:39

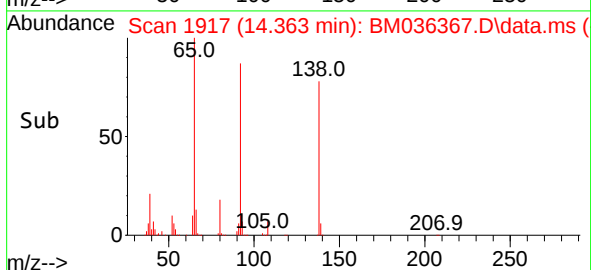
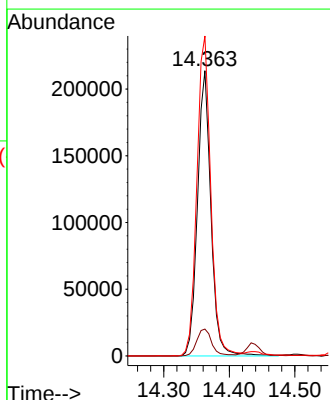
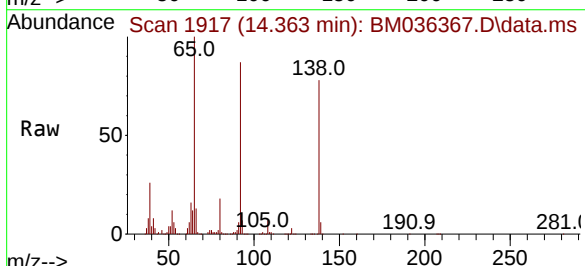
Tgt Ion:138 Resp: 305632

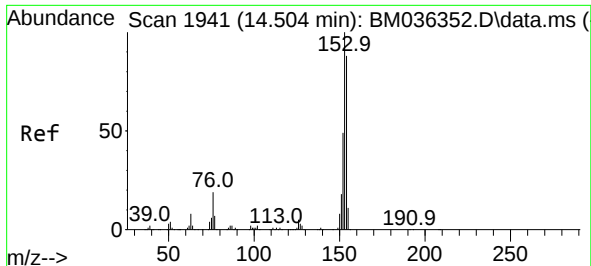
Ion Ratio Lower Upper

138 100

108 9.4 8.1 12.1

92 112.2 90.4 135.6

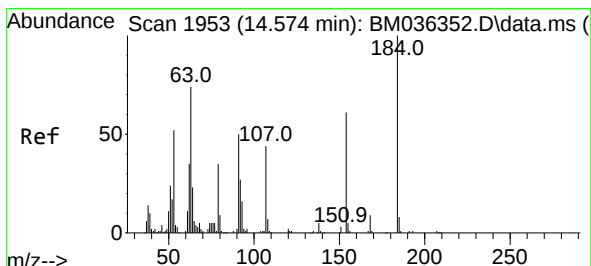
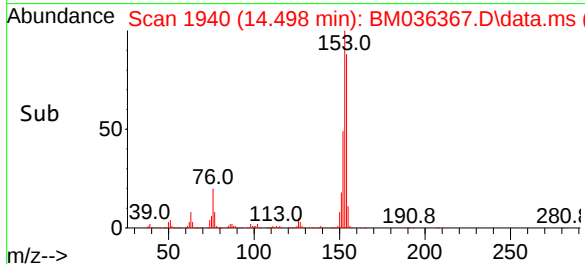
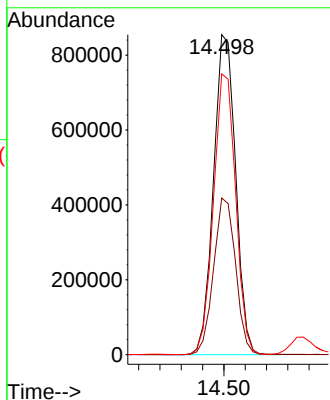
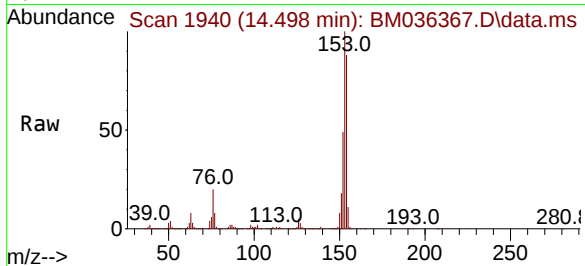




#52
Acenaphthene
Concen: 34.551 ng/ul
RT: 14.498 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BM036367.D
Acq: 22 Aug 2022 15:39

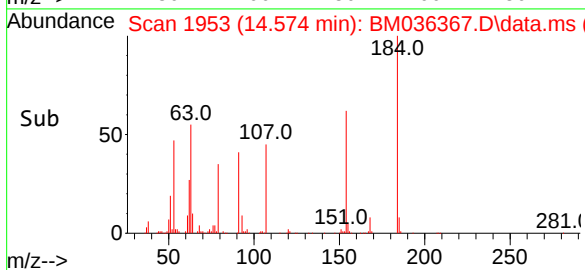
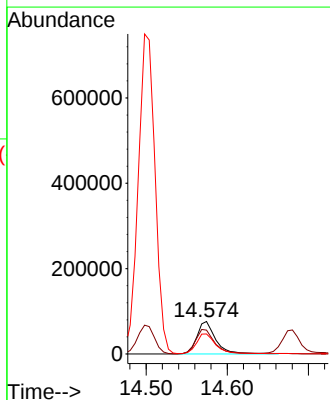
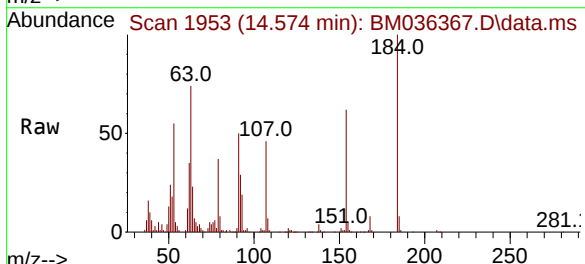
Instrument :
BNA_M
ClientSampleId :

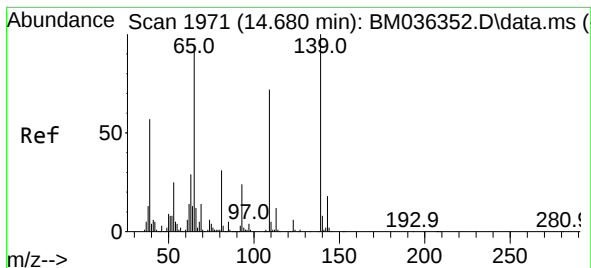
Tgt Ion:153 Resp: 1230436
Ion Ratio Lower Upper
153 100
152 48.9 37.1 55.7
154 87.7 71.3 106.9



#53
2,4-Dinitrophenol
Concen: 31.233 ng/ul
RT: 14.574 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BM036367.D
Acq: 22 Aug 2022 15:39

Tgt Ion:184 Resp: 122806
Ion Ratio Lower Upper
184 100
63 73.5 54.2 81.4
154 62.0 49.3 73.9

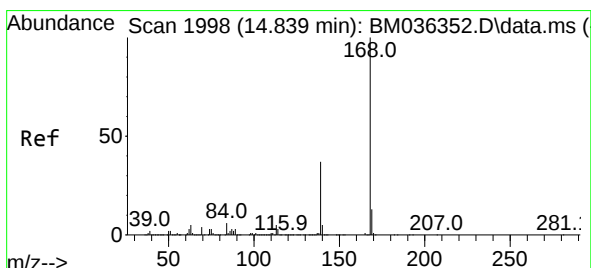
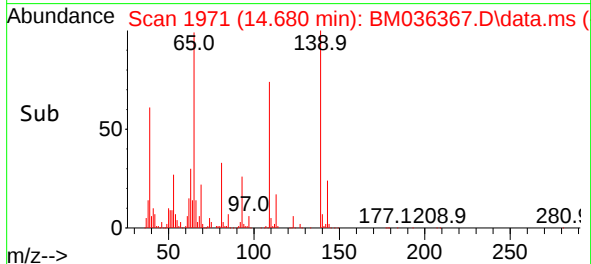
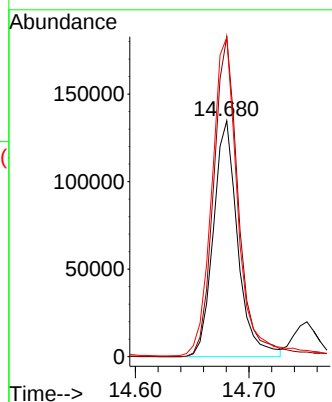
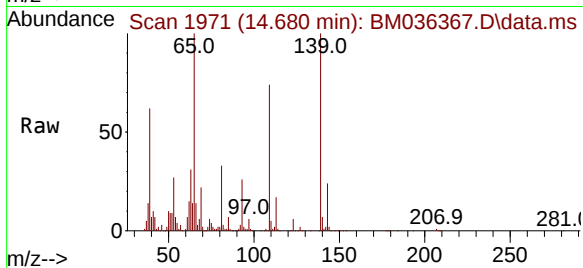




#55
4-Nitrophenol
Concen: 36.082 ng/ul
RT: 14.680 min Scan# 1971
Delta R.T. 0.006 min
Lab File: BM036367.D
Acq: 22 Aug 2022 15:39

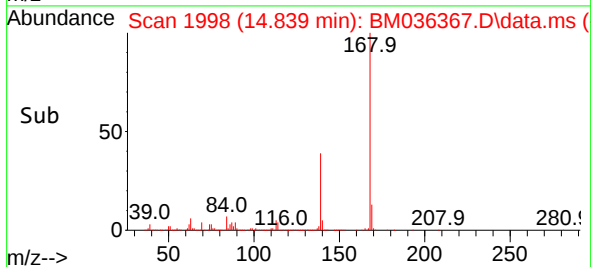
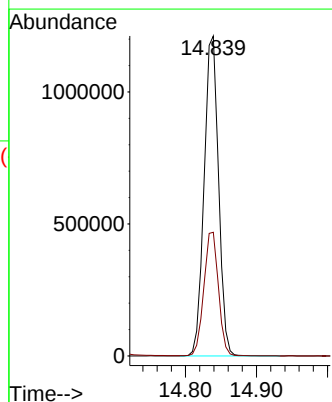
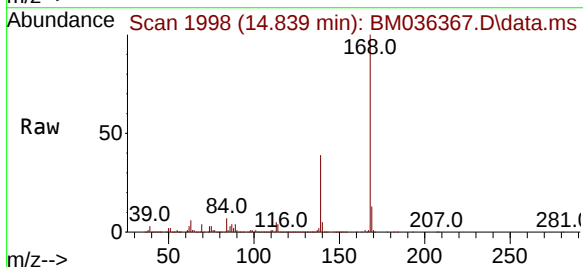
Instrument :
BNA_M
ClientSampleId :

