

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
 Data File : BM036632.D
 Acq On : 21 Sep 2022 19:24
 Operator : CG/JU
 Sample : PB147717BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 21 22:52:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 21 22:42:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	365455	20.000	ng/u1	0.00
20) Naphthalene-d8	10.834	136	1659595	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.651	164	1072780	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.386	188	2183465	20.000	ng/u1	0.00
79) Chrysene-d12	21.550	240	1885556	20.000	ng/u1	0.00
88) Perylene-d12	23.991	264	1544102	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	54704	5.611	ng/uL	0.00
4) Pyridine-d5	3.822	84	560215	19.704	ng/u1	0.00
7) Phenol-d5	7.181	99	1141418	34.950	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.351	67	662325	33.394	ng/u1	0.00
11) 2-Chlorophenol-d4	7.551	132	893713	38.010	ng/u1	0.00
15) 4-Methylphenol-d8	8.740	113	913516	37.856	ng/u1	0.01
21) Nitrobenzene-d5	9.192	128	453602	40.381	ng/u1	0.00
24) 2-Nitrophenol-d4	9.916	143	472342	46.945	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.457	165	887235	38.050	ng/u1	0.00
31) 4-Chloroaniline-d4	10.969	131	1063430	27.430	ng/u1	0.00
46) Dimethylphthalate-d6	14.063	166	2643654	36.538	ng/u1	0.00
49) Acenaphthylene-d8	14.345	160	3173418	36.976	ng/u1	0.00
54) 4-Nitrophenol-d4	14.839	143	533591	38.023	ng/u1	0.01
60) Fluorene-d10	15.639	176	2315096	35.705	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	389056	45.036	ng/u1	0.00
73) Anthracene-d10	17.486	188	3528865	35.347	ng/u1	0.00
81) Pyrene-d10	19.762	212	3901233	42.056	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.833	264	2836967	37.606	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.428	88	114864	10.938	ng/uL	96
5) Pyridine	3.840	79	783250	27.421	ng/u1	94
6) Benzaldehyde	7.157	77	709316	44.851	ng/u1	94
8) Phenol	7.210	94	1176911	33.577	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.446	93	897873	32.923	ng/u1	98
12) 2-Chlorophenol	7.587	128	900499	35.404	ng/u1	96
13) 2-Methylphenol	8.469	108	880150	34.162	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.557	45	1017700	31.485	ng/u1	98
16) Acetophenone	8.851	105	1421129	33.952	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.840	70	708888	35.099	ng/u1	94
18) 4-Methylphenol	8.798	108	979325	35.152	ng/u1	99
19) Hexachloroethane	9.110	117	353266	34.291	ng/u1	94
22) Nitrobenzene	9.234	77	1033020	34.637	ng/u1	95
23) Isophorone	9.769	82	2027399	33.340	ng/u1	98
25) 2-Nitrophenol	9.945	139	506638	40.768	ng/u1	98
26) 2,4-Dimethylphenol	10.004	107	1007912	32.883	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.245	93	1211911	33.436	ng/u1	99
29) 2,4-Dichlorophenol	10.481	162	874909	35.690	ng/u1	99
30) Naphthalene	10.886	128	2958251	32.721	ng/u1	100
32) 4-Chloroaniline	10.992	127	895253	22.367	ng/u1	99
33) Hexachlorobutadiene	11.175	225	493286	32.902	ng/u1	98
34) Caprolactam	11.786	113	194588	24.471	ng/u1	94
35) 4-Chloro-3-methylphenol	12.116	107	984627	36.387	ng/u1	98
36) 2-Methylnaphthalene	12.486	142	2028490	33.675	ng/u1	100

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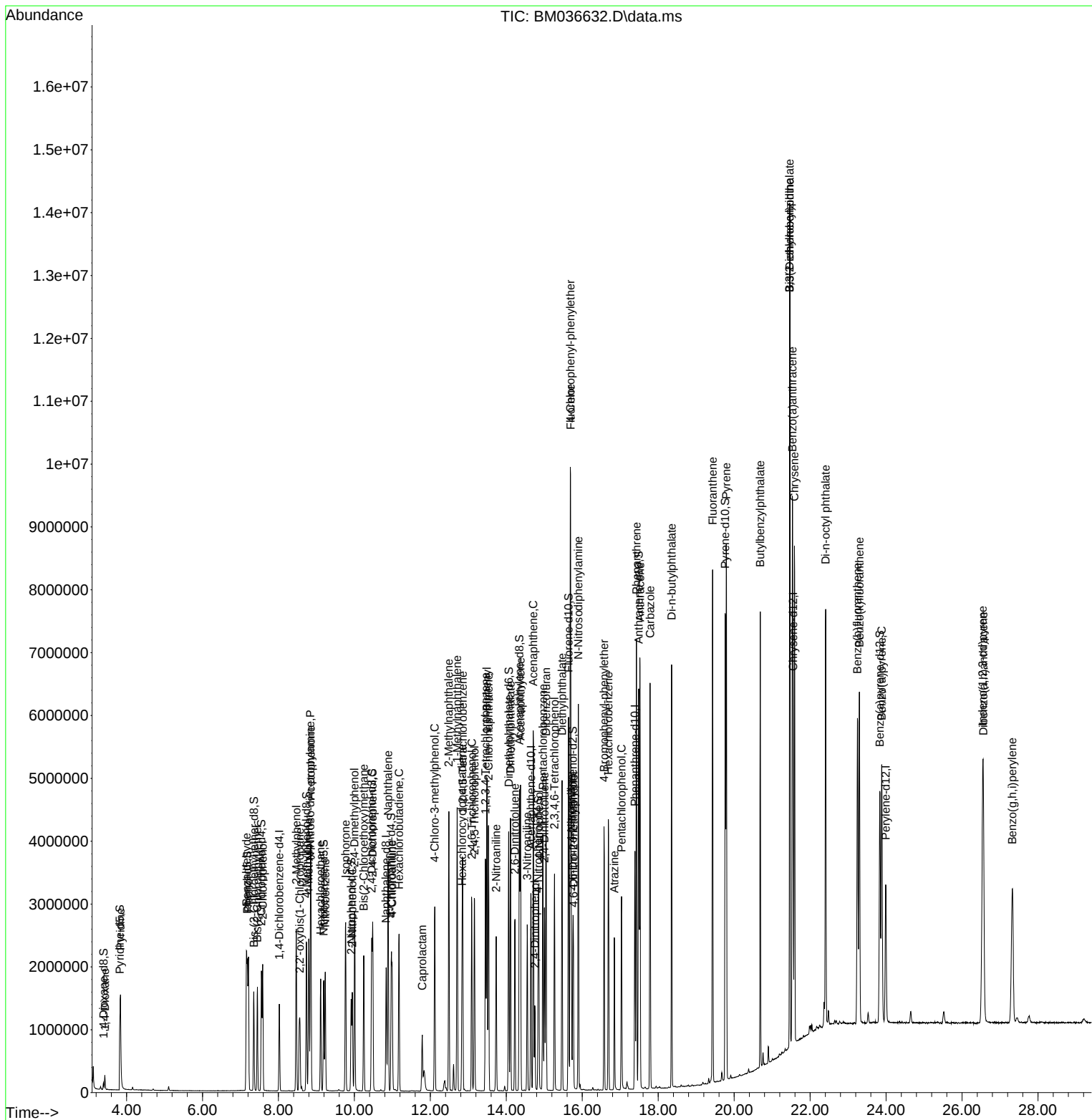
Instrument :
 BNA_M
 ClientSampleId :

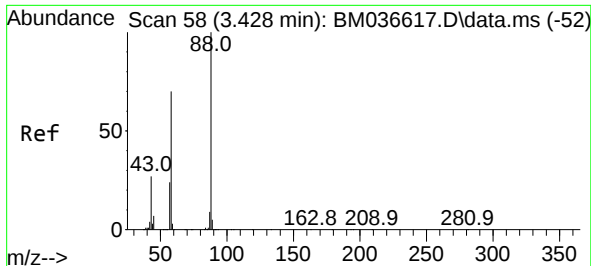
Quant Time: Sep 21 22:52:25 2022
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.704	142	2058438	33.992	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.851	216	991550	32.656	ng/ul	99
40) Hexachlorocyclopentadiene	12.833	237	415980	26.288	ng/ul	98
41) 2,4,6-Trichlorophenol	13.092	196	671308	36.108	ng/ul	99
42) 2,4,5-Trichlorophenol	13.163	196	740931	37.172	ng/ul	99
43) 1,1'-Biphenyl	13.492	154	2598207	32.855	ng/ul	98
44) 2-Chloronaphthalene	13.533	162	2056667	33.143	ng/ul	99
45) 2-Nitroaniline	13.733	65	625502	40.952	ng/ul	93
47) Dimethylphthalate	14.110	163	2642045	34.424	ng/ul	99
48) 2,6-Dinitrotoluene	14.227	165	528031	42.317	ng/ul	93
50) Acenaphthylene	14.374	152	3279095	33.419	ng/ul	99
51) 3-Nitroaniline	14.551	138	619630	41.404	ng/ul#	96
52) Acenaphthene	14.710	153	2269204	33.052	ng/ul	99
53) 2,4-Dinitrophenol	14.757	184	246117	44.451	ng/ul	91
55) 4-Nitrophenol	14.857	109	412512	34.387	ng/ul	95
56) Dibenzofuran	15.045	168	3072137	33.320	ng/ul	98
57) 2,4-Dinitrotoluene	15.004	165	768738	42.377	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.269	232	600563	35.993	ng/ul#	98
59) Diethylphthalate	15.469	149	2691214	35.028	ng/ul	100
61) Fluorene	15.692	166	2632514	33.523	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.686	204	1259022	33.524	ng/ul	98
63) 4-Nitroaniline	15.710	138	661629	45.503	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.768	198	394281	40.446	ng/ul#	95
67) N-Nitrosodiphenylamine	15.898	169	2205843	34.301	ng/ul	99
68) 4-Bromophenyl-phenylether	16.574	248	729462	33.895	ng/ul	100
69) Hexachlorobenzene	16.686	284	847123	33.280	ng/ul	98
70) Atrazine	16.845	200	389539	17.165	ng/ul	99
71) Pentachlorophenol	17.033	266	489786	32.393	ng/ul	98
72) Phenanthrene	17.427	178	4076353	33.894	ng/ul	99
74) Anthracene	17.521	178	4132641	33.806	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.451	216	1033845	34.619	ng/ul	99
76) Pentachlorobenzene	14.963	250	954760	29.559	ng/ul	99
77) Carbazole	17.786	167	3805528	33.624	ng/ul	99
78) Di-n-butylphthalate	18.351	149	4730134	36.873	ng/ul	99
80) Fluoranthene	19.433	202	4542692	39.963	ng/ul	99
82) Pyrene	19.792	202	4729653	39.308	ng/ul	98
83) Butylbenzylphthalate	20.686	149	2031962	44.567	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.462	252	1414427	38.391	ng/ul	99
85) Benzo(a)anthracene	21.533	228	4174445	35.335	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.462	149	3035324	45.574	ng/ul	99
87) Chrysene	21.586	228	3858395	34.408	ng/ul	99
89) Di-n-octyl phthalate	22.409	149	4794561	51.505	ng/ul	100
90) Benzo(b)fluoranthene	23.244	252	3669740	37.478	ng/ul	100
91) Benzo(k)fluoranthene	23.297	252	3453872	35.301	ng/ul	99
93) Benzo(a)pyrene	23.886	252	3062244	35.575	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.544	276	3353883	33.365	ng/ul	98
95) Dibenzo(a,h)anthracene	26.562	278	3080452	33.791	ng/ul	99
96) Benzo(g,h,i)perylene	27.321	276	2895854	33.231	ng/ul	99

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

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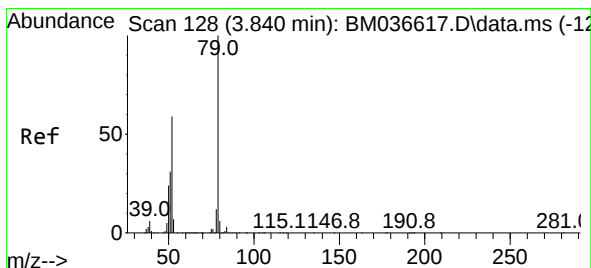
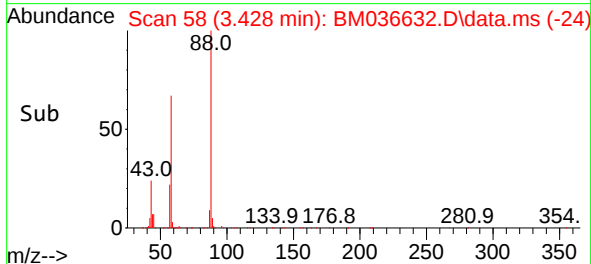
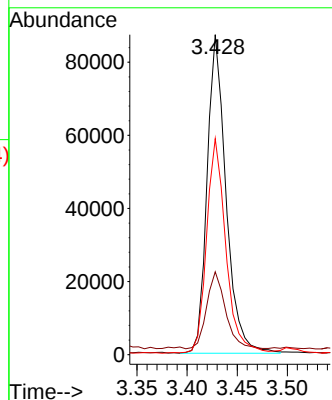
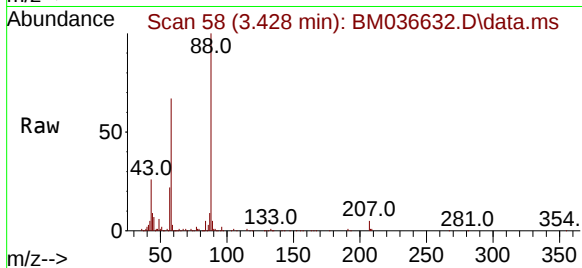




#2
1,4-Dioxane
Concen: 10.938 ng/uL
RT: 3.428 min Scan# 58
Delta R.T. -0.000 min
Lab File: BM036632.D
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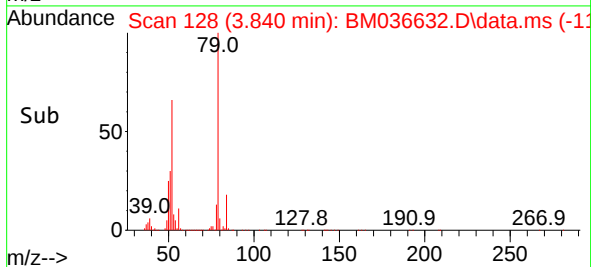
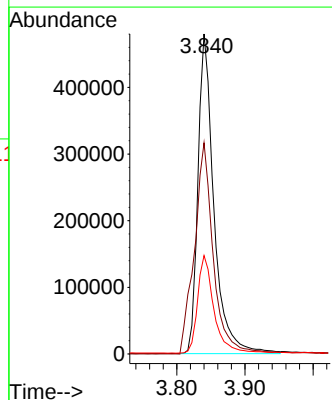
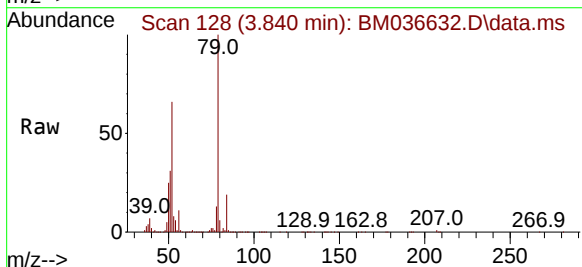
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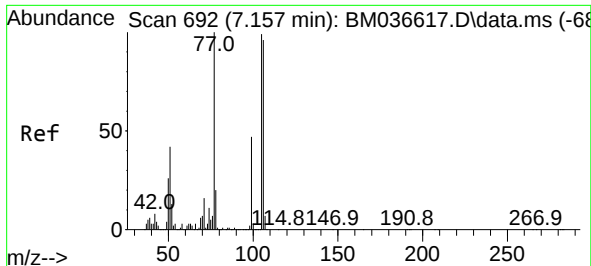
Tgt Ion: 88 Resp: 114864
Ion Ratio Lower Upper
88 100
43 25.9 23.1 34.7
58 67.5 56.6 85.0