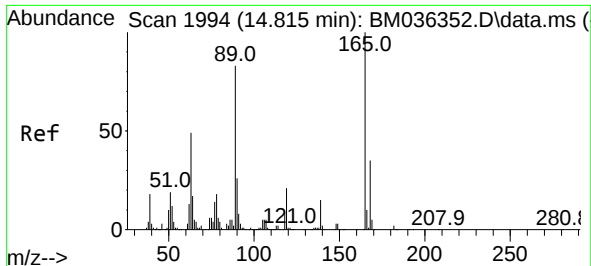
Tgt Ion:109 Resp: 200669
Ion Ratio Lower Upper
109 100
139 135.7 124.9 187.3
65 135.4 122.2 183.4



#56
Dibenzofuran
Concen: 34.749 ng/ul
RT: 14.839 min Scan# 1998
Delta R.T. 0.006 min
Lab File: BM036367.D
Acq: 22 Aug 2022 15:39

Tgt Ion:168 Resp: 1717103
Ion Ratio Lower Upper
168 100
139 38.7 30.1 45.1

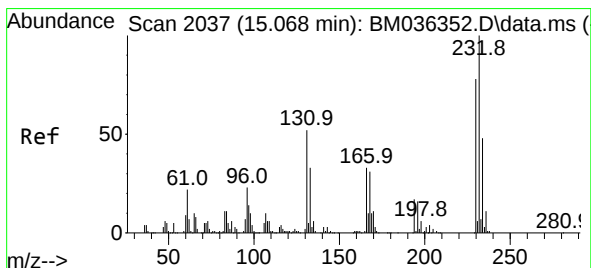
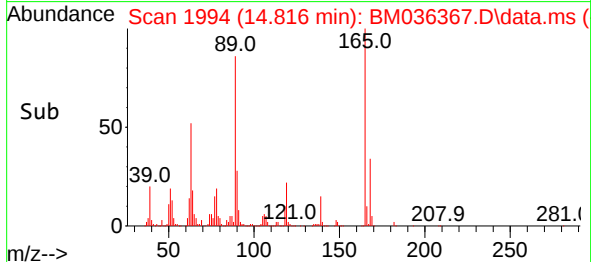
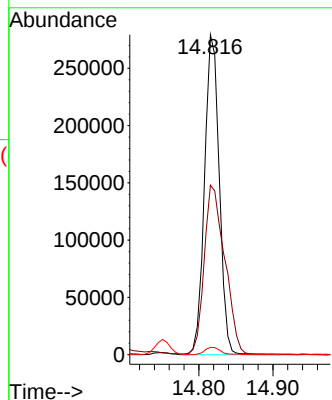
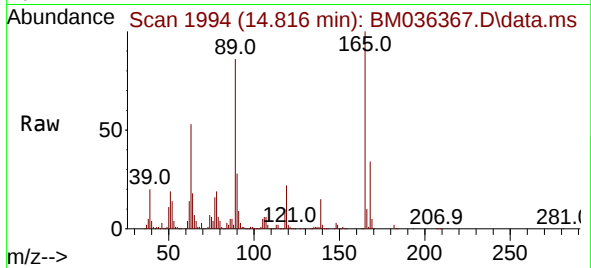




#57
2,4-Dinitrotoluene
Concen: 37.864 ng/ul
RT: 14.816 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BM036367.D
Acq: 22 Aug 2022 15:39

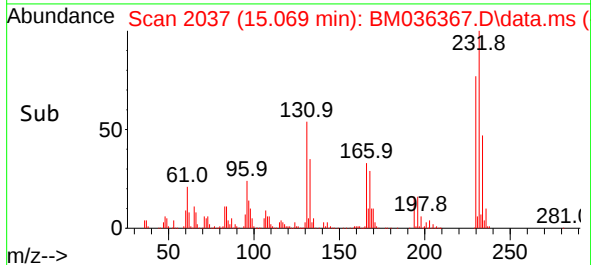
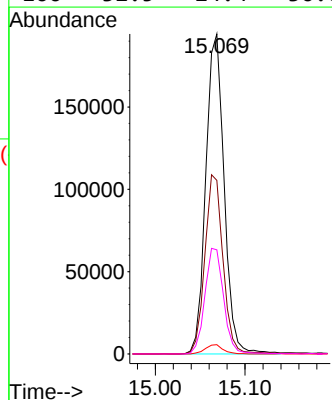
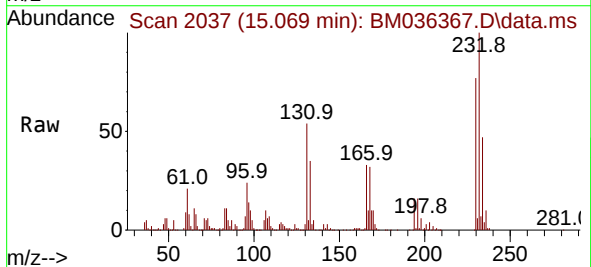
Instrument :
BNA_M
ClientSampleId :

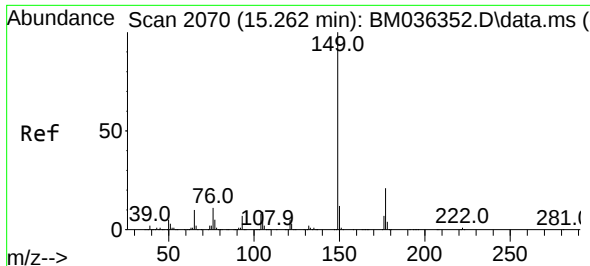
Tgt Ion:165 Resp: 387420
Ion Ratio Lower Upper
165 100
63 53.0 35.9 53.9
182 2.3 2.5 3.7#



#58
2,3,4,6-Tetrachlorophenol
Concen: 33.562 ng/ul
RT: 15.069 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BM036367.D
Acq: 22 Aug 2022 15:39

Tgt Ion:232 Resp: 276044
Ion Ratio Lower Upper
232 100
131 54.2 36.7 55.1
130 2.9 1.7 2.5#
166 32.5 24.4 36.6

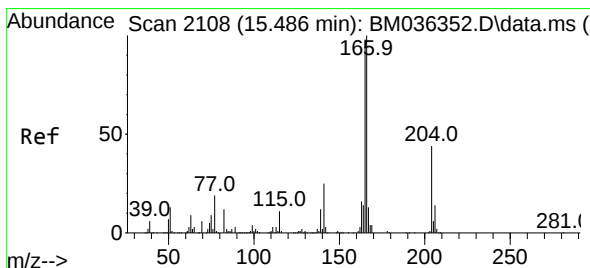
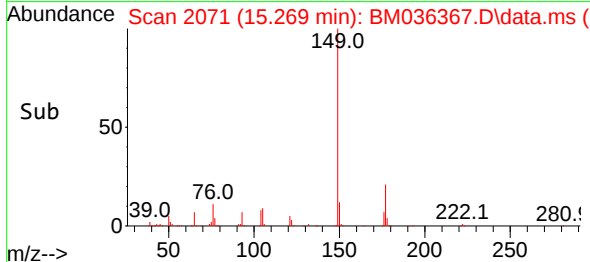
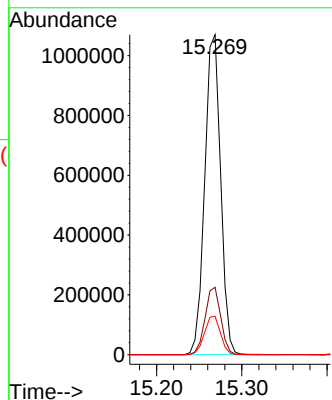
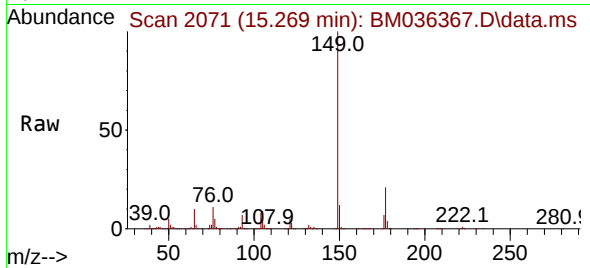




#59
Diethylphthalate
Concen: 36.802 ng/ul
RT: 15.269 min Scan# 2070
Delta R.T. 0.006 min
Lab File: BM036367.D
Acq: 22 Aug 2022 15:39

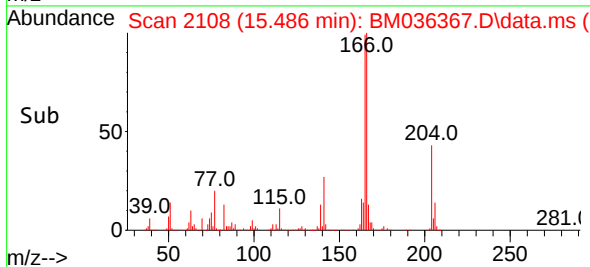
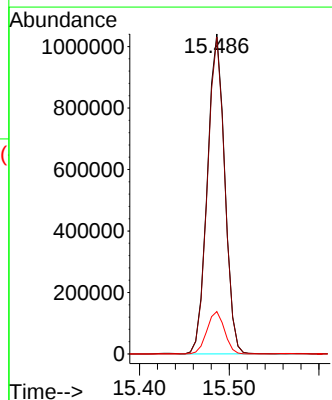
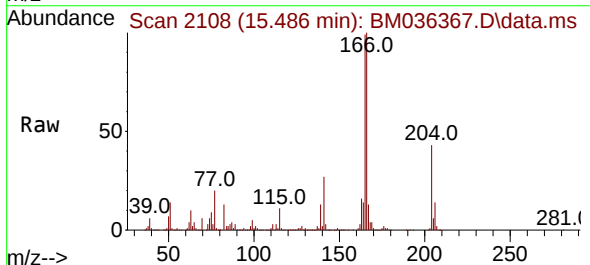
Instrument :
BNA_M
ClientSampleId :

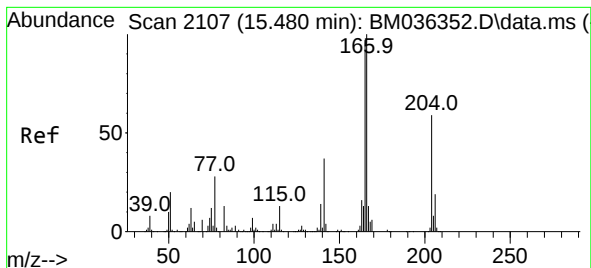
Tgt Ion:149 Resp: 1387179
Ion Ratio Lower Upper
149 100
177 21.0 16.8 25.2
150 12.0 10.2 15.4



#61
Fluorene
Concen: 35.689 ng/ul
RT: 15.486 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BM036367.D
Acq: 22 Aug 2022 15:39

Tgt Ion:166 Resp: 1398785
Ion Ratio Lower Upper
166 100
165 99.0 77.2 115.8
167 13.3 11.0 16.4