#5
Pyridine
Concen: 27.421 ng/uL
RT: 3.840 min Scan# 128
Delta R.T. -0.000 min
Lab File: BM036632.D
Acq: 21 Sep 2022 19:24

Tgt Ion: 79 Resp: 783250
Ion Ratio Lower Upper
79 100
52 66.0 57.2 85.8
51 30.8 26.8 40.2

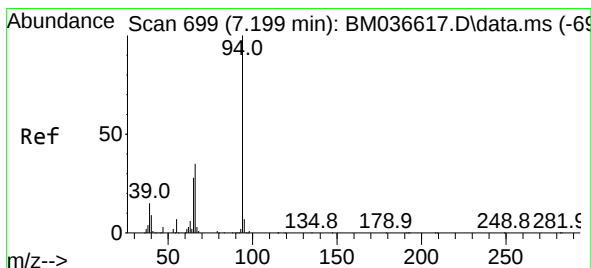
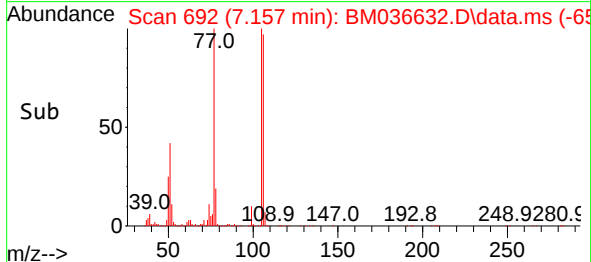
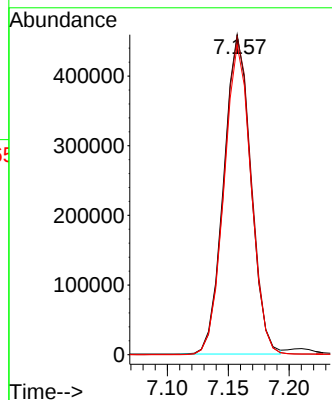
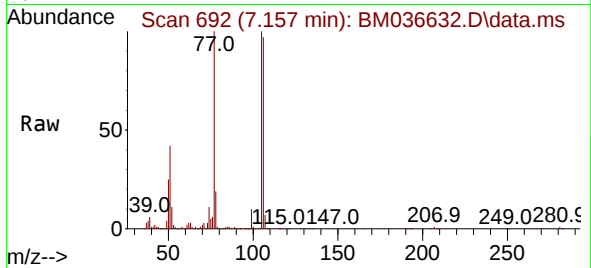




#6
Benzaldehyde
Concen: 44.851 ng/ul
RT: 7.157 min Scan# 692
Delta R.T. -0.000 min
Lab File: BM036632.D
Acq: 21 Sep 2022 19:24

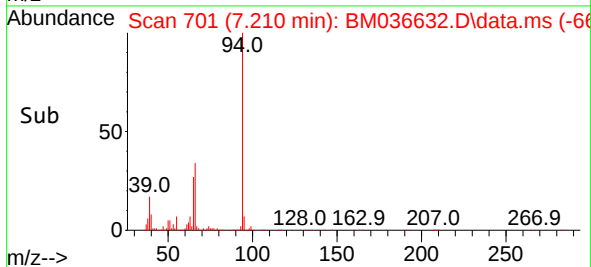
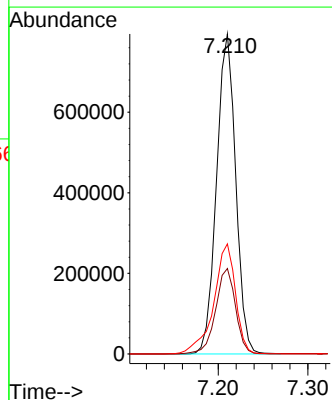
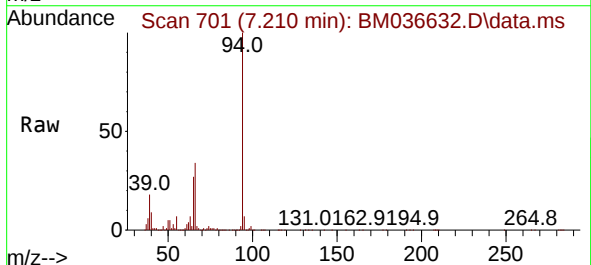
Instrument :
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ClientSampleId :

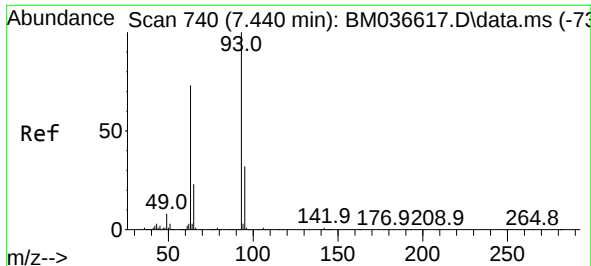
Tgt Ion: 77 Resp: 709316
Ion Ratio Lower Upper
77 100
105 99.5 75.1 112.7
106 96.9 73.0 109.6



#8
Phenol
Concen: 33.577 ng/ul
RT: 7.210 min Scan# 701
Delta R.T. 0.012 min
Lab File: BM036632.D
Acq: 21 Sep 2022 19:24

Tgt Ion: 94 Resp: 1176911
Ion Ratio Lower Upper
94 100
65 26.7 22.2 33.4
66 34.4 28.9 43.3



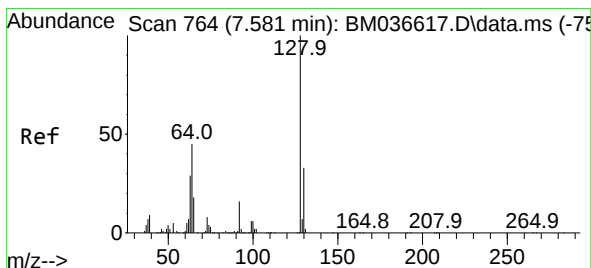
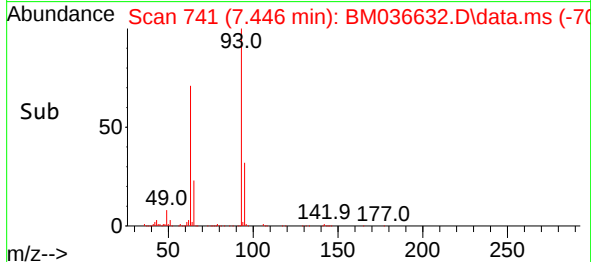
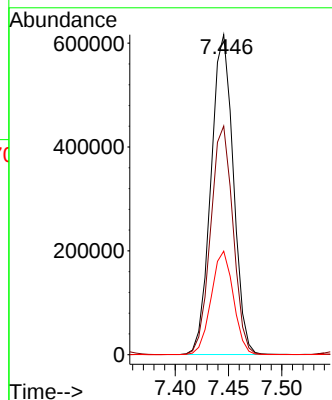
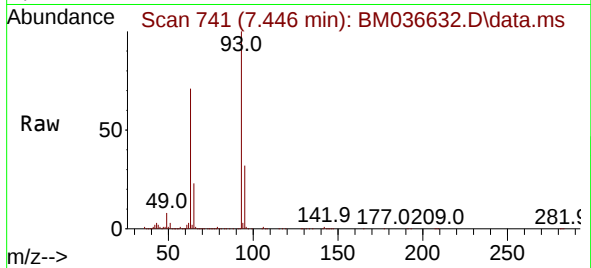


#10
 Bis(2-Chloroethyl)ether
 Concen: 32.923 ng/ul
 RT: 7.446 min Scan# 741
 Delta R.T. 0.006 min
 Lab File: BM036632.D
 Acq: 21 Sep 2022 19:24

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion: 93 Resp: 897873

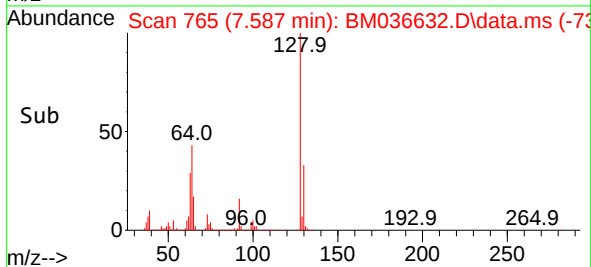
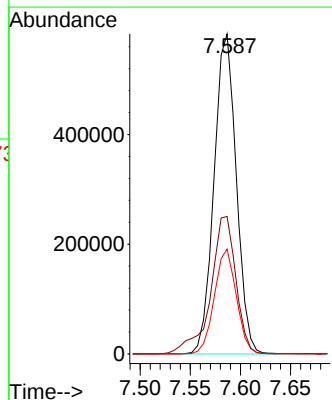
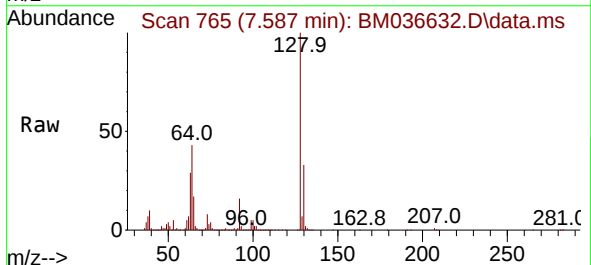
Ion	Ratio	Lower	Upper
93	100		
63	71.5	59.1	88.7
95	32.3	26.1	39.1

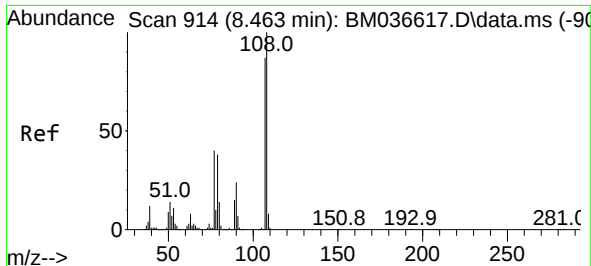


#12
 2-Chlorophenol
 Concen: 35.404 ng/ul
 RT: 7.587 min Scan# 765
 Delta R.T. 0.006 min
 Lab File: BM036632.D
 Acq: 21 Sep 2022 19:24

Tgt Ion:128 Resp: 900499

Ion	Ratio	Lower	Upper
128	100		
64	43.0	37.8	56.8
130	32.7	26.0	39.0





#13

2-Methylphenol

Concen: 34.162 ng/ul

RT: 8.469 min Scan# 914

Delta R.T. 0.006 min

Lab File: BM036632.D

Acq: 21 Sep 2022 19:24

Instrument :

BNA_M

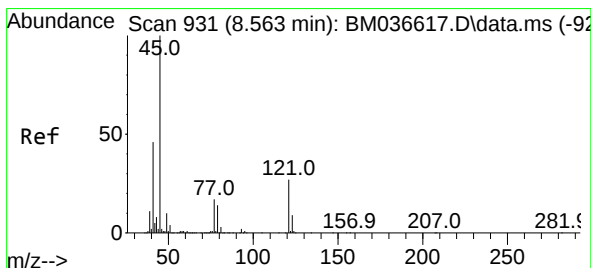
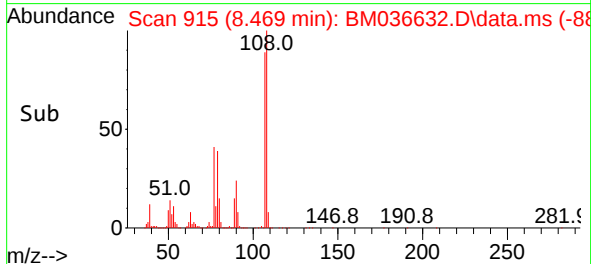
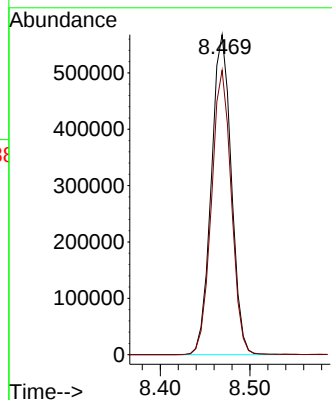
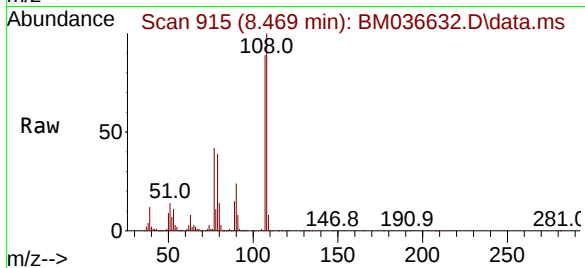
ClientSampleId :

Tgt Ion:108 Resp: 880150

Ion Ratio Lower Upper

108 100

107 88.9 70.7 106.1



#14

2,2'-oxybis(1-Chloropropane)

Concen: 31.485 ng/ul

RT: 8.557 min Scan# 930

Delta R.T. -0.006 min

Lab File: BM036632.D

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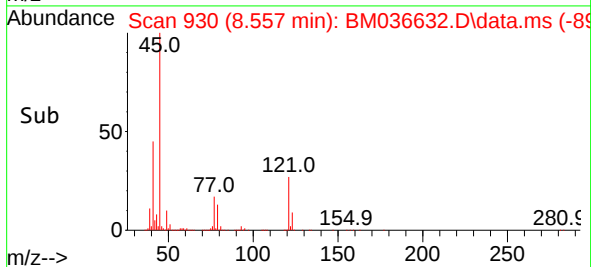
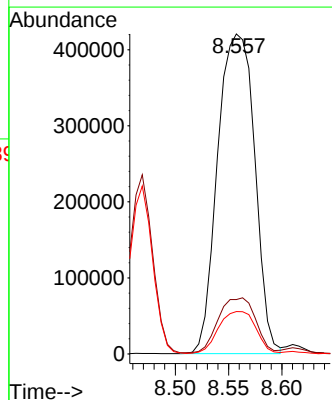
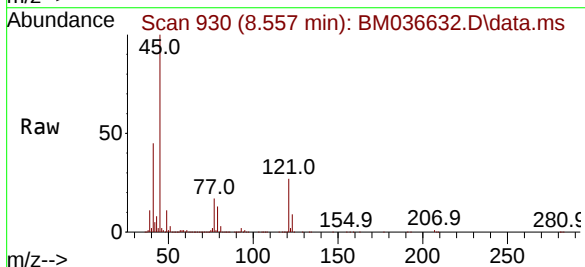
Tgt Ion: 45 Resp: 1017700