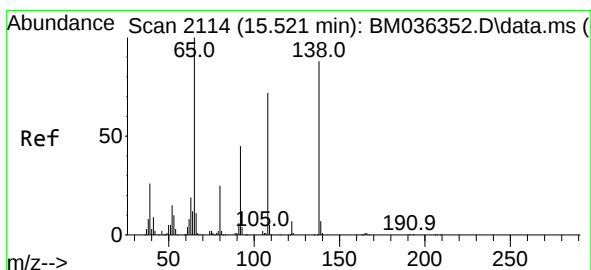
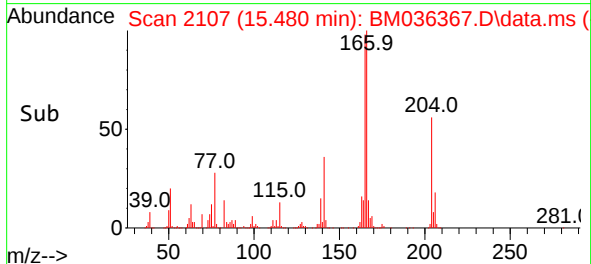
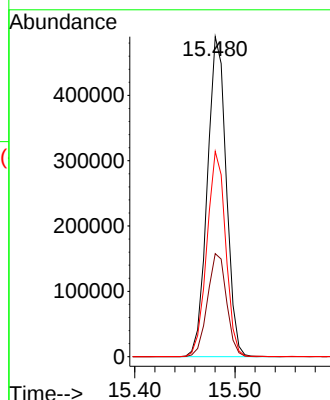
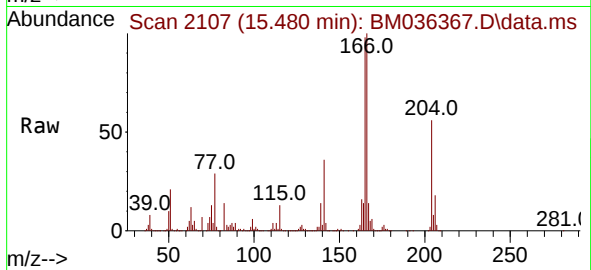




#62
4-Chlorophenyl-phenylether
Concen: 34.980 ng/ul
RT: 15.480 min Scan# 2107
Delta R.T. 0.000 min
Lab File: BM036367.D
Acq: 22 Aug 2022 15:39

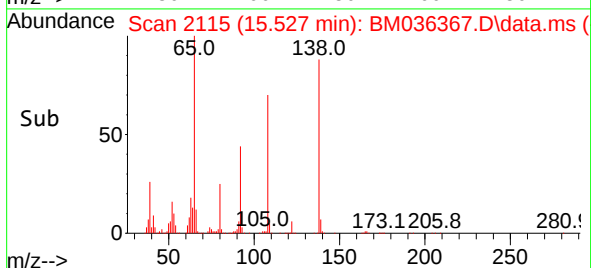
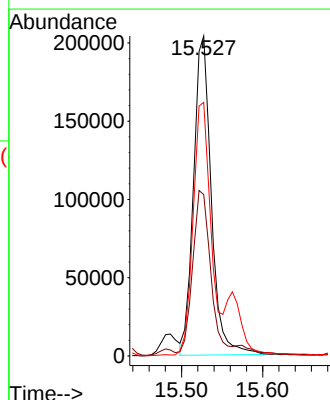
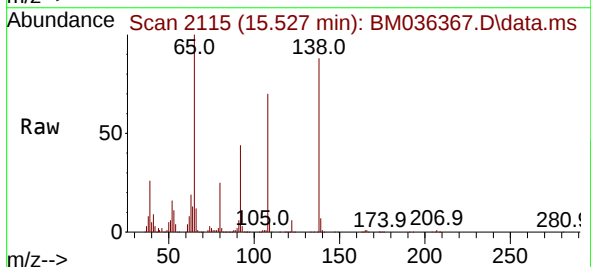
Instrument :
BNA_M
ClientSampleId :

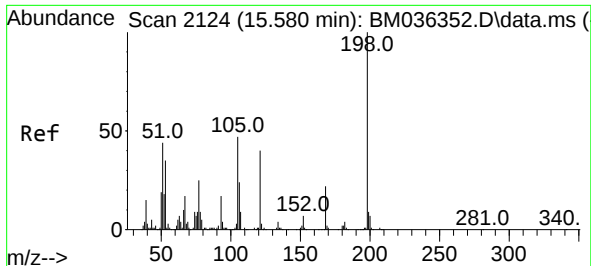
Tgt Ion:204 Resp: 640431
Ion Ratio Lower Upper
204 100
206 32.2 25.9 38.9
141 64.1 50.6 75.8



#63
4-Nitroaniline
Concen: 42.300 ng/ul
RT: 15.527 min Scan# 2115
Delta R.T. 0.006 min
Lab File: BM036367.D
Acq: 22 Aug 2022 15:39

Tgt Ion:138 Resp: 311332
Ion Ratio Lower Upper
138 100
92 50.5 39.2 58.8
108 79.2 51.6 77.4#

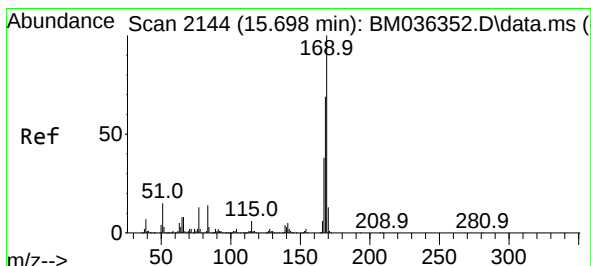
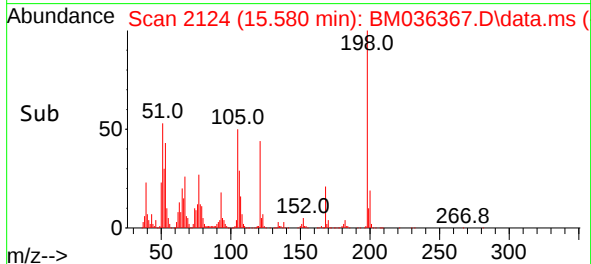
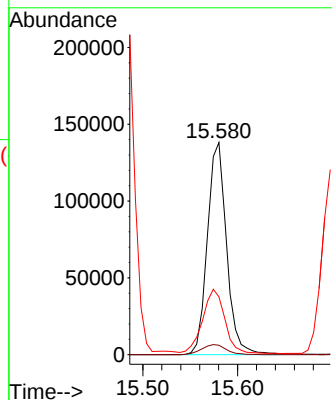
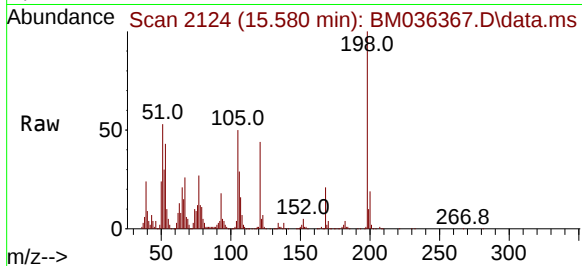




#66
 4,6-Dinitro-2-methylphenol
 Concen: 32.616 ng/ul
 RT: 15.580 min Scan# 2124
 Delta R.T. 0.006 min
 Lab File: BM036367.D
 Acq: 22 Aug 2022 15:39

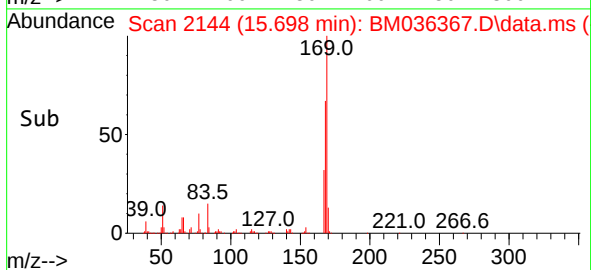
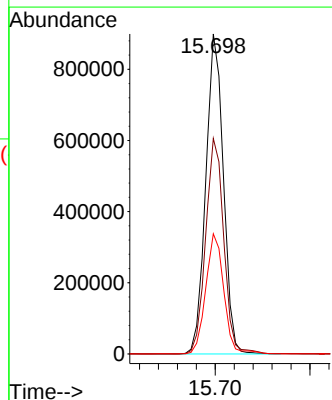
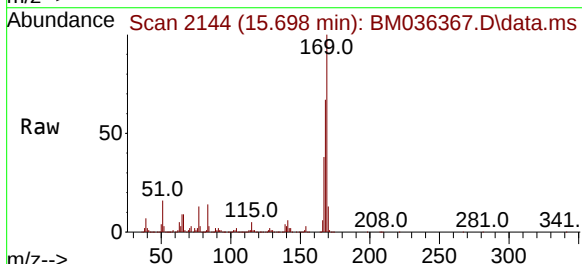
Instrument :
 BNA_M
 ClientSampleId :

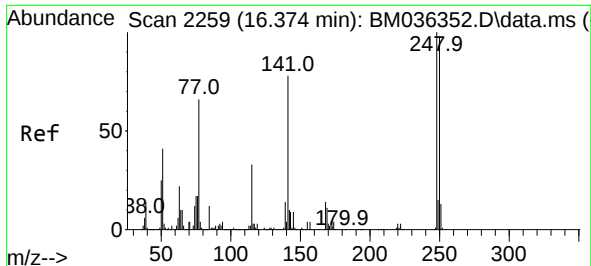
Tgt Ion:198 Resp: 194760
 Ion Ratio Lower Upper
 198 100
 182 4.5 4.2 6.4
 77 27.3 19.9 29.9



#67
 N-Nitrosodiphenylamine
 Concen: 35.207 ng/ul
 RT: 15.698 min Scan# 2144
 Delta R.T. 0.000 min
 Lab File: BM036367.D
 Acq: 22 Aug 2022 15:39

Tgt Ion:169 Resp: 1156311
 Ion Ratio Lower Upper
 169 100
 168 67.4 53.8 80.6
 167 37.5 28.7 43.1

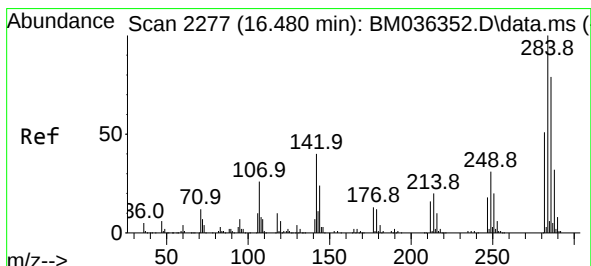
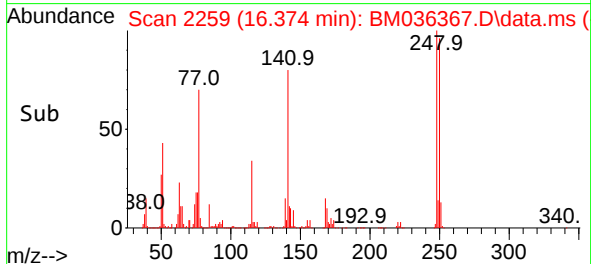
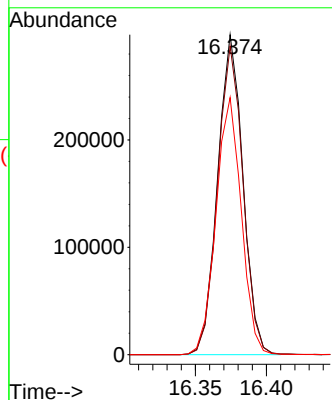
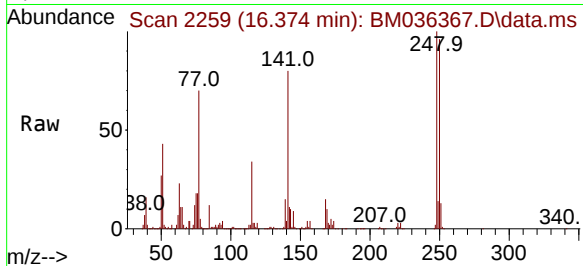