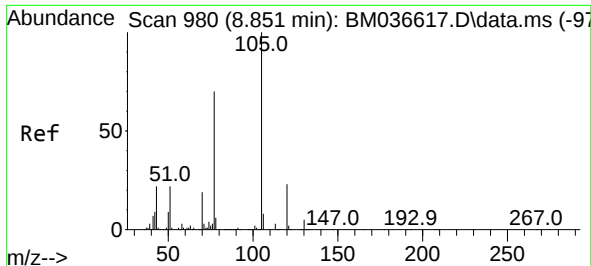
Ion Ratio Lower Upper

45 100

77 17.0 13.1 19.7

79 13.2 9.5 14.3

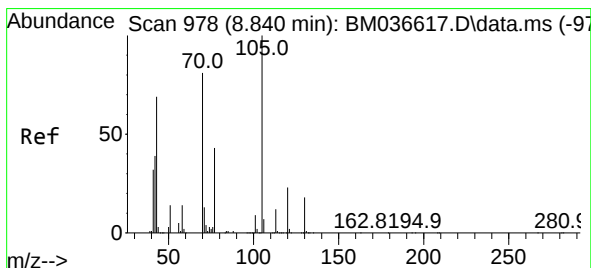
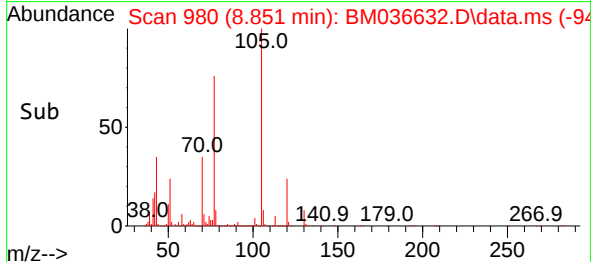
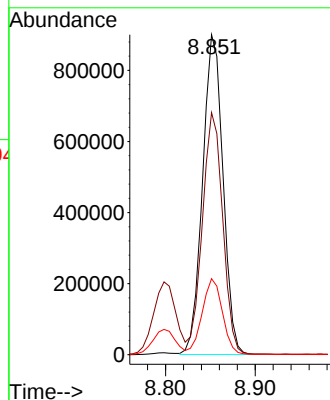
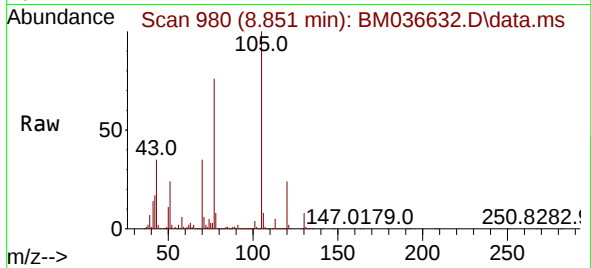




#16
Acetophenone
Concen: 33.952 ng/ul
RT: 8.851 min Scan# 980
Delta R.T. -0.000 min
Lab File: BM036632.D
Acq: 21 Sep 2022 19:24

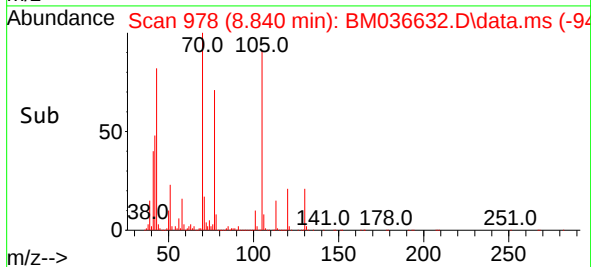
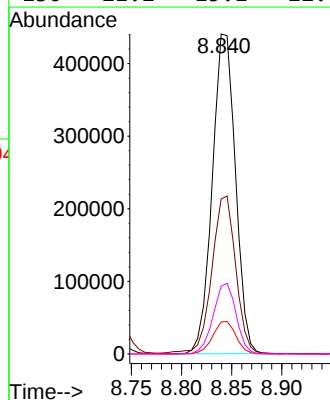
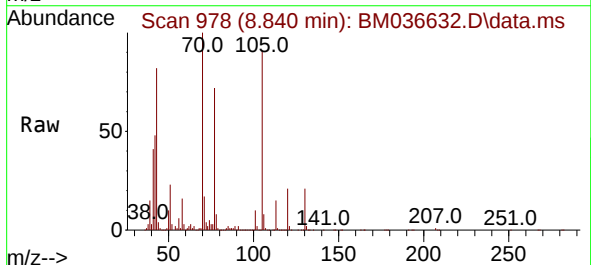
Instrument :
BNA_M
ClientSampleId :

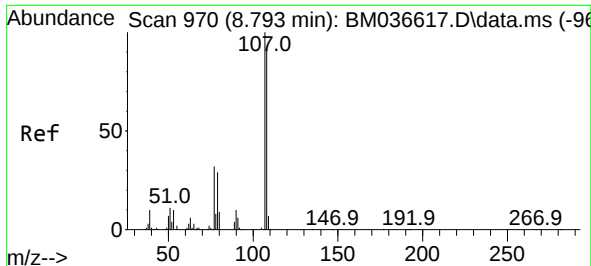
Tgt Ion:105 Resp: 1421129
Ion Ratio Lower Upper
105 100
77 75.6 61.6 92.4
51 23.7 20.5 30.7



#17
N-Nitroso-di-n-propylamine
Concen: 35.099 ng/ul
RT: 8.840 min Scan# 978
Delta R.T. -0.000 min
Lab File: BM036632.D
Acq: 21 Sep 2022 19:24

Tgt Ion: 70 Resp: 708888
Ion Ratio Lower Upper
70 100
42 48.4 43.0 64.4
101 10.0 7.7 11.5
130 21.2 15.1 22.7

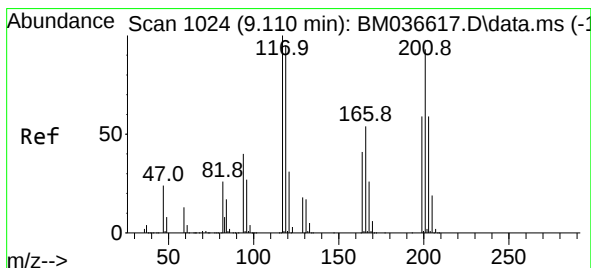
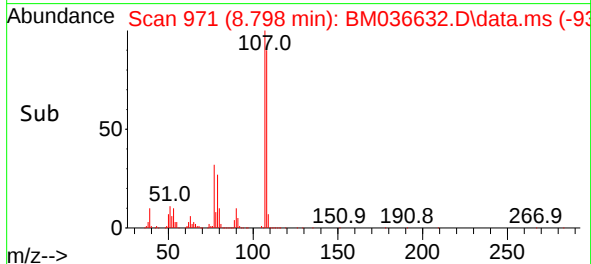
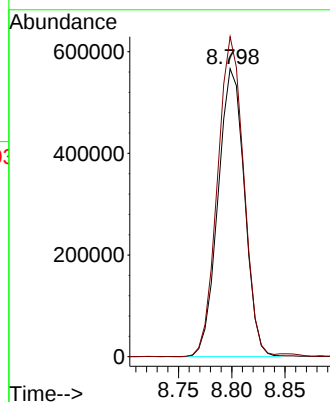
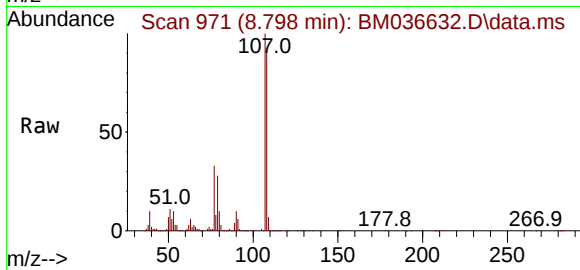




#18
4-Methylphenol
Concen: 35.152 ng/ul
RT: 8.798 min Scan# 971
Delta R.T. 0.006 min
Lab File: BM036632.D
Acq: 21 Sep 2022 19:24

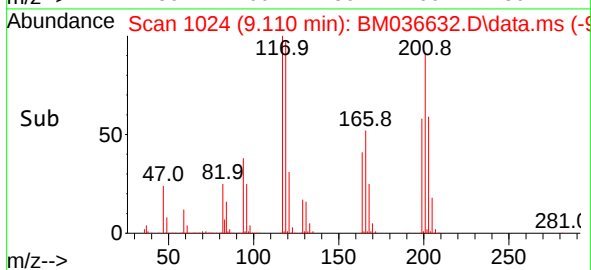
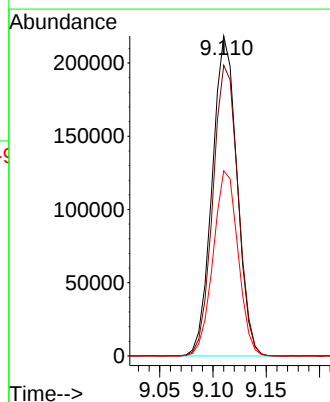
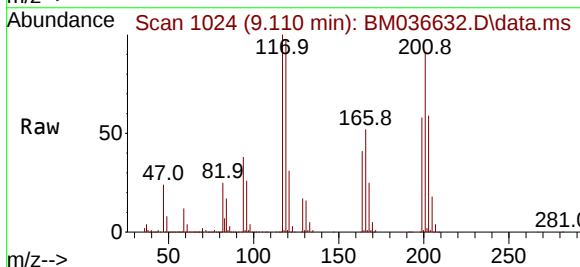
Instrument :
BNA_M
ClientSampleId :

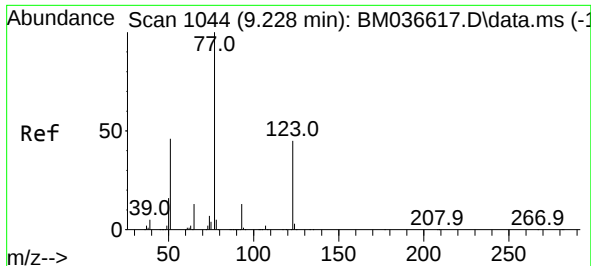
Tgt Ion:108 Resp: 979325
Ion Ratio Lower Upper
108 100
107 111.1 89.4 134.0



#19
Hexachloroethane
Concen: 34.291 ng/ul
RT: 9.110 min Scan# 1024
Delta R.T. -0.000 min
Lab File: BM036632.D
Acq: 21 Sep 2022 19:24

Tgt Ion:117 Resp: 353266
Ion Ratio Lower Upper
117 100
201 90.9 68.7 103.1
199 57.9 43.0 64.6

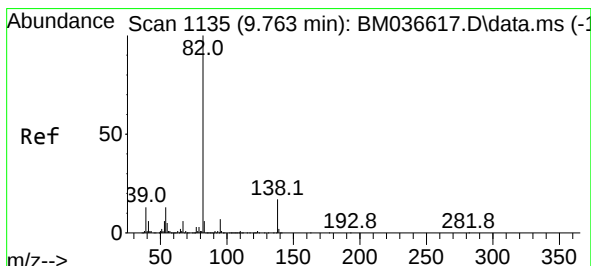
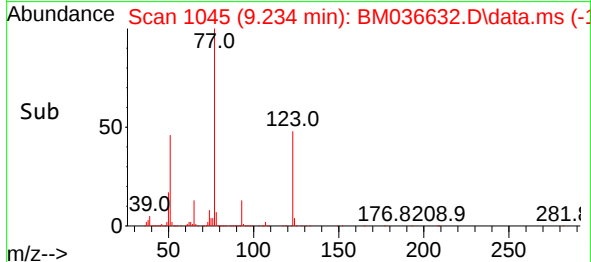
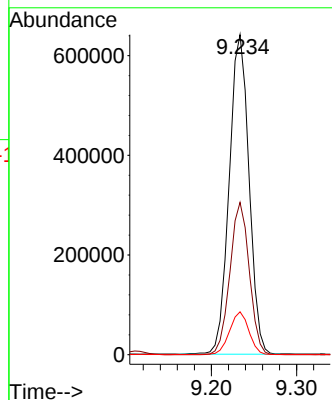
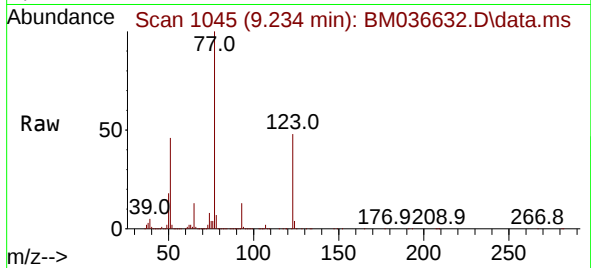




#22
Nitrobenzene
Concen: 34.637 ng/ul
RT: 9.234 min Scan# 1045
Delta R.T. 0.006 min
Lab File: BM036632.D
Acq: 21 Sep 2022 19:24

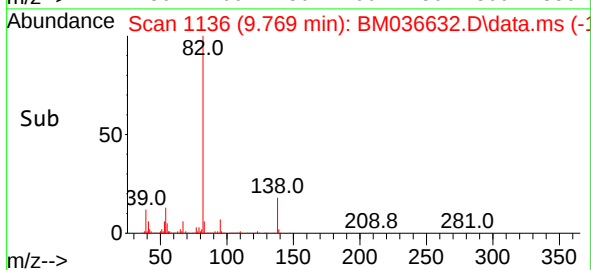
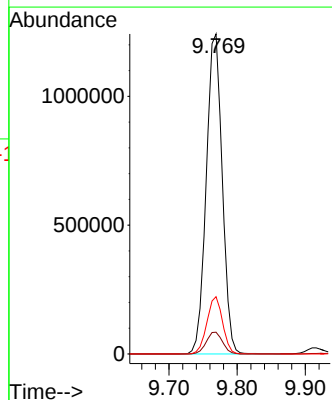
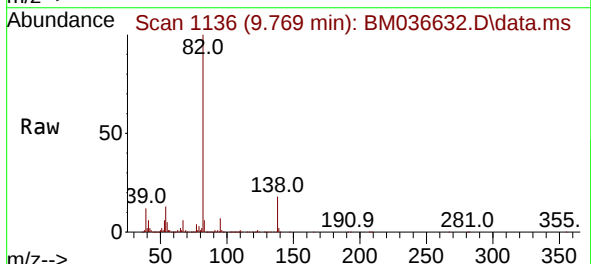
Instrument :
BNA_M
ClientSampleId :

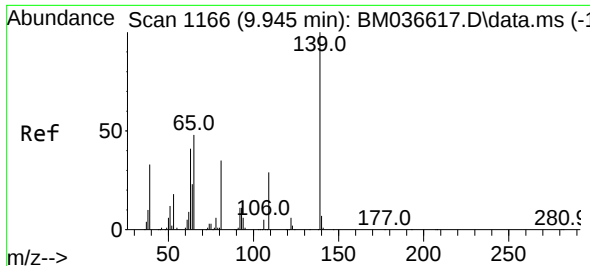
Tgt Ion: 77 Resp: 1033020
Ion Ratio Lower Upper
77 100
123 47.6 34.9 52.3
65 13.4 10.7 16.1



#23
Isophorone
Concen: 33.340 ng/ul
RT: 9.769 min Scan# 1136
Delta R.T. 0.006 min
Lab File: BM036632.D
Acq: 21 Sep 2022 19:24

Tgt Ion: 82 Resp: 2027399
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 17.9 13.5 20.3

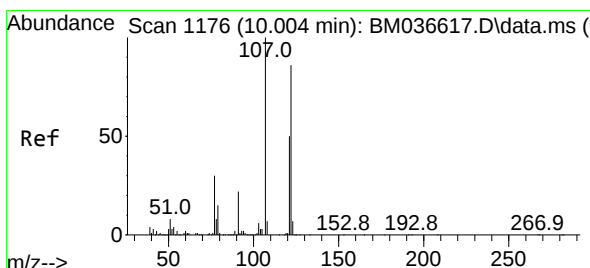
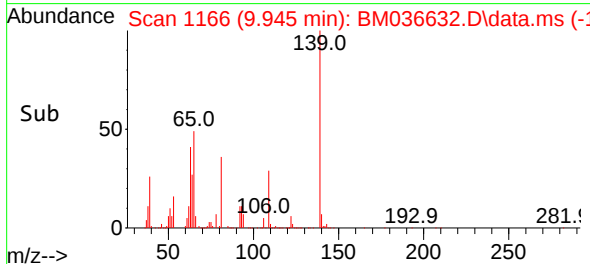
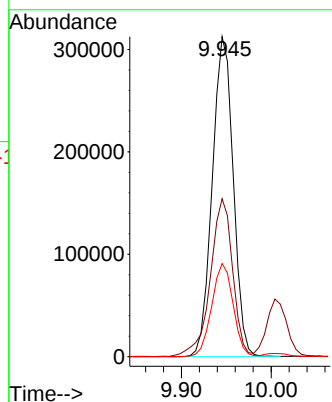
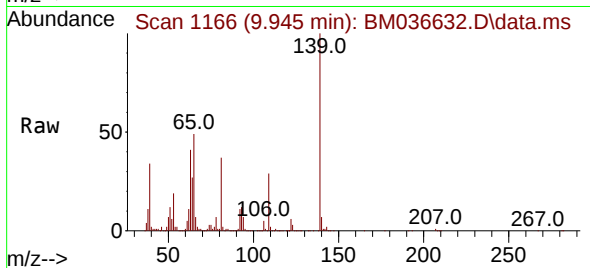




#25
2-Nitrophenol
Concen: 40.768 ng/ul
RT: 9.945 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BM036632.D
Acq: 21 Sep 2022 19:24

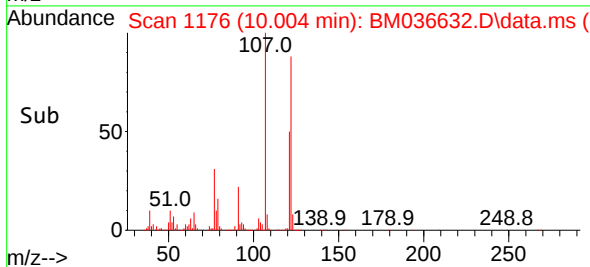
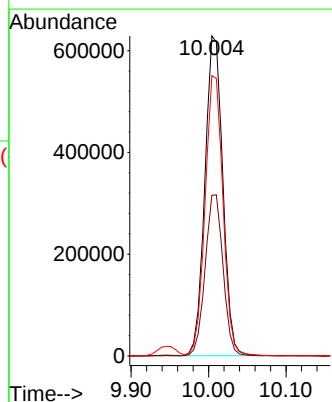
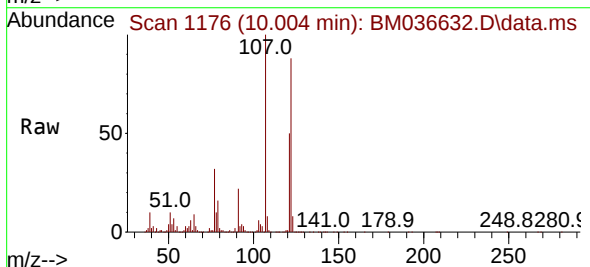
Instrument :
BNA_M
ClientSampleId :

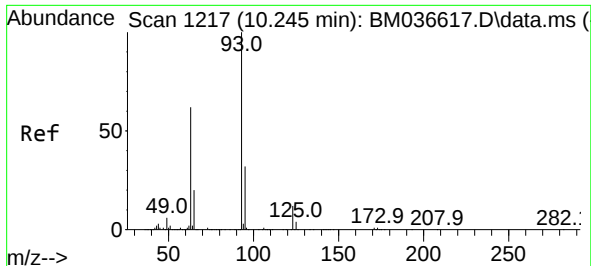
Tgt Ion:139 Resp: 506638
Ion Ratio Lower Upper
139 100
65 49.3 40.9 61.3
109 29.1 23.9 35.9



#26
2,4-Dimethylphenol
Concen: 32.883 ng/ul
RT: 10.004 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BM036632.D
Acq: 21 Sep 2022 19:24

Tgt Ion:107 Resp: 1007912
Ion Ratio Lower Upper
107 100
121 50.2 39.4 59.2
122 87.6 69.1 103.7





#27

Bis(2-Chloroethoxy)methane

Concen: 33.436 ng/ul

RT: 10.245 min Scan# 1

Delta R.T. -0.000 min

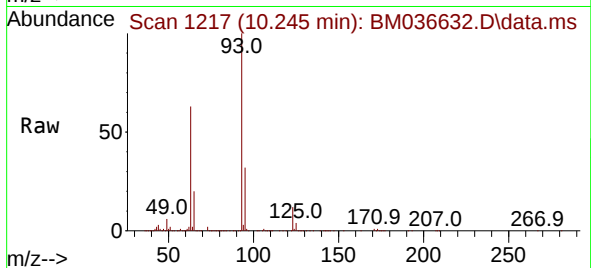
Lab File: BM036632.D

Acq: 21 Sep 2022 19:24

Instrument :

BNA_M

ClientSampleId :



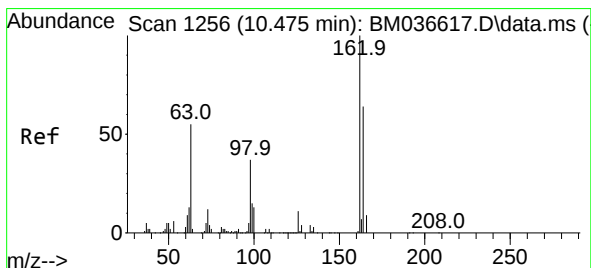
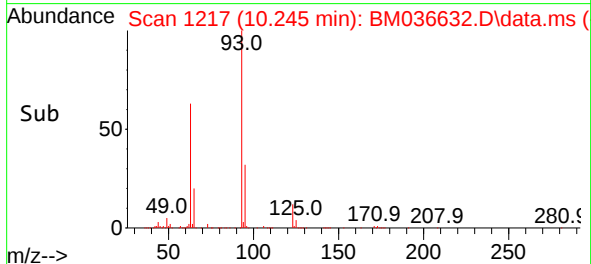
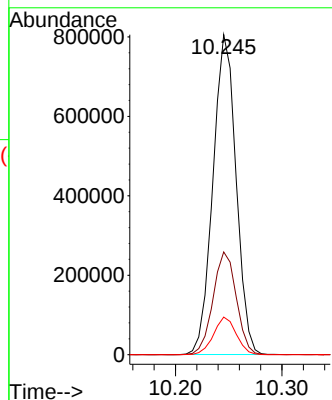
Tgt Ion: 93 Resp: 1211911

Ion Ratio Lower Upper

93 100

95 32.1 26.2 39.4

123 11.8 9.2 13.8



#29

2,4-Dichlorophenol

Concen: 35.690 ng/ul

RT: 10.481 min Scan# 1257

Delta R.T. 0.006 min

Lab File: BM036632.D

Acq: 21 Sep 2022 19:24

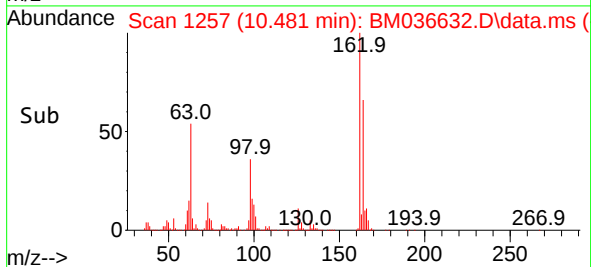
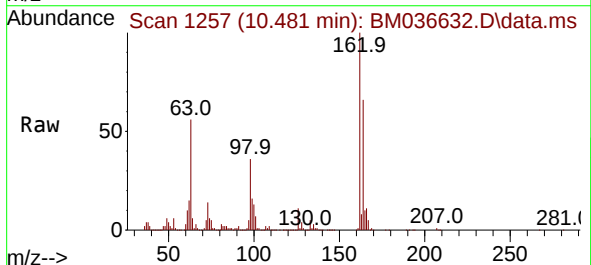
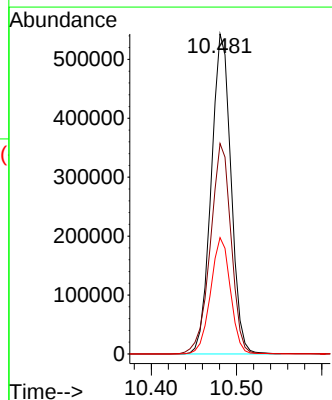
Tgt Ion:162 Resp: 874909

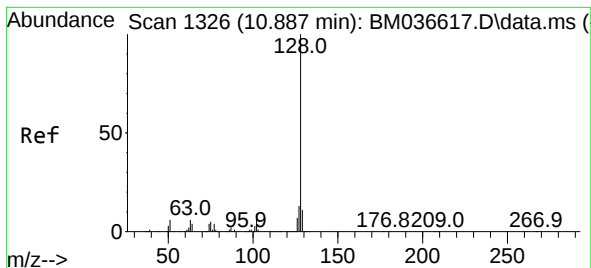
Ion Ratio Lower Upper

162 100

164 65.7 52.1 78.1

98 36.4 29.1 43.7

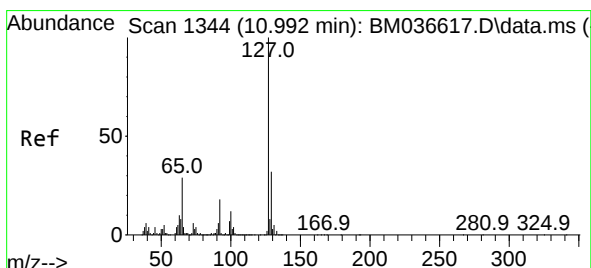
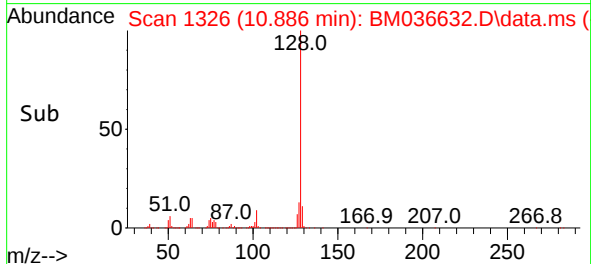
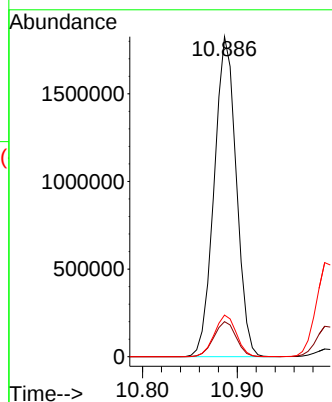
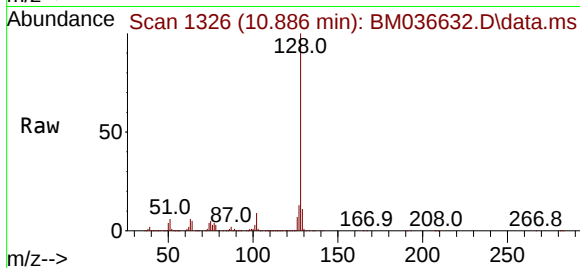




#30
Naphthalene
Concen: 32.721 ng/ul
RT: 10.886 min Scan# 1326
Delta R.T. -0.000 min
Lab File: BM036632.D
Acq: 21 Sep 2022 19:24

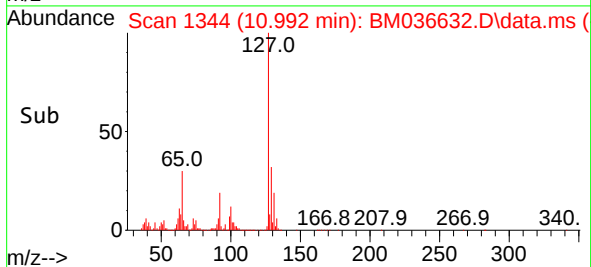
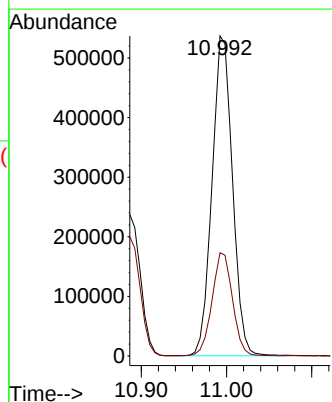
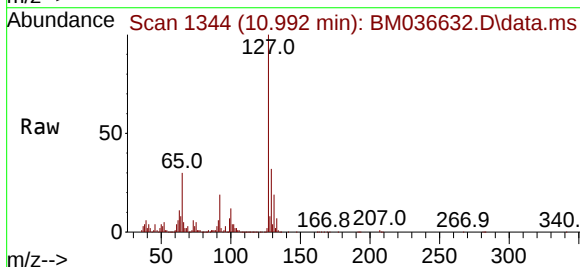
Instrument :
BNA_M
ClientSampleId :

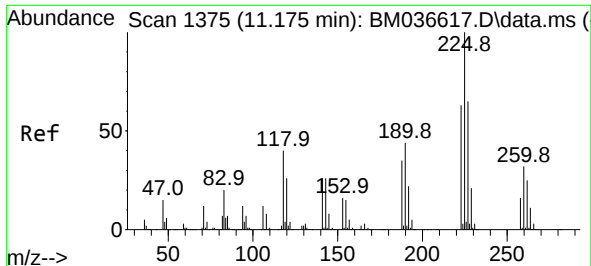
Tgt Ion:128 Resp: 2958251
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.0 10.3 15.5



#32
4-Chloroaniline
Concen: 22.367 ng/ul
RT: 10.992 min Scan# 1344
Delta R.T. -0.000 min
Lab File: BM036632.D
Acq: 21 Sep 2022 19:24

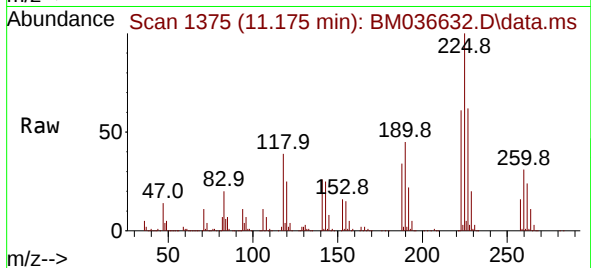
Tgt Ion:127 Resp: 895253
Ion Ratio Lower Upper
127 100
129 32.3 25.4 38.2