#68
4-Bromophenyl-phenylether
Concen: 34.706 ng/ul
RT: 16.374 min Scan# 2259
Delta R.T. 0.000 min
Lab File: BM036367.D
Acq: 22 Aug 2022 15:39

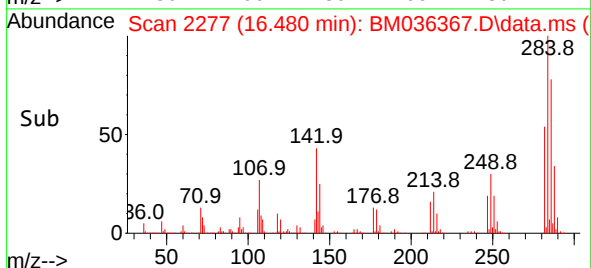
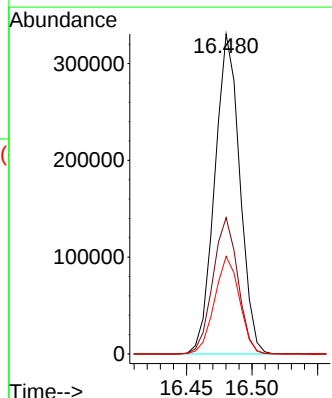
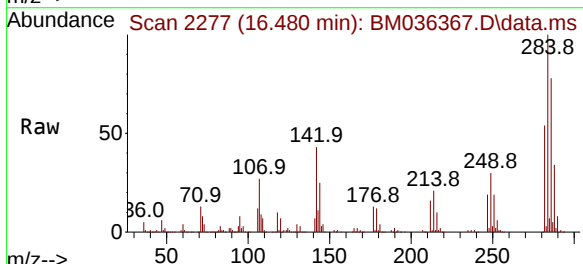
Instrument :
BNA_M
ClientSampleId :

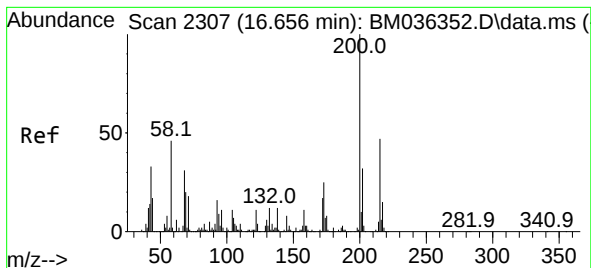
Tgt Ion:248 Resp: 369178
Ion Ratio Lower Upper
248 100
250 96.4 77.3 115.9
141 80.4 59.8 89.8



#69
Hexachlorobenzene
Concen: 34.046 ng/ul
RT: 16.480 min Scan# 2277
Delta R.T. 0.000 min
Lab File: BM036367.D
Acq: 22 Aug 2022 15:39

Tgt Ion:284 Resp: 438878
Ion Ratio Lower Upper
284 100
142 42.6 28.6 42.8
249 30.5 24.6 37.0





#70

Atrazine

Concen: 10.915 ng/ul

RT: 16.657 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM036367.D

Acq: 22 Aug 2022 15:39

Instrument :

BNA_M

ClientSampleId :

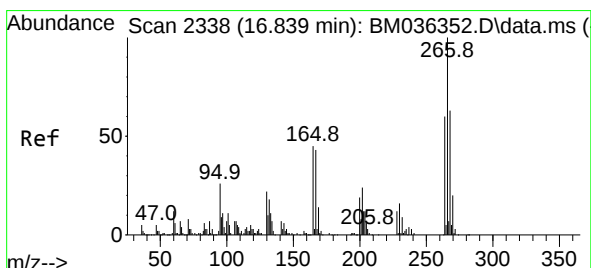
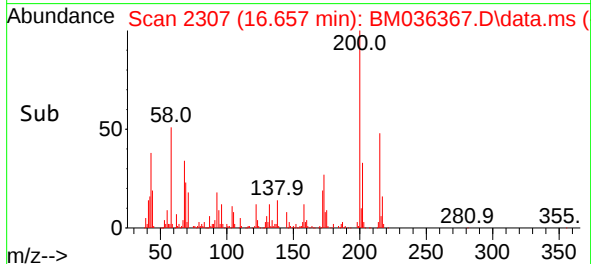
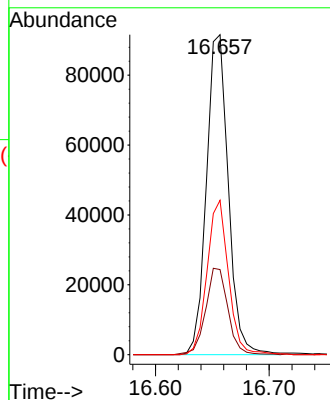
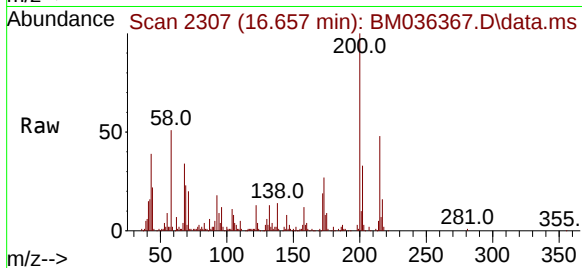
Tgt Ion:200 Resp: 122483

Ion Ratio Lower Upper

200 100

173 26.6 21.3 31.9

215 48.2 39.0 58.6



#71

Pentachlorophenol

Concen: 31.830 ng/ul

RT: 16.833 min Scan# 2337

Delta R.T. 0.000 min

Lab File: BM036367.D

Acq: 22 Aug 2022 15:39

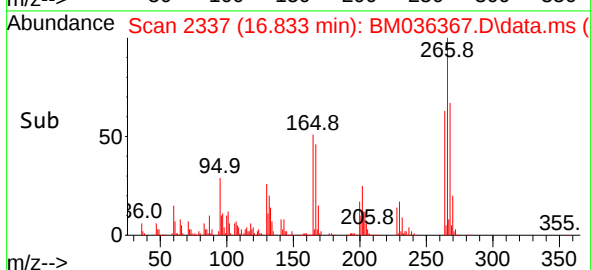
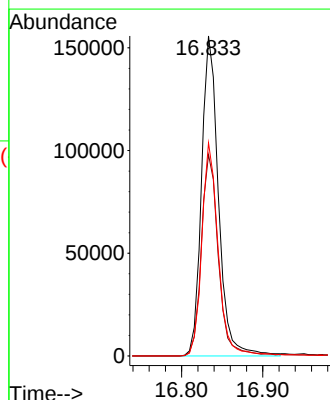
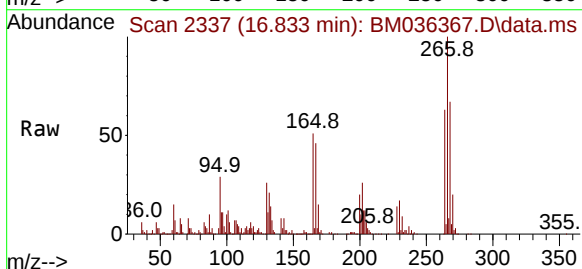
Tgt Ion:266 Resp: 226207

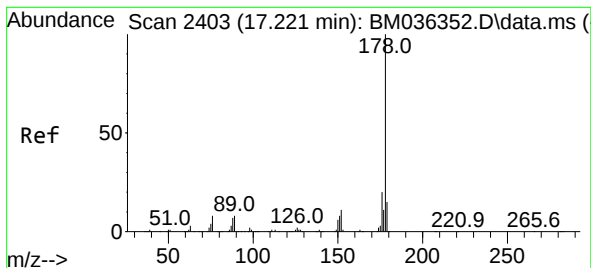
Ion Ratio Lower Upper

266 100

264 62.9 49.5 74.3

268 66.6 51.0 76.4





#72

Phenanthrene

Concen: 35.802 ng/u1

RT: 17.221 min Scan# 2403

Delta R.T. 0.000 min

Lab File: BM036367.D

Acq: 22 Aug 2022 15:39

Instrument :

BNA_M

ClientSampleId :

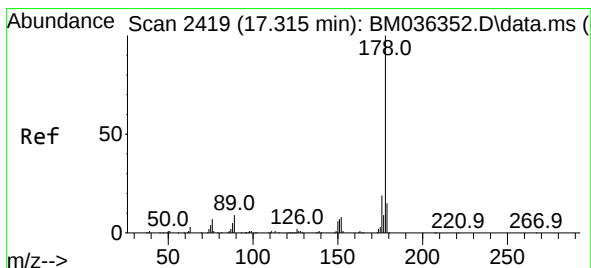
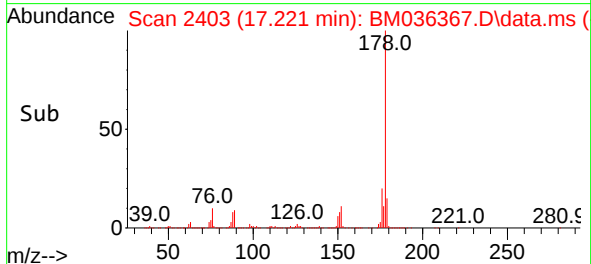
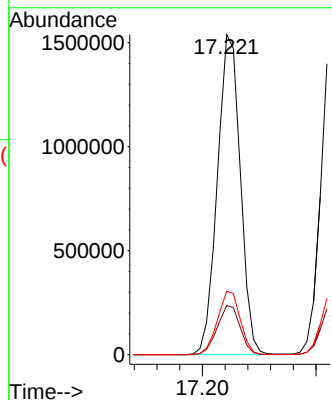
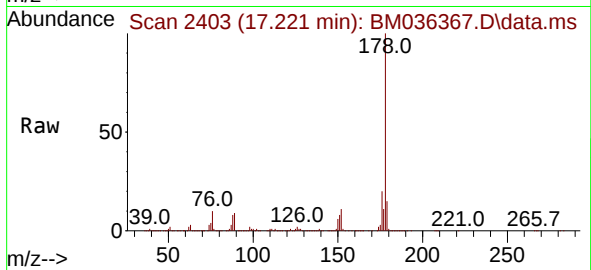
Tgt Ion:178 Resp: 2162204

Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.2

176 19.8 14.9 22.3



#74

Anthracene

Concen: 36.342 ng/u1

RT: 17.315 min Scan# 2419

Delta R.T. 0.000 min

Lab File: BM036367.D

Acq: 22 Aug 2022 15:39

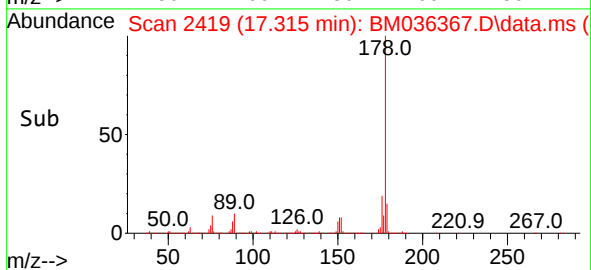
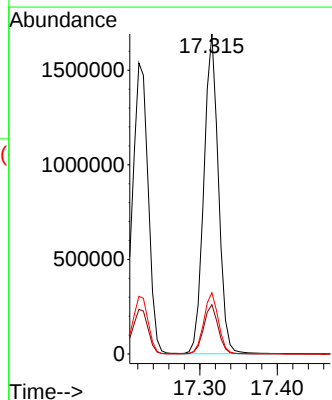
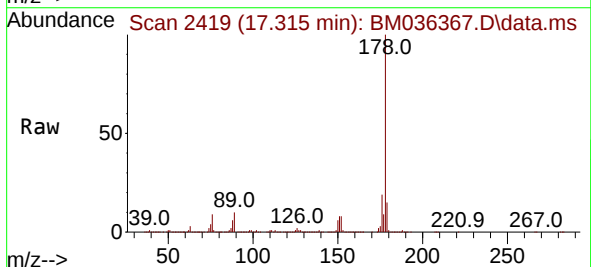
Tgt Ion:178 Resp: 2200349

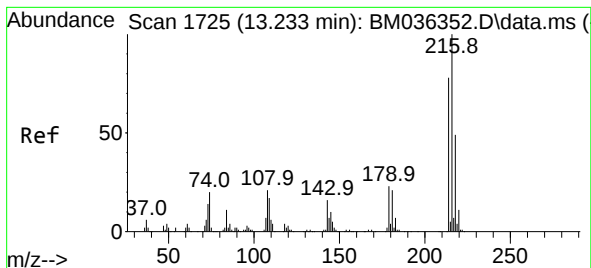
Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.2

176 19.1 14.4 21.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 30.729 ng/uL

RT: 13.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM036367.D

Acq: 22 Aug 2022 15:39

Instrument :

BNA_M

ClientSampleId :

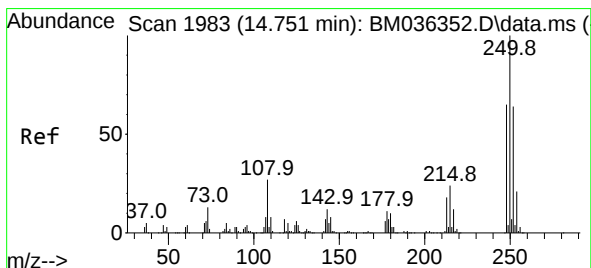
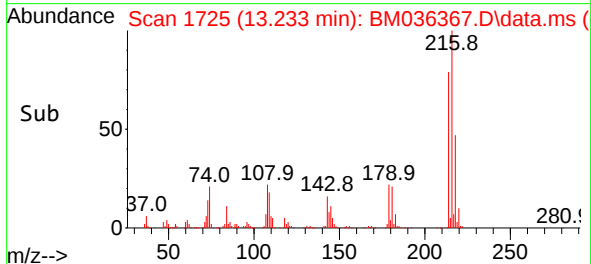
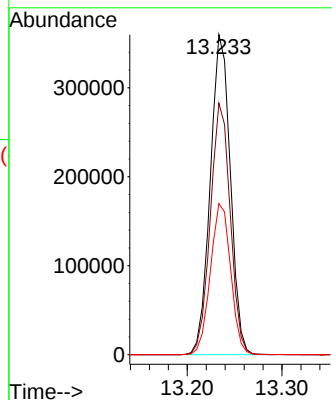
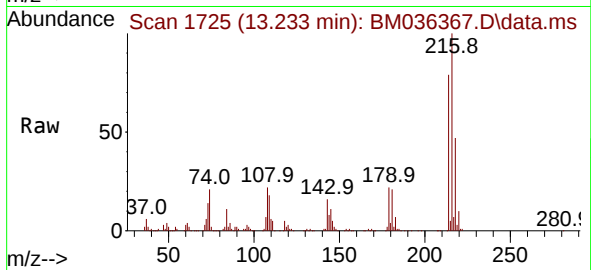
Tgt Ion:216 Resp: 529671

Ion Ratio Lower Upper

216 100

214 78.6 60.9 91.3

218 47.2 37.5 56.3



#76

Pentachlorobenzene

Concen: 31.743 ng/uL

RT: 14.751 min Scan# 1983

Delta R.T. 0.000 min

Lab File: BM036367.D

Acq: 22 Aug 2022 15:39

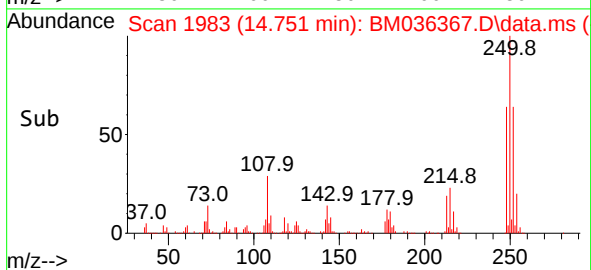
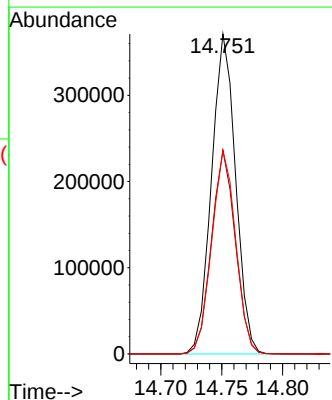
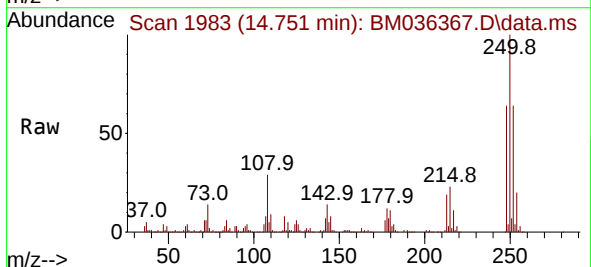
Tgt Ion:250 Resp: 510892

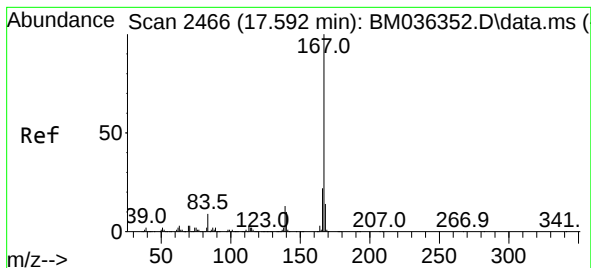
Ion Ratio Lower Upper

250 100

248 63.6 50.4 75.6

252 63.6 51.1 76.7





#77

Carbazole

Concen: 36.400 ng/ul

RT: 17.592 min Scan# 2466

Delta R.T. 0.000 min

Lab File: BM036367.D

Acq: 22 Aug 2022 15:39

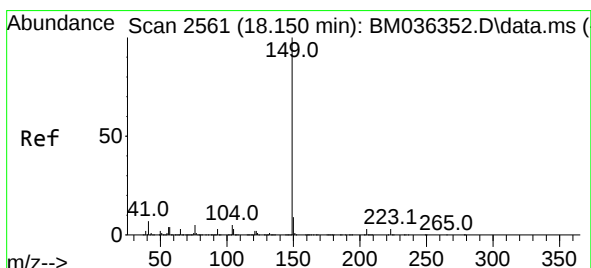
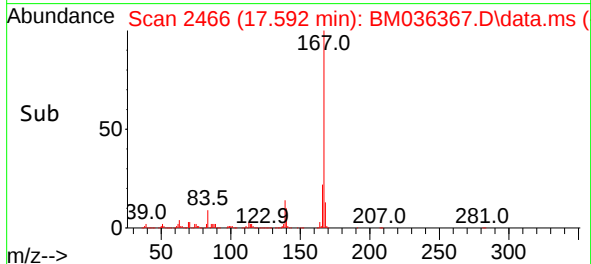
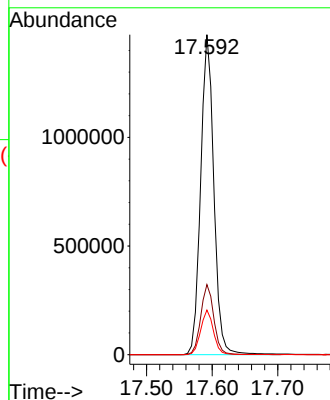
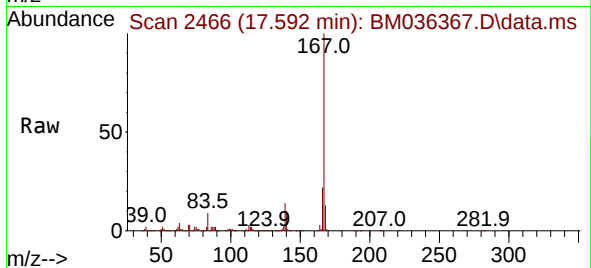
Instrument :

BNA_M

ClientSampleId :

Tgt Ion:167 Resp: 2063483

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.4	26.0
139	13.9	10.1	15.1



#78

Di-n-butylphthalate

Concen: 38.380 ng/ul

RT: 18.151 min Scan# 2561

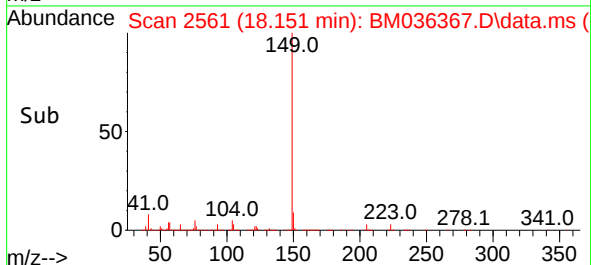
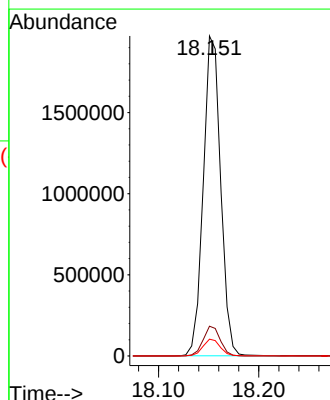
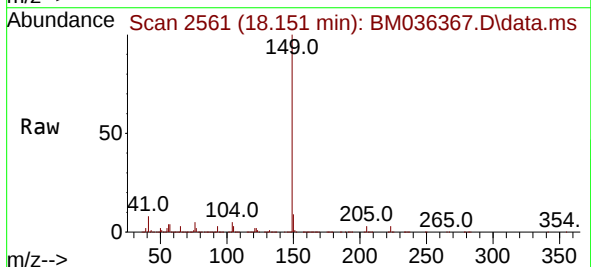
Delta R.T. 0.000 min