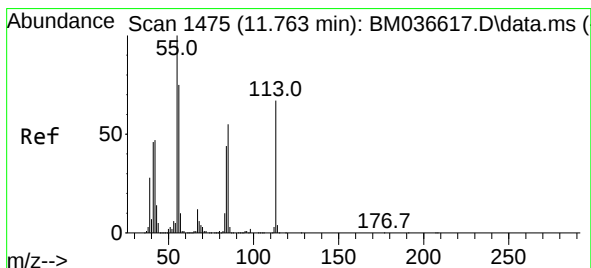
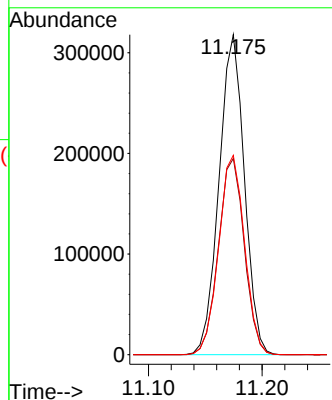
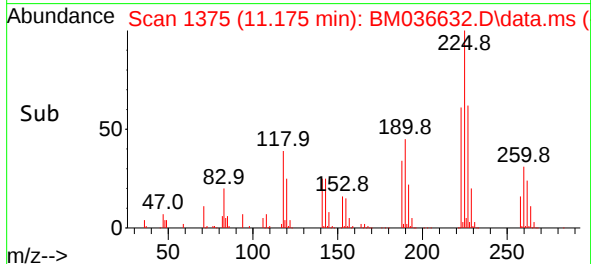


#33
Hexachlorobutadiene
Concen: 32.902 ng/ul
RT: 11.175 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM036632.D
Acq: 21 Sep 2022 19:24

Instrument :
BNA_M
ClientSampleId :

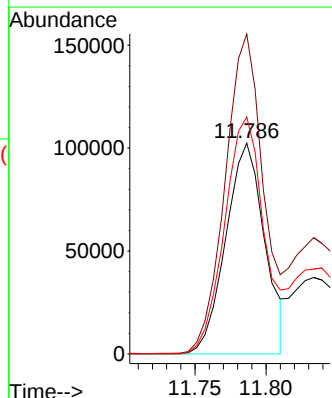
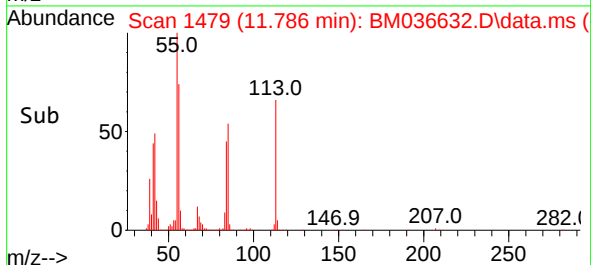
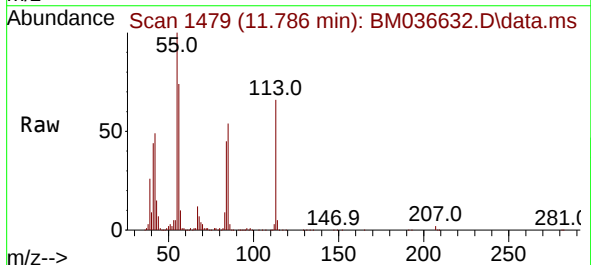


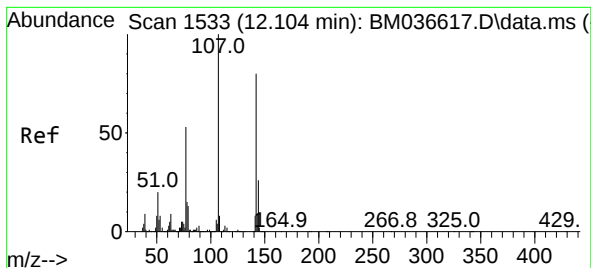
Tgt Ion:225 Resp: 493286
Ion Ratio Lower Upper
225 100
223 61.3 49.8 74.8
227 62.3 51.0 76.6



#34
Caprolactam
Concen: 24.471 ng/ul
RT: 11.786 min Scan# 1479
Delta R.T. 0.023 min
Lab File: BM036632.D
Acq: 21 Sep 2022 19:24

Tgt Ion:113 Resp: 194588
Ion Ratio Lower Upper
113 100
55 151.9 127.5 191.3
56 112.5 94.6 142.0

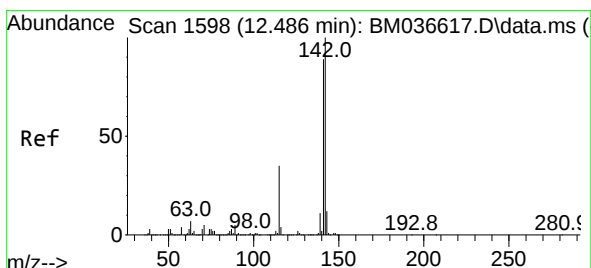
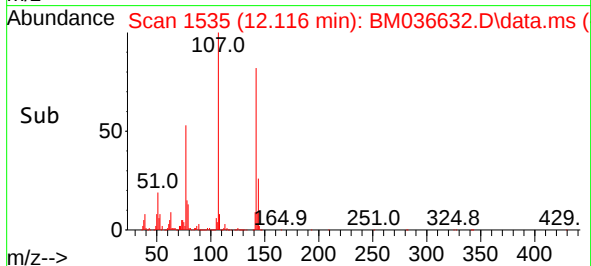
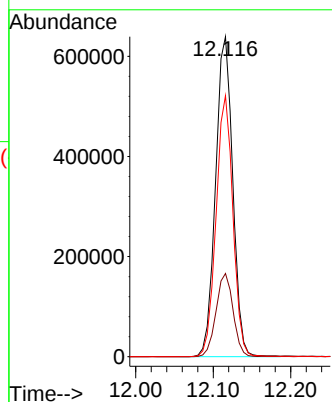
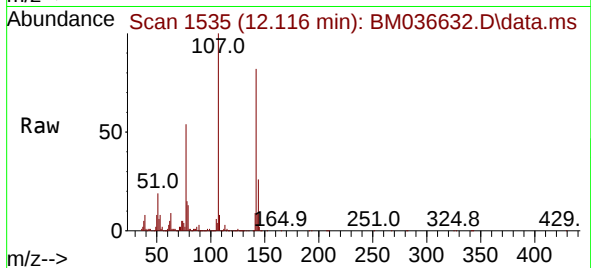




#35
4-Chloro-3-methylphenol
Concen: 36.387 ng/ul
RT: 12.116 min Scan# 1535
Delta R.T. 0.012 min
Lab File: BM036632.D
Acq: 21 Sep 2022 19:24

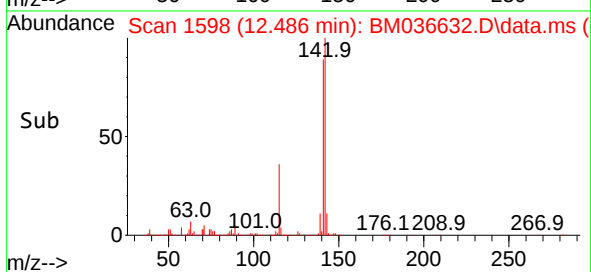
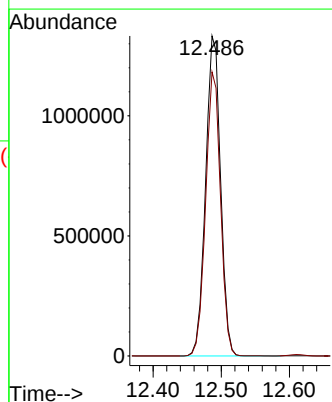
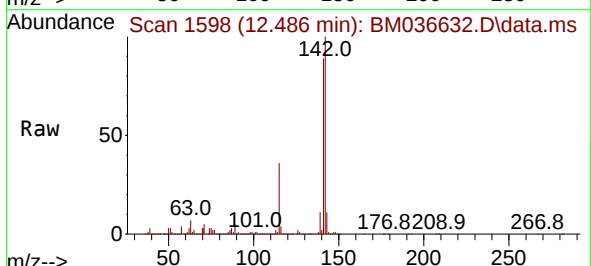
Instrument :
BNA_M
ClientSampleId :

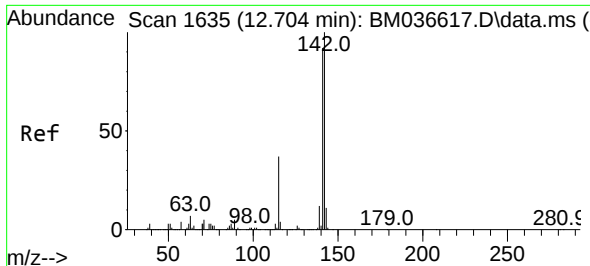
Tgt Ion:107 Resp: 984627
Ion Ratio Lower Upper
107 100
144 26.0 21.5 32.3
142 81.6 63.9 95.9



#36
2-Methylnaphthalene
Concen: 33.675 ng/ul
RT: 12.486 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BM036632.D
Acq: 21 Sep 2022 19:24

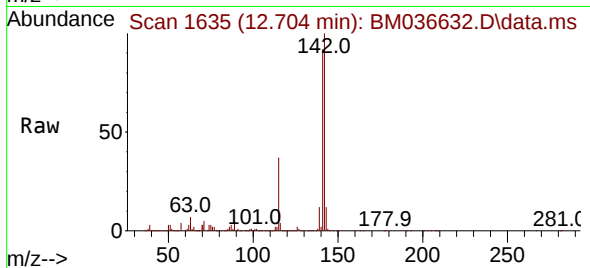
Tgt Ion:142 Resp: 2028490
Ion Ratio Lower Upper
142 100
141 88.7 70.7 106.1



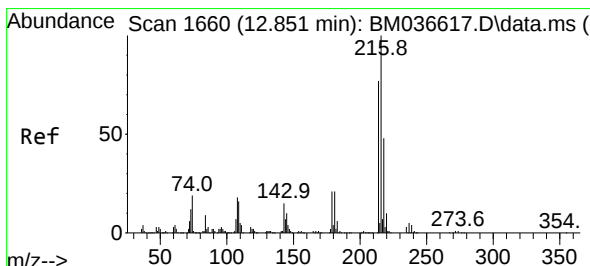
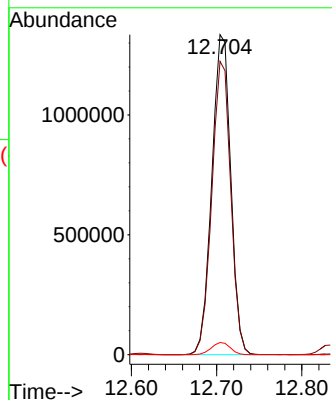
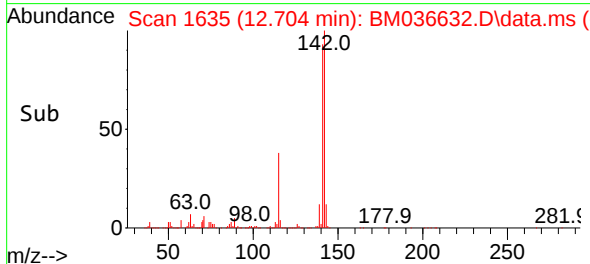


#37
1-Methylnaphthalene
Concen: 33.992 ng/ul
RT: 12.704 min Scan# 1635
Delta R.T. -0.000 min
Lab File: BM036632.D
Acq: 21 Sep 2022 19:24

Instrument :
BNA_M
ClientSampleId :

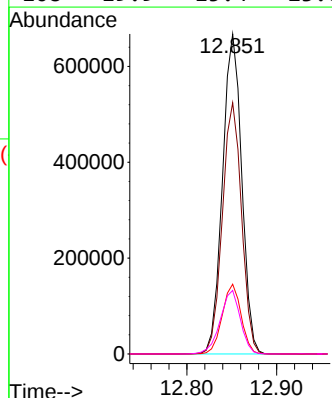
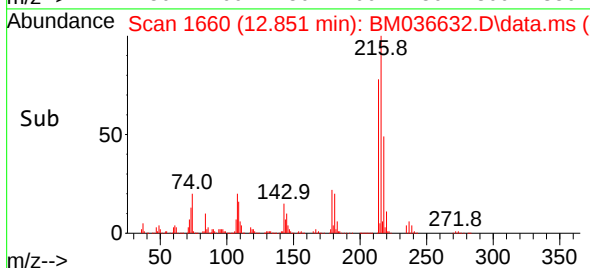
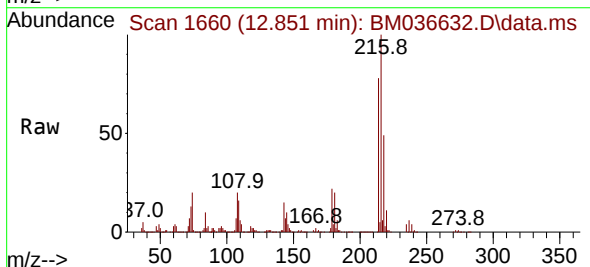


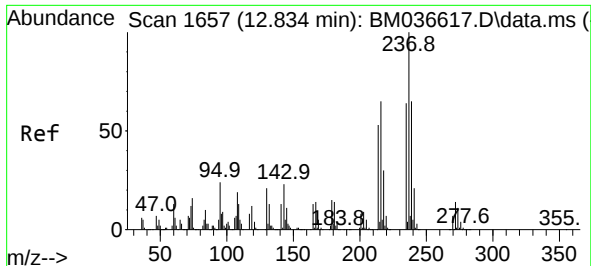
Tgt Ion:142 Resp: 2058438
Ion Ratio Lower Upper
142 100
141 91.6 73.4 110.2
116 3.8 3.1 4.7



#39
1,2,4,5-Tetrachlorobenzene
Concen: 32.656 ng/ul
RT: 12.851 min Scan# 1660
Delta R.T. -0.000 min
Lab File: BM036632.D
Acq: 21 Sep 2022 19:24

Tgt Ion:216 Resp: 991550
Ion Ratio Lower Upper
216 100
214 78.5 62.4 93.6
179 21.8 16.7 25.1
108 19.9 15.4 23.0

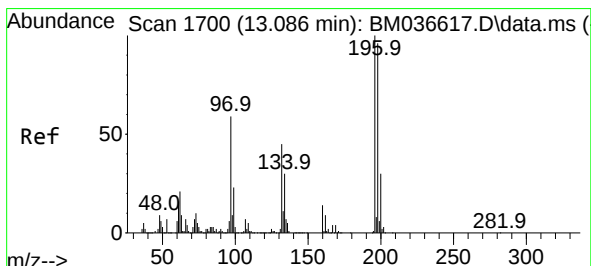
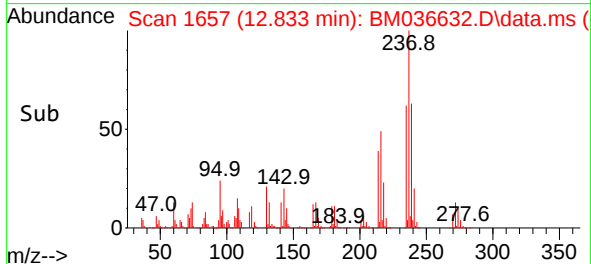
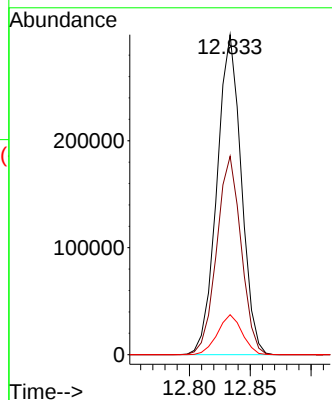
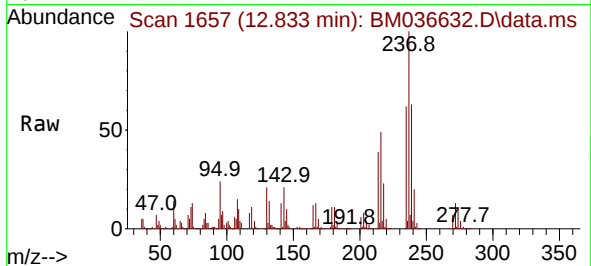




#40
Hexachlorocyclopentadiene
Concen: 26.288 ng/ul
RT: 12.833 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM036632.D
Acq: 21 Sep 2022 19:24

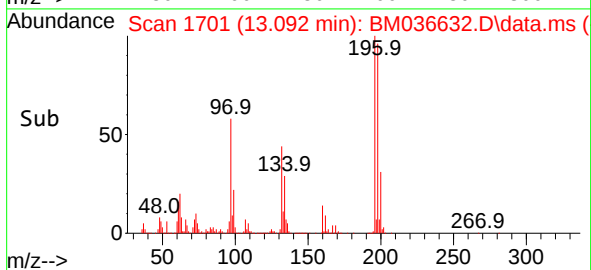
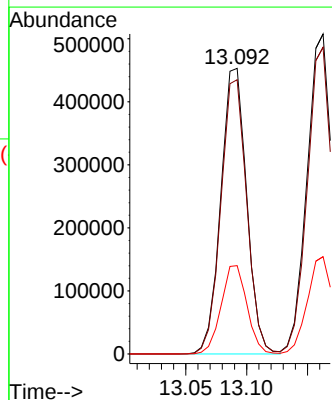
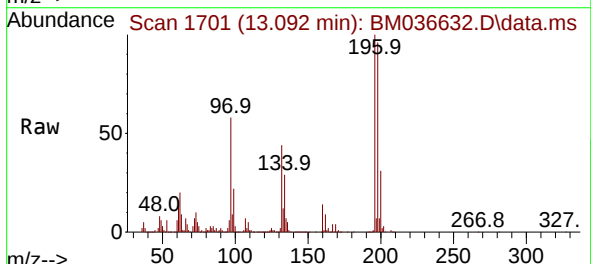
Instrument :
BNA_M
ClientSampleId :

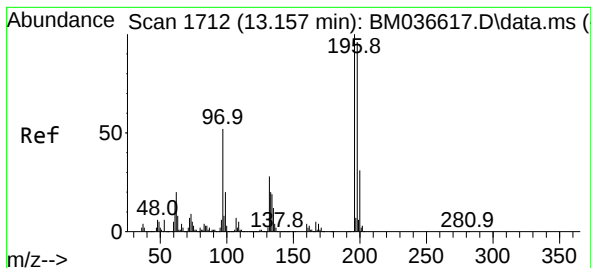
Tgt Ion:237 Resp: 415980
Ion Ratio Lower Upper
237 100
235 62.0 50.9 76.3
272 13.4 10.3 15.5



#41
2,4,6-Trichlorophenol
Concen: 36.108 ng/ul
RT: 13.092 min Scan# 1701
Delta R.T. 0.006 min
Lab File: BM036632.D
Acq: 21 Sep 2022 19:24

Tgt Ion:196 Resp: 671308
Ion Ratio Lower Upper
196 100
198 96.0 77.3 115.9
200 30.9 25.2 37.8





#42

2,4,5-Trichlorophenol

Concen: 37.172 ng/ul

RT: 13.163 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM036632.D

Acq: 21 Sep 2022 19:24

Instrument :

BNA_M

ClientSampleId :

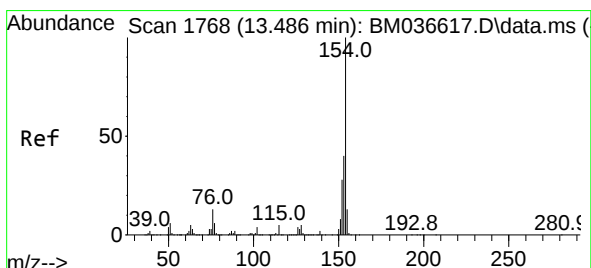
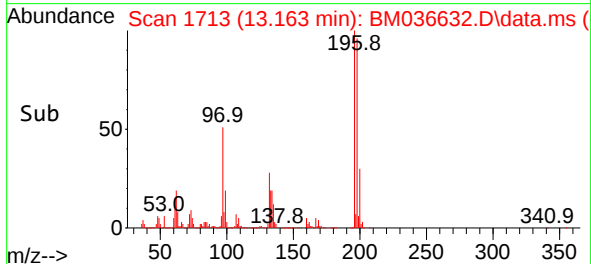
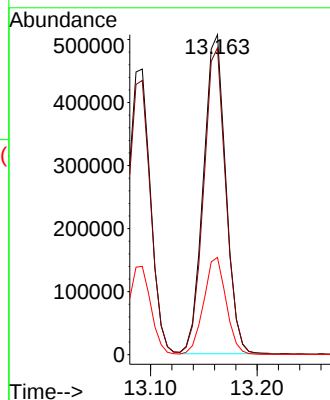
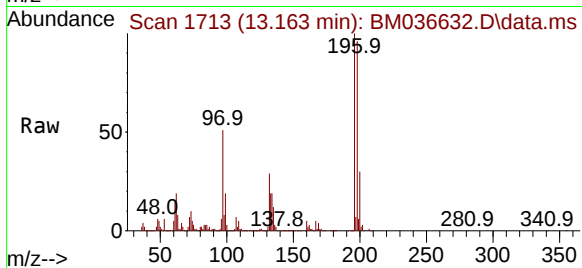
Tgt Ion:196 Resp: 740931

Ion Ratio Lower Upper

196 100

198 95.8 75.6 113.4

200 30.4 24.7 37.1



#43

1,1'-Biphenyl

Concen: 32.855 ng/ul

RT: 13.492 min Scan# 1769

Delta R.T. 0.006 min

Lab File: BM036632.D

Acq: 21 Sep 2022 19:24

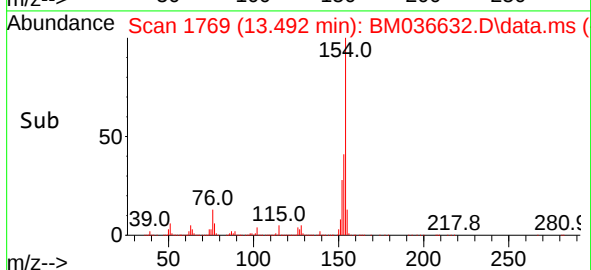
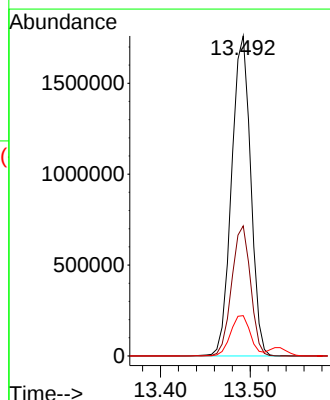
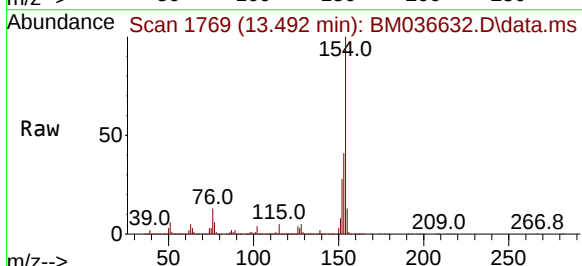
Tgt Ion:154 Resp: 2598207

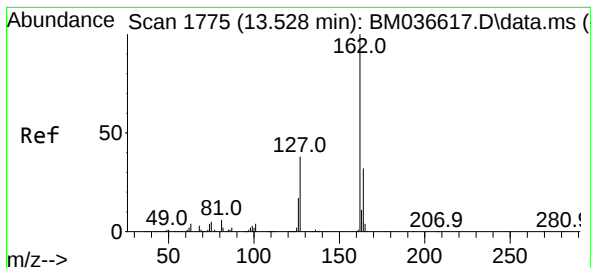
Ion Ratio Lower Upper

154 100

153 40.6 31.4 47.2

76 12.6 10.4 15.6





#44

2-Chloronaphthalene

Concen: 33.143 ng/ul

RT: 13.533 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM036632.D

Acq: 21 Sep 2022 19:24

Instrument :

BNA_M

ClientSampleId :

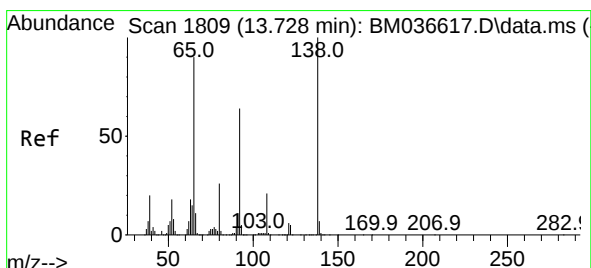
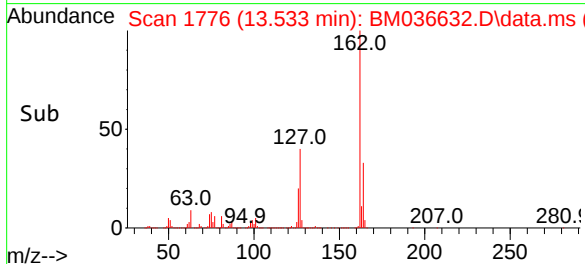
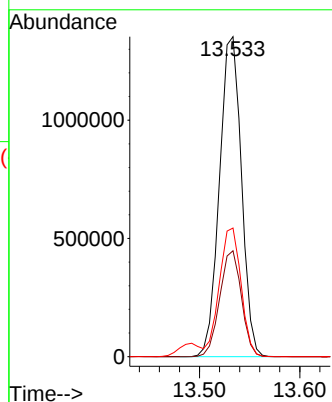
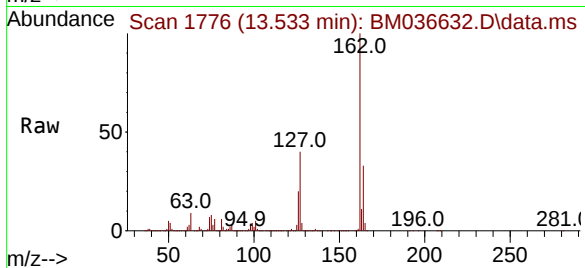
Tgt Ion:162 Resp: 2056667

Ion Ratio Lower Upper

162 100

164 33.1 26.2 39.2

127 40.2 32.6 49.0



#45

2-Nitroaniline

Concen: 40.952 ng/ul

RT: 13.733 min Scan# 1810

Delta R.T. 0.006 min

Lab File: BM036632.D

Acq: 21 Sep 2022 19:24

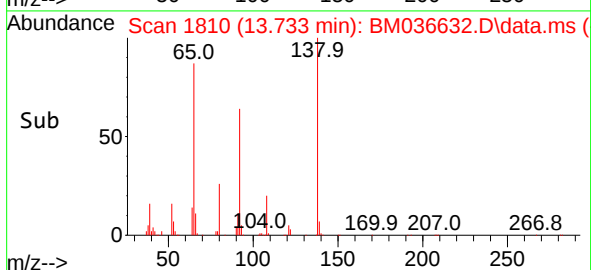
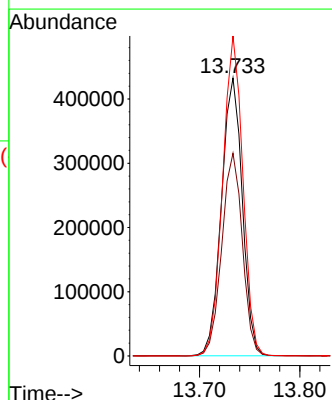
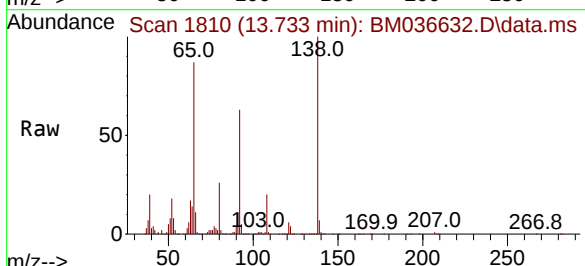
Tgt Ion: 65 Resp: 625502

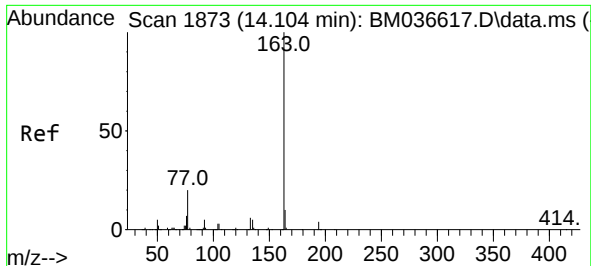
Ion Ratio Lower Upper

65 100

92 73.0 54.4 81.6

138 115.1 86.1 129.1

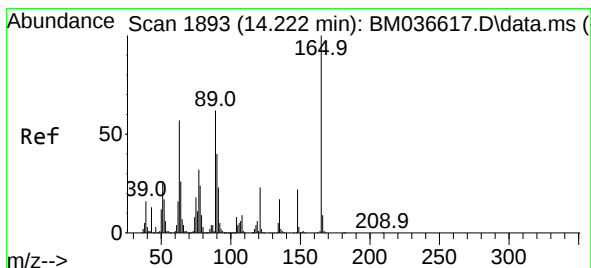
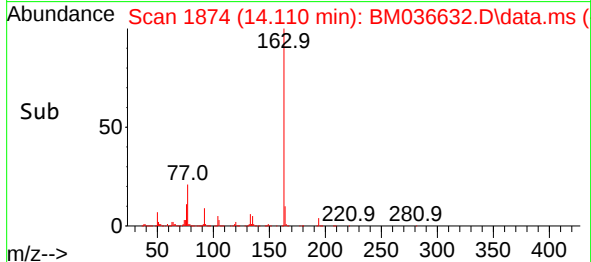
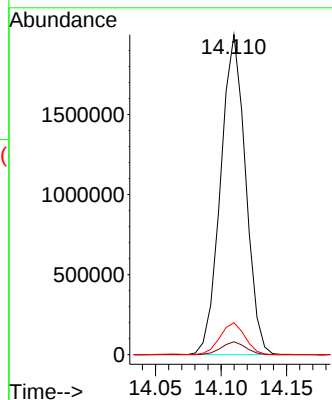
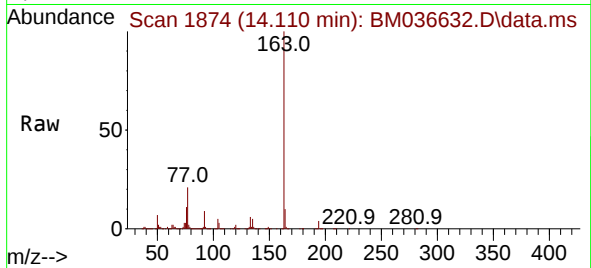




#47
Dimethylphthalate
Concen: 34.424 ng/ul
RT: 14.110 min Scan# 1874
Delta R.T. 0.006 min
Lab File: BM036632.D
Acq: 21 Sep 2022 19:24