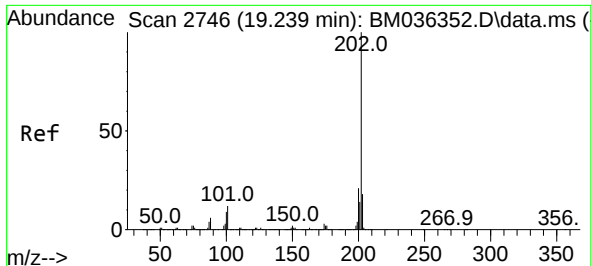
Lab File: BM036367.D

Acq: 22 Aug 2022 15:39

Tgt Ion:149 Resp: 2379719

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	5.3	3.7	5.5

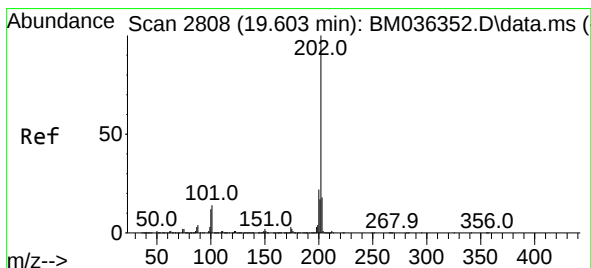
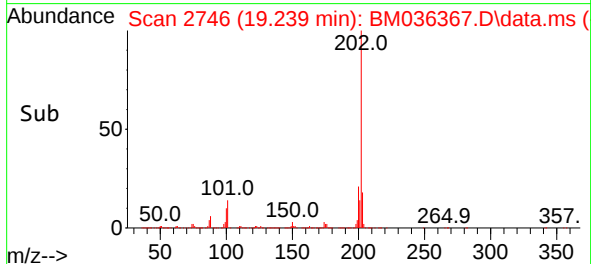
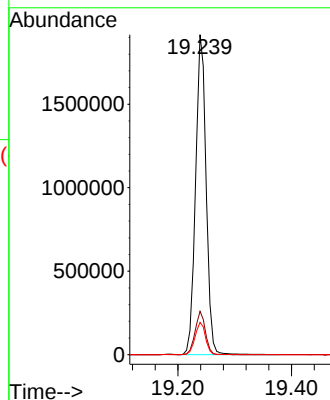
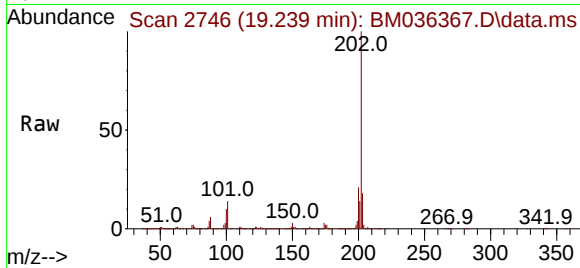




#80
Fluoranthene
Concen: 34.934 ng/ul
RT: 19.239 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM036367.D
Acq: 22 Aug 2022 15:39

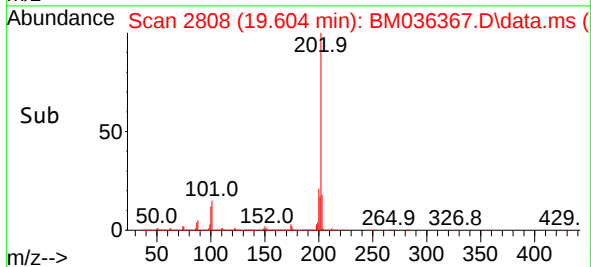
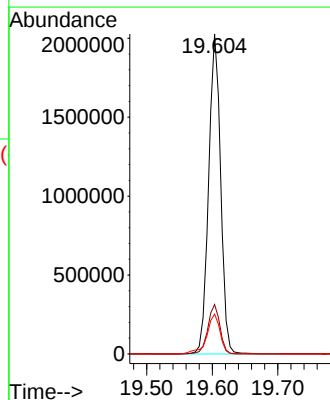
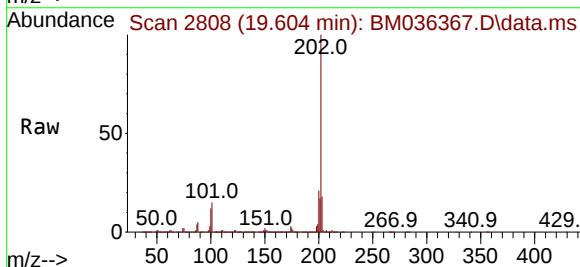
Instrument :
BNA_M
ClientSampleId :

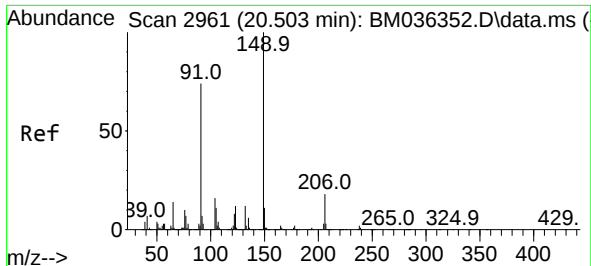
Tgt Ion:202 Resp: 2476960
Ion Ratio Lower Upper
202 100
101 13.5 10.1 15.1
100 10.1 7.8 11.6



#82
Pyrene
Concen: 34.859 ng/ul
RT: 19.604 min Scan# 2808
Delta R.T. 0.000 min
Lab File: BM036367.D
Acq: 22 Aug 2022 15:39

Tgt Ion:202 Resp: 2579250
Ion Ratio Lower Upper
202 100
101 15.4 11.9 17.9
100 12.5 10.2 15.4

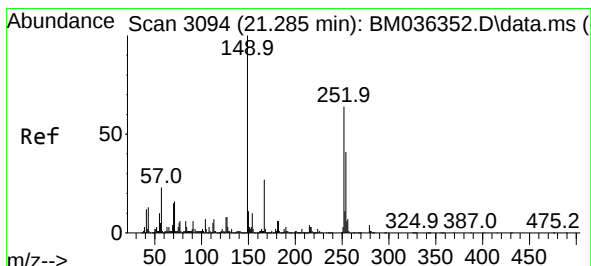
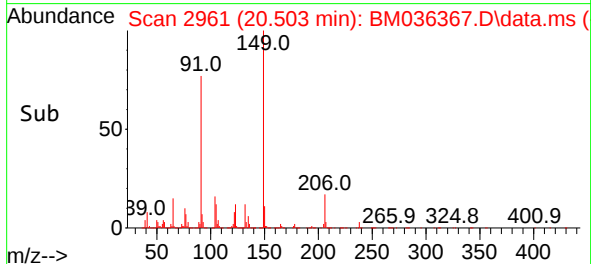
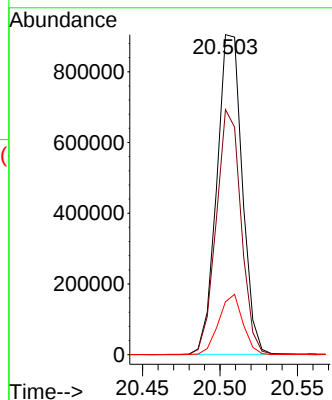
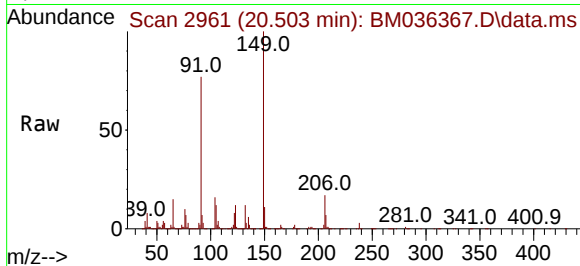




#83
 Butylbenzylphthalate
 Concen: 37.374 ng/ul
 RT: 20.503 min Scan# 2961
 Delta R.T. 0.000 min
 Lab File: BM036367.D
 Acq: 22 Aug 2022 15:39

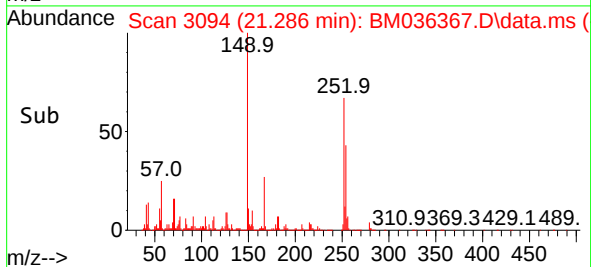
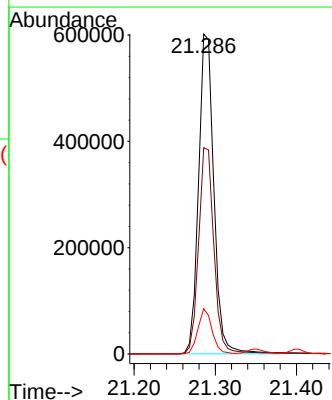
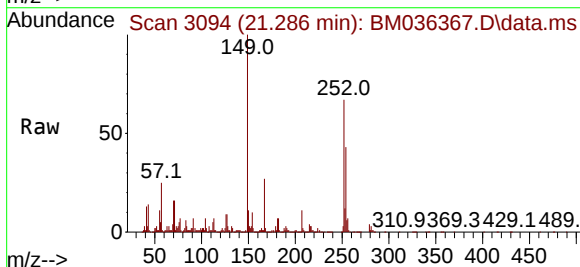
Instrument :
 BNA_M
 ClientSampleId :

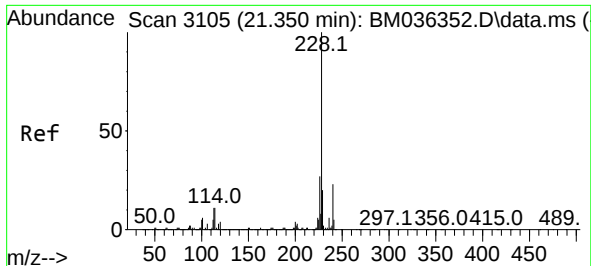
Tgt Ion:149 Resp: 1034558
 Ion Ratio Lower Upper
 149 100
 91 76.6 53.2 79.8
 206 16.6 16.0 24.0



#84
 3,3'-Dichlorobenzidine
 Concen: 33.919 ng/ul
 RT: 21.286 min Scan# 3094
 Delta R.T. 0.000 min
 Lab File: BM036367.D
 Acq: 22 Aug 2022 15:39

Tgt Ion:252 Resp: 789960
 Ion Ratio Lower Upper
 252 100
 254 64.5 52.4 78.6
 126 14.2 10.8 16.2