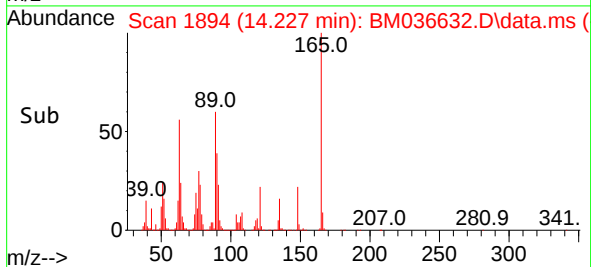
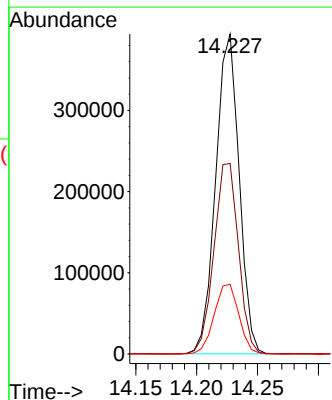
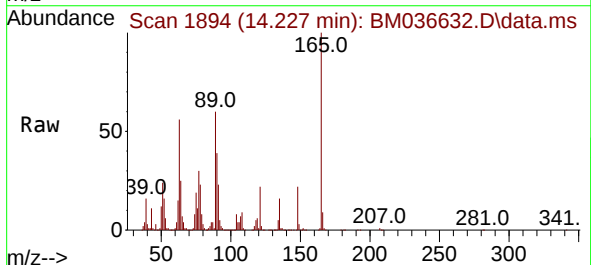
Instrument :
BNA_M
ClientSampleId :

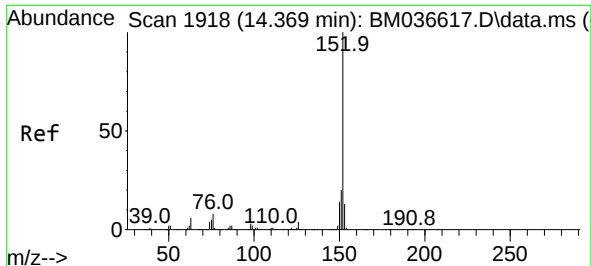
Tgt Ion:163 Resp: 2642045
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.0 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 42.317 ng/ul
RT: 14.227 min Scan# 1894
Delta R.T. 0.006 min
Lab File: BM036632.D
Acq: 21 Sep 2022 19:24

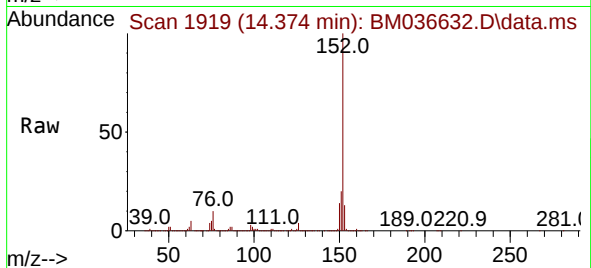
Tgt Ion:165 Resp: 528031
Ion Ratio Lower Upper
165 100
89 59.5 52.8 79.2
121 21.7 19.4 29.0



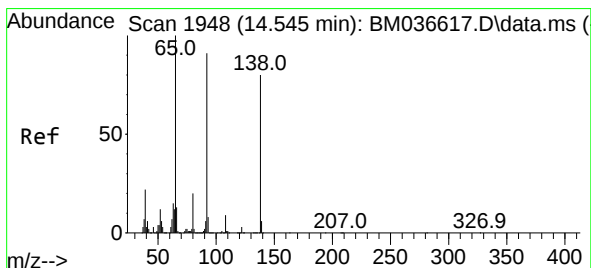
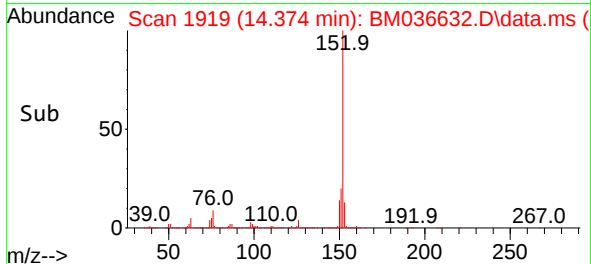
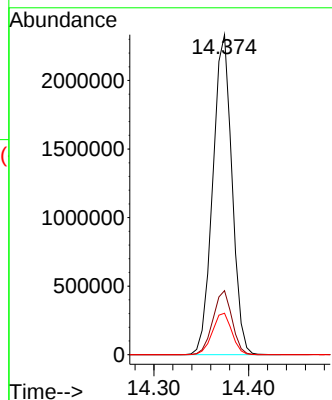


#50
Acenaphthylene
Concen: 33.419 ng/ul
RT: 14.374 min Scan# 1919
Delta R.T. 0.006 min
Lab File: BM036632.D
Acq: 21 Sep 2022 19:24

Instrument :
BNA_M
ClientSampleId :

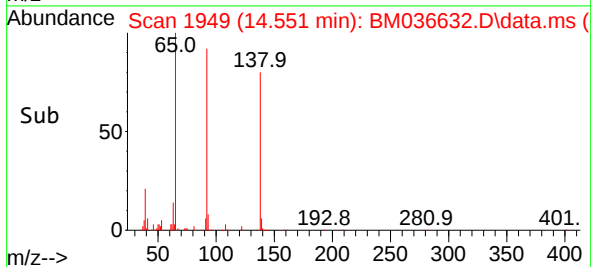
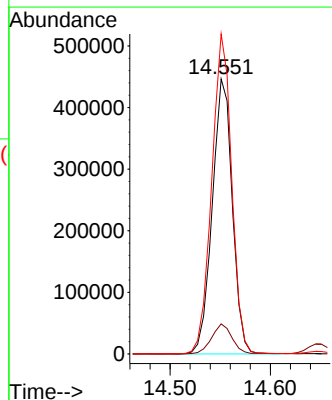
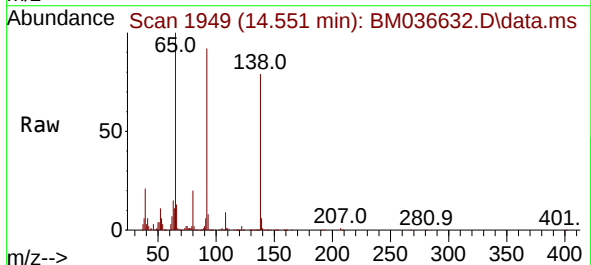


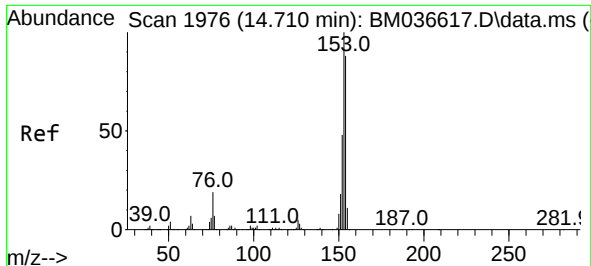
Tgt Ion:152 Resp: 3279095
Ion Ratio Lower Upper
152 100
151 20.0 15.7 23.5
153 13.0 10.5 15.7



#51
3-Nitroaniline
Concen: 41.404 ng/ul
RT: 14.551 min Scan# 1949
Delta R.T. 0.006 min
Lab File: BM036632.D
Acq: 21 Sep 2022 19:24

Tgt Ion:138 Resp: 619630
Ion Ratio Lower Upper
138 100
108 10.9 12.5 18.7#
92 116.3 95.4 143.2

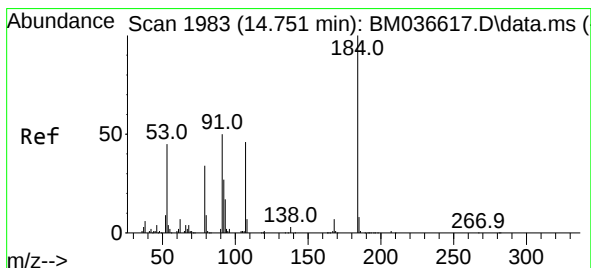
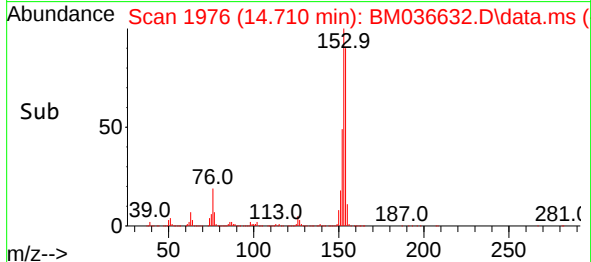
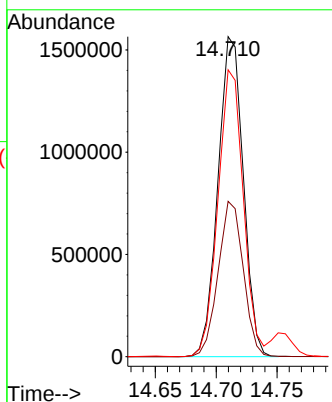
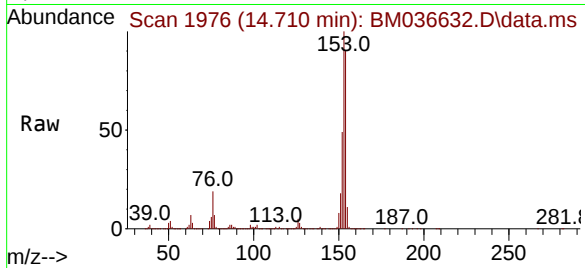




#52
Acenaphthene
Concen: 33.052 ng/ul
RT: 14.710 min Scan# 1976
Delta R.T. -0.000 min
Lab File: BM036632.D
Acq: 21 Sep 2022 19:24

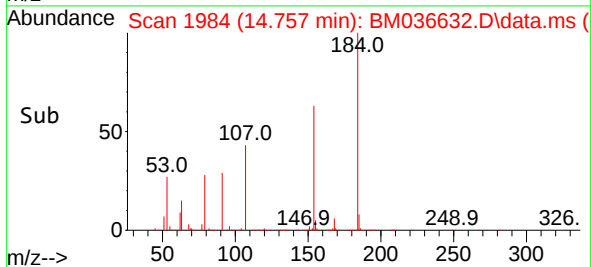
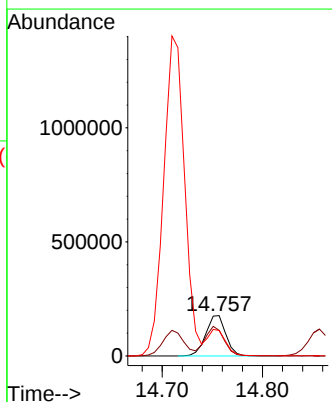
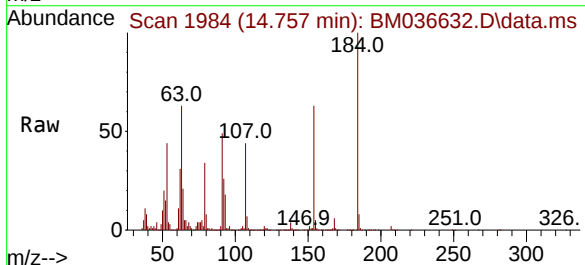
Instrument :
BNA_M
ClientSampleId :

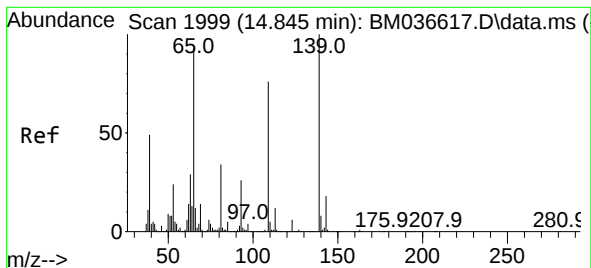
Tgt Ion:153 Resp: 2269204
Ion Ratio Lower Upper
153 100
152 48.6 38.2 57.2
154 89.6 71.0 106.6



#53
2,4-Dinitrophenol
Concen: 44.451 ng/ul
RT: 14.757 min Scan# 1984
Delta R.T. 0.006 min
Lab File: BM036632.D
Acq: 21 Sep 2022 19:24

Tgt Ion:184 Resp: 246117
Ion Ratio Lower Upper
184 100
63 63.4 58.8 88.2
154 63.3 55.0 82.4

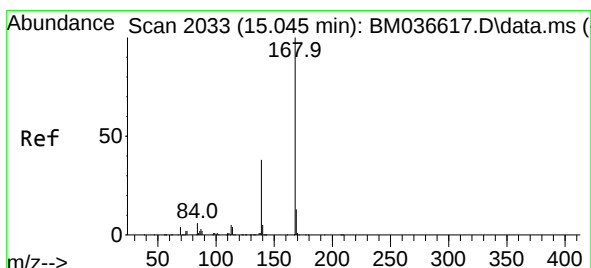
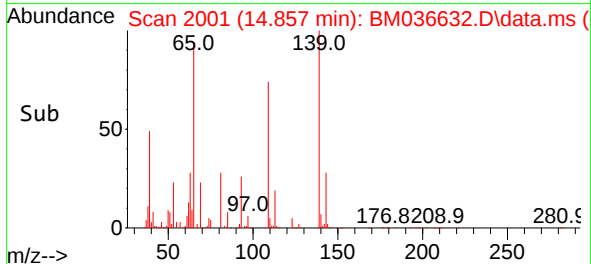
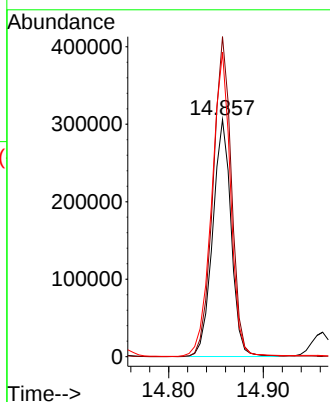
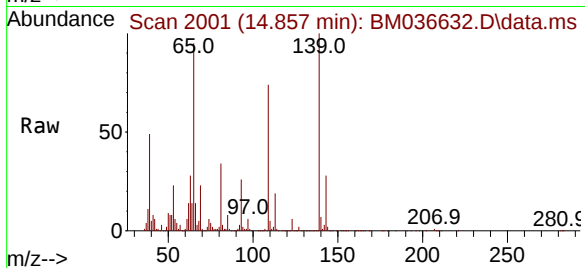




#55
4-Nitrophenol
Concen: 34.387 ng/ul
RT: 14.857 min Scan# 2001
Delta R.T. 0.012 min
Lab File: BM036632.D
Acq: 21 Sep 2022 19:24

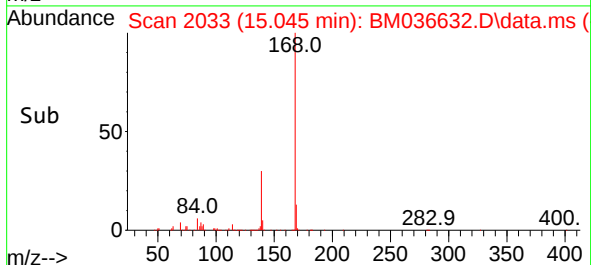
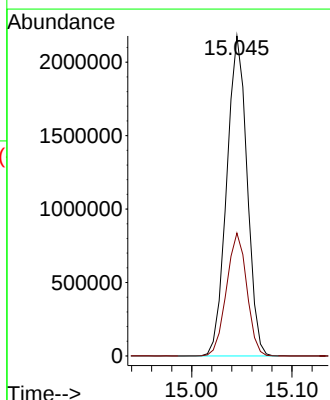
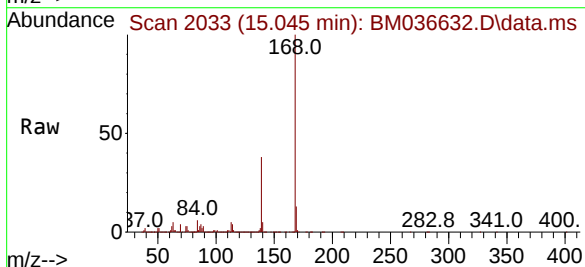
Instrument :
BNA_M
ClientSampleId :