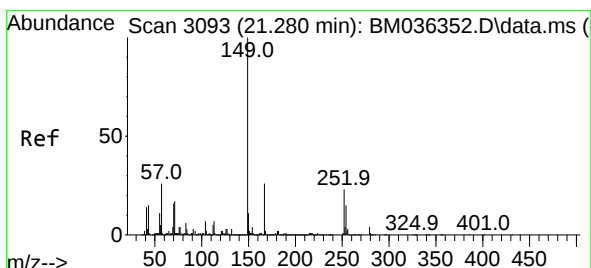
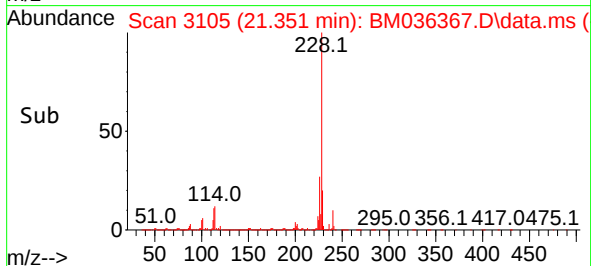
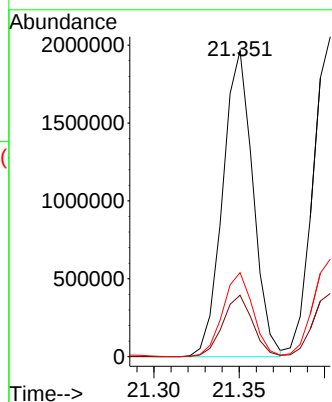
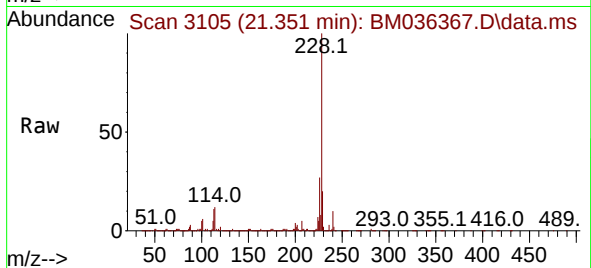




#85
Benzo(a)anthracene
Concen: 35.707 ng/ul
RT: 21.351 min Scan# 3105
Delta R.T. 0.000 min
Lab File: BM036367.D
Acq: 22 Aug 2022 15:39

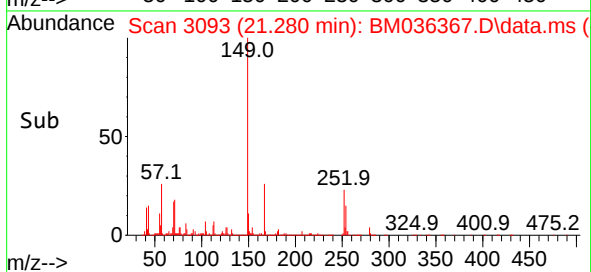
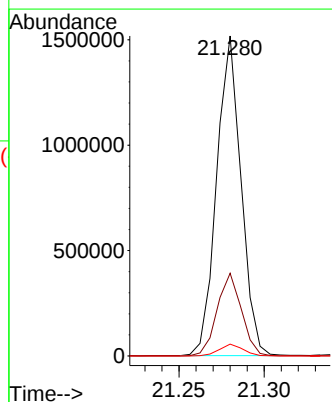
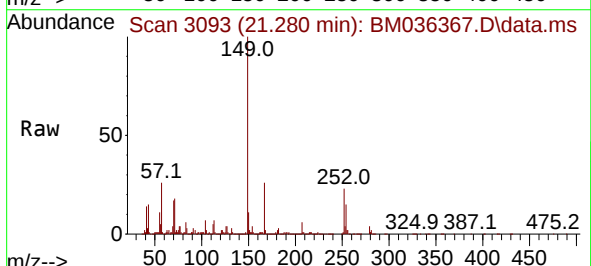
Instrument :
BNA_M
ClientSampleId :

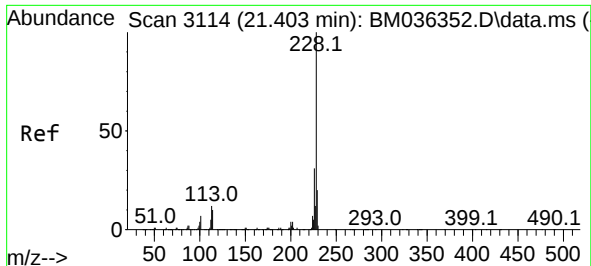
Tgt Ion:228 Resp: 2426819
Ion Ratio Lower Upper
228 100
229 20.1 15.6 23.4
226 27.5 21.7 32.5



#86
Bis(2-ethylhexyl)phthalate
Concen: 39.536 ng/ul
RT: 21.280 min Scan# 3093
Delta R.T. 0.000 min
Lab File: BM036367.D
Acq: 22 Aug 2022 15:39

Tgt Ion:149 Resp: 1511028
Ion Ratio Lower Upper
149 100
167 25.9 21.5 32.3
279 3.7 3.4 5.2

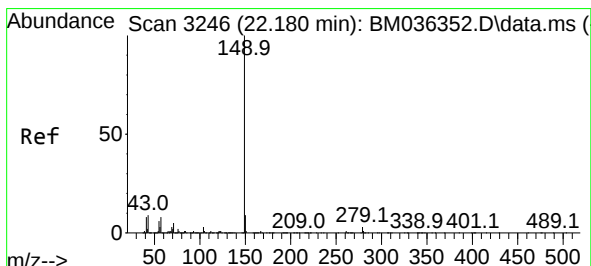
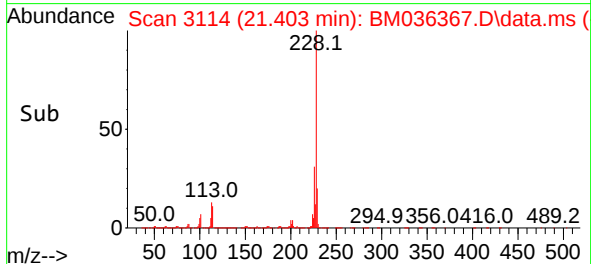
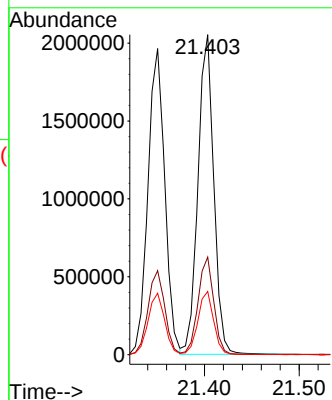
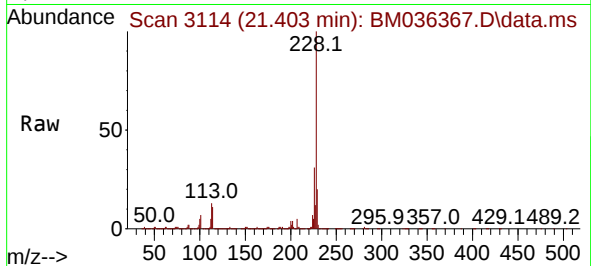




#87
Chrysene
Concen: 35.657 ng/ul
RT: 21.403 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BM036367.D
Acq: 22 Aug 2022 15:39

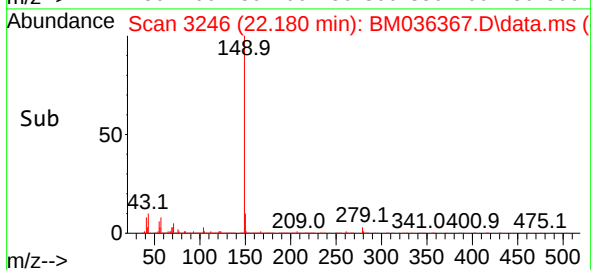
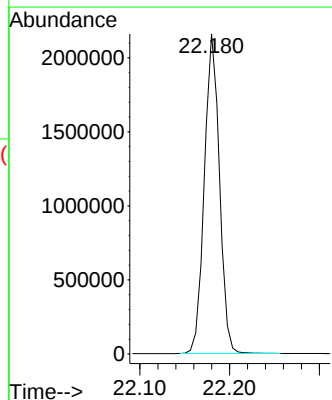
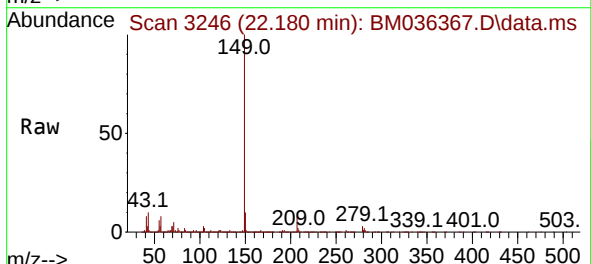
Instrument :
BNA_M
ClientSampleId :

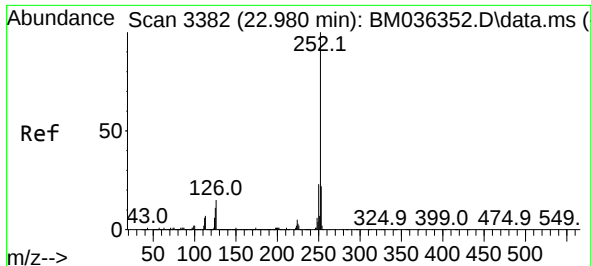
Tgt Ion:228 Resp: 2381275
Ion Ratio Lower Upper
228 100
226 30.5 23.7 35.5
229 19.7 15.5 23.3



#89
Di-n-octyl phthalate
Concen: 37.228 ng/ul
RT: 22.180 min Scan# 3246
Delta R.T. 0.000 min
Lab File: BM036367.D
Acq: 22 Aug 2022 15:39

Tgt Ion:149 Resp: 2519811

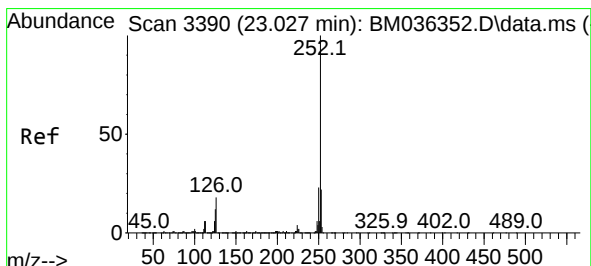
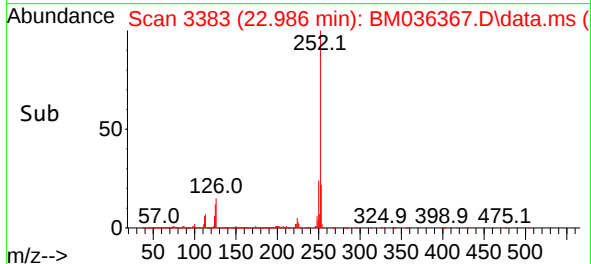
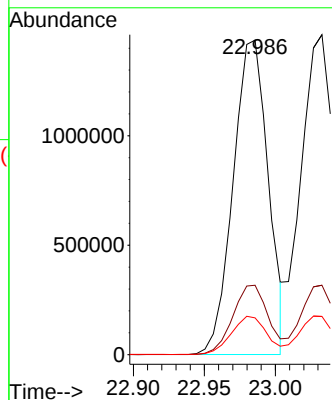
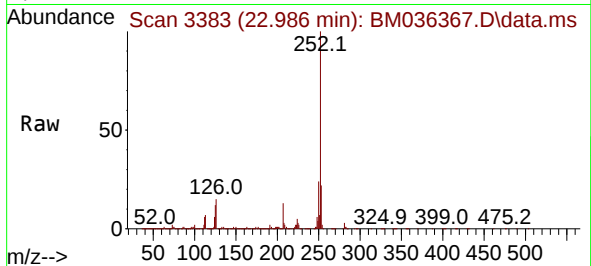




#90
Benzo(b)fluoranthene
Concen: 35.578 ng/ul
RT: 22.986 min Scan# 3382
Delta R.T. 0.006 min
Lab File: BM036367.D
Acq: 22 Aug 2022 15:39

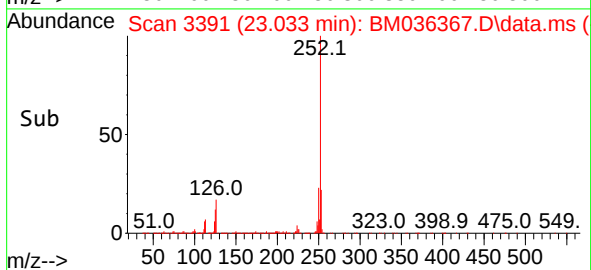
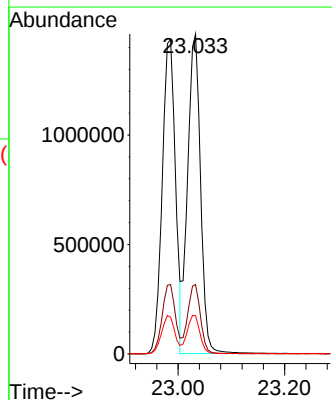
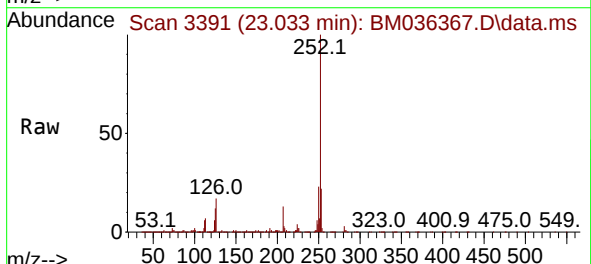
Instrument :
BNA_M
ClientSampleId :

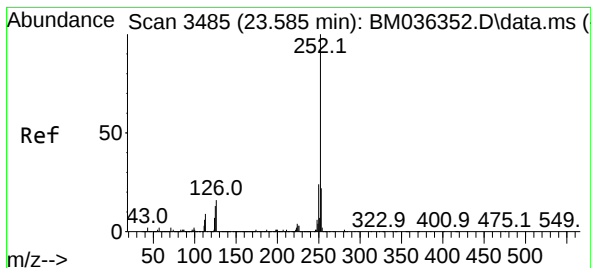
Tgt Ion:252 Resp: 2469846
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 11.7 10.7 16.1



#91
Benzo(k)fluoranthene
Concen: 37.280 ng/ul
RT: 23.033 min Scan# 3391
Delta R.T. 0.006 min
Lab File: BM036367.D
Acq: 22 Aug 2022 15:39

Tgt Ion:252 Resp: 2462187
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 12.0 10.6 15.8





#93

Benzo(a)pyrene

Concen: 36.457 ng/ul

RT: 23.592 min Scan# 3485

Delta R.T. 0.006 min

Lab File: BM036367.D

Acq: 22 Aug 2022 15:39

Instrument :

BNA_M

ClientSampleId :

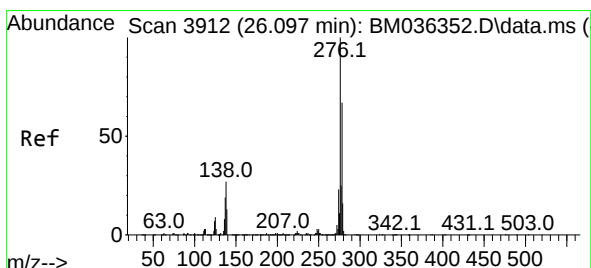
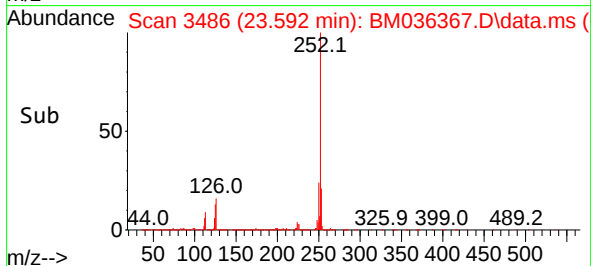
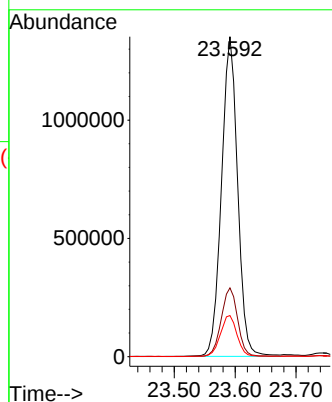
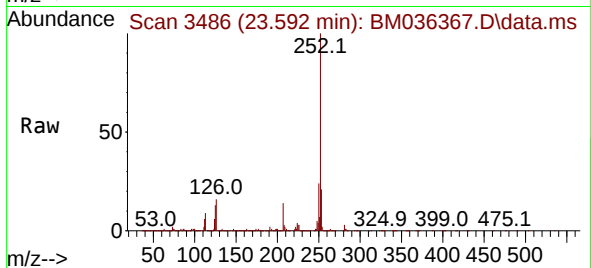
Tgt Ion:252 Resp: 2489766

Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

125 12.9 11.8 17.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 34.990 ng/ul

RT: 26.109 min Scan# 3914

Delta R.T. 0.006 min

Lab File: BM036367.D

Acq: 22 Aug 2022 15:39

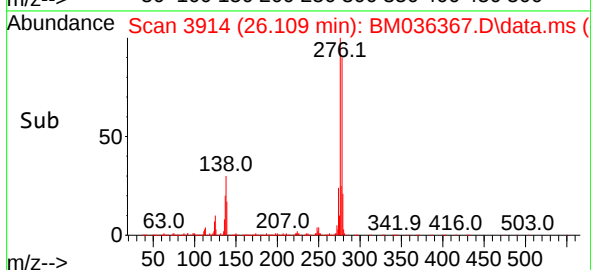
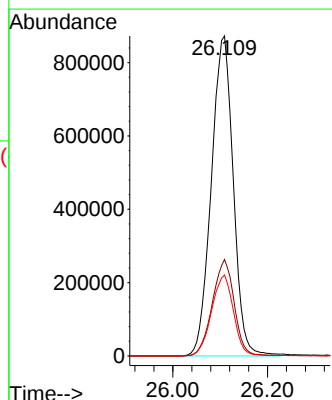
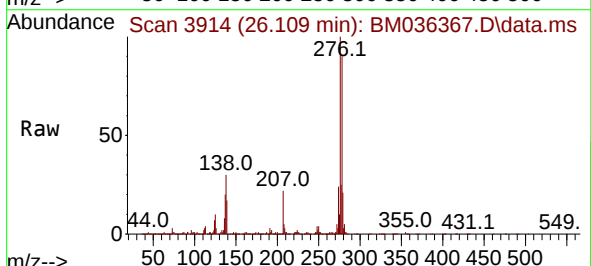
Tgt Ion:276 Resp: 2809527

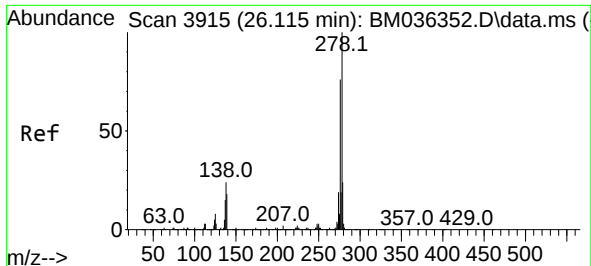
Ion Ratio Lower Upper

276 100

138 30.2 25.6 38.4

277 25.3 20.1 30.1

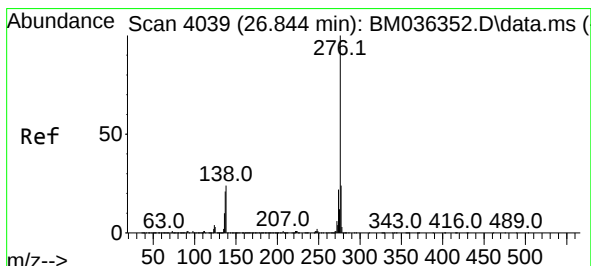
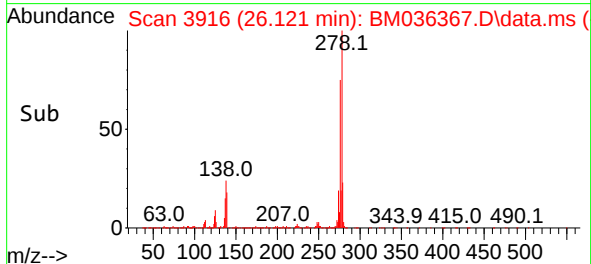
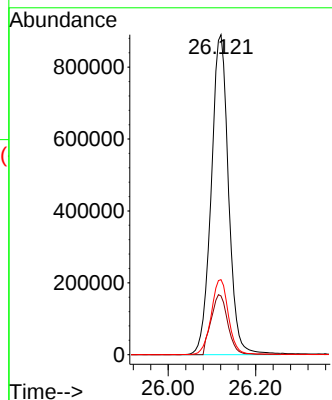
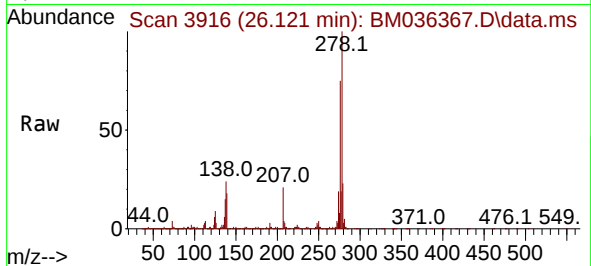




#95
 Dibenzo(a,h)anthracene
 Concen: 35.386 ng/ul
 RT: 26.121 min Scan# 3915
 Delta R.T. 0.006 min
 Lab File: BM036367.D
 Acq: 22 Aug 2022 15:39

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:278 Resp: 2447626
 Ion Ratio Lower Upper
 278 100
 139 18.3 16.2 24.2
 279 23.4 18.7 28.1



#96
 Benzo(g,h,i)perylene
 Concen: 34.912 ng/ul
 RT: 26.844 min Scan# 4039
 Delta R.T. 0.006 min
 Lab File: BM036367.D
 Acq: 22 Aug 2022 15:39

Tgt Ion:276 Resp: 2397252
 Ion Ratio Lower Upper
 276 100
 138 25.9 21.3 31.9
 277 23.5 18.6 28.0