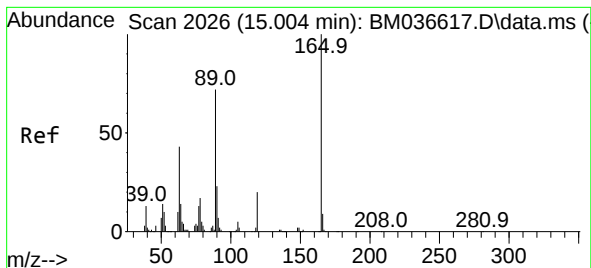
Tgt Ion:109 Resp: 412512
Ion Ratio Lower Upper
109 100
139 134.9 102.2 153.4
65 128.3 105.7 158.5



#56
Dibenzofuran
Concen: 33.320 ng/ul
RT: 15.045 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BM036632.D
Acq: 21 Sep 2022 19:24

Tgt Ion:168 Resp: 3072137
Ion Ratio Lower Upper
168 100
139 38.4 29.7 44.5

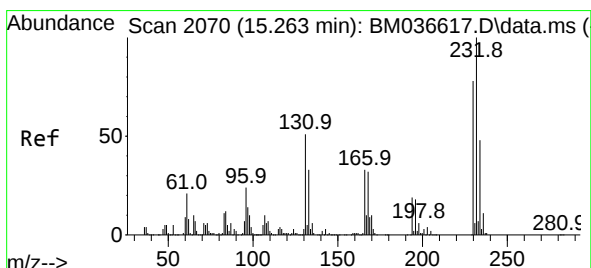
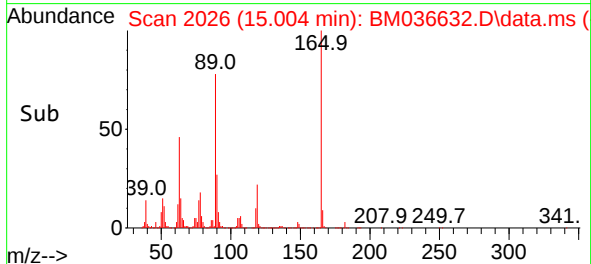
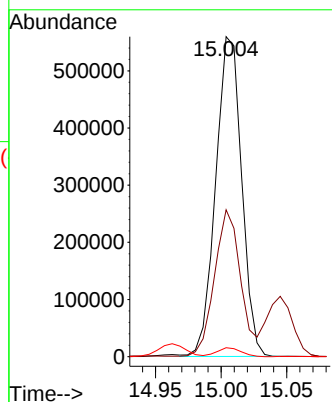
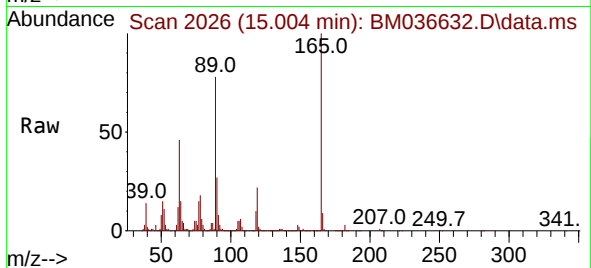




#57
2,4-Dinitrotoluene
Concen: 42.377 ng/ul
RT: 15.004 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BM036632.D
Acq: 21 Sep 2022 19:24

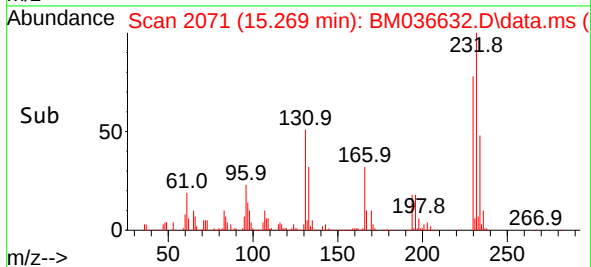
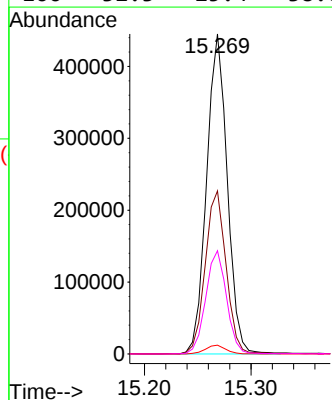
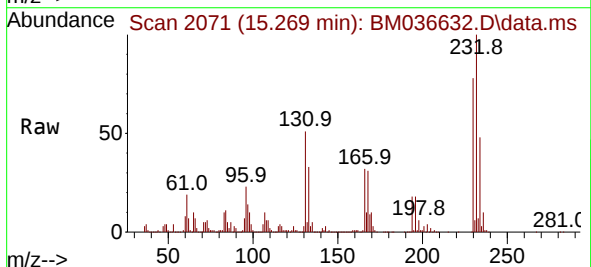
Instrument :
BNA_M
ClientSampleId :

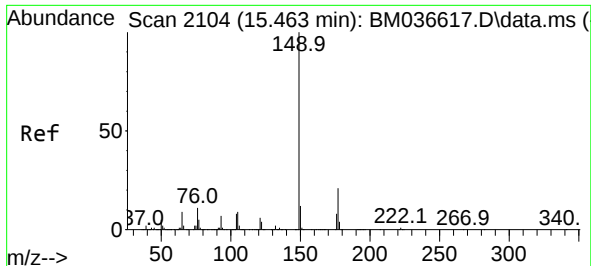
Tgt Ion:165 Resp: 768738
Ion Ratio Lower Upper
165 100
63 45.9 39.7 59.5
182 2.8 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 35.993 ng/ul
RT: 15.269 min Scan# 2071
Delta R.T. 0.006 min
Lab File: BM036632.D
Acq: 21 Sep 2022 19:24

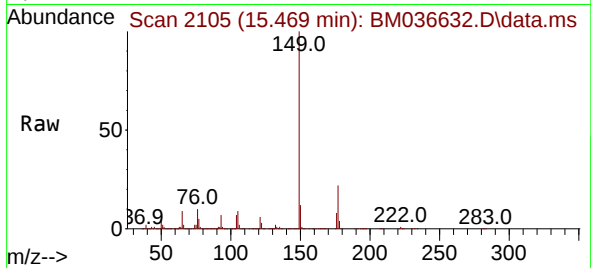
Tgt Ion:232 Resp: 600563
Ion Ratio Lower Upper
232 100
131 51.0 39.1 58.7
130 2.8 1.8 2.6#
166 32.3 25.4 38.0



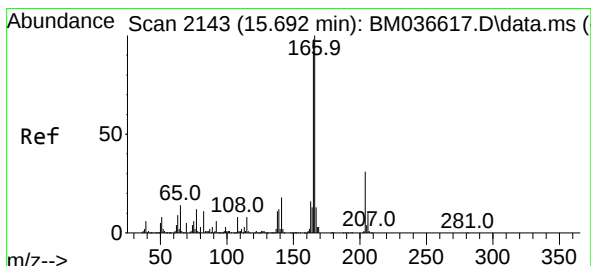
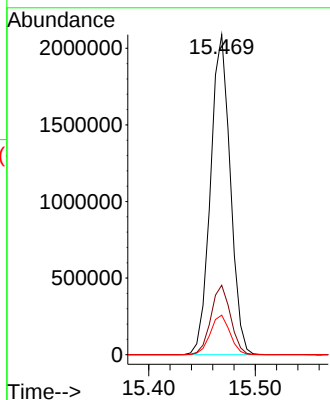
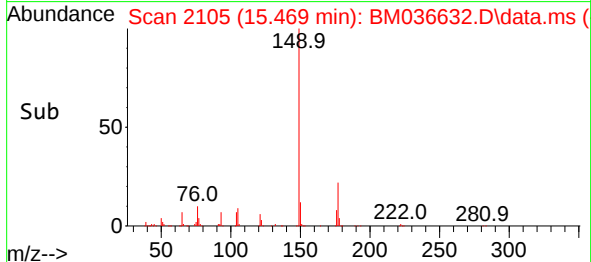


#59
Diethylphthalate
Concen: 35.028 ng/ul
RT: 15.469 min Scan# 2105
Delta R.T. 0.006 min
Lab File: BM036632.D
Acq: 21 Sep 2022 19:24

Instrument :
BNA_M
ClientSampleId :

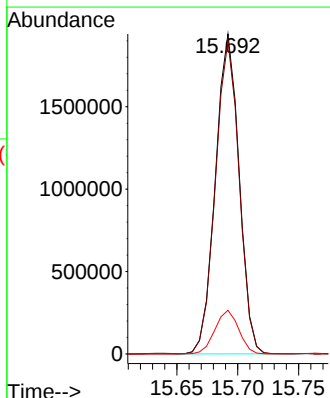
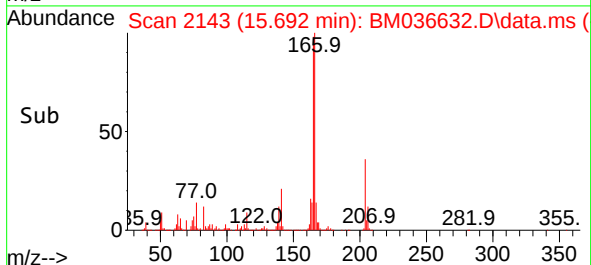
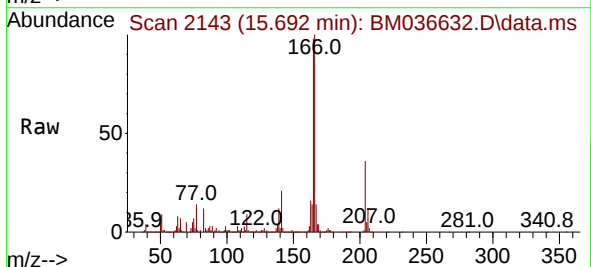


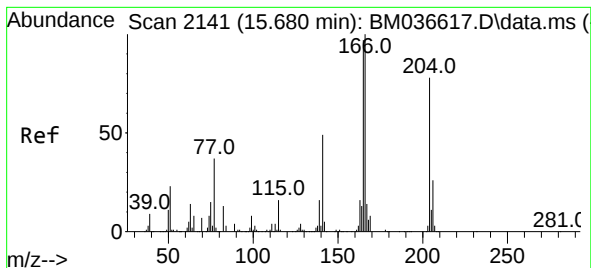
Tgt Ion:149 Resp: 2691214
Ion Ratio Lower Upper
149 100
177 21.7 17.3 25.9
150 12.4 10.1 15.1



#61
Fluorene
Concen: 33.523 ng/ul
RT: 15.692 min Scan# 2143
Delta R.T. -0.000 min
Lab File: BM036632.D
Acq: 21 Sep 2022 19:24

Tgt Ion:166 Resp: 2632514
Ion Ratio Lower Upper
166 100
165 97.8 78.5 117.7
167 13.7 10.4 15.6

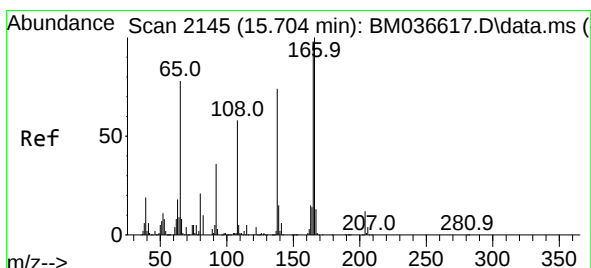
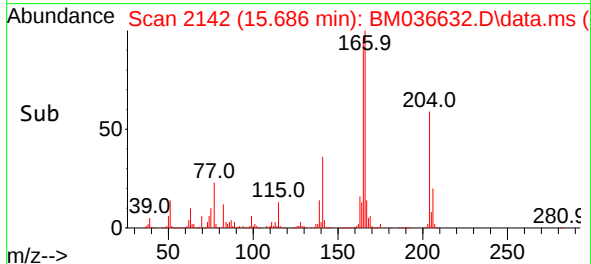
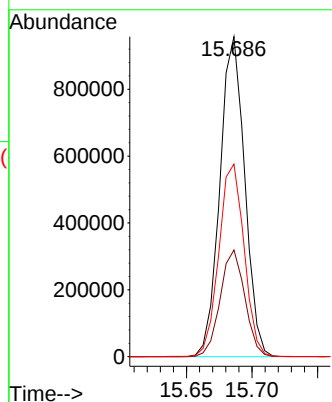
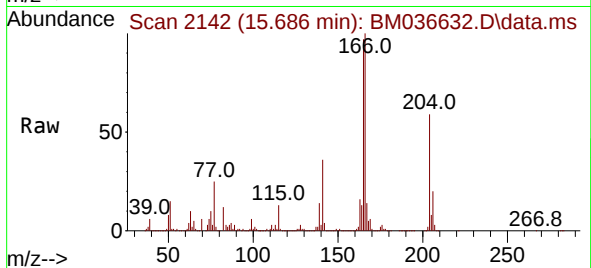




#62
4-Chlorophenyl-phenylether
Concen: 33.524 ng/ul
RT: 15.686 min Scan# 2141
Delta R.T. 0.006 min
Lab File: BM036632.D
Acq: 21 Sep 2022 19:24

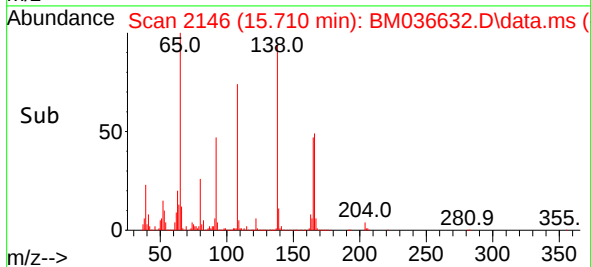
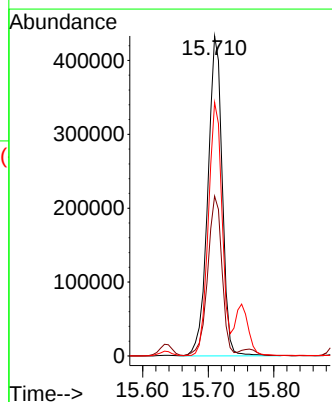
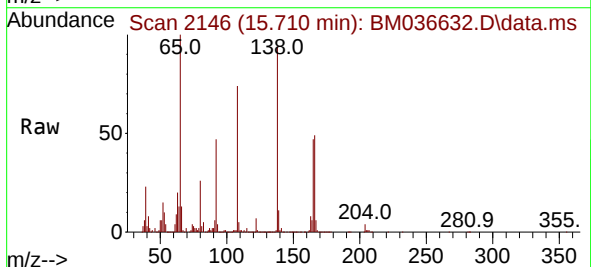
Instrument :
BNA_M
ClientSampleId :

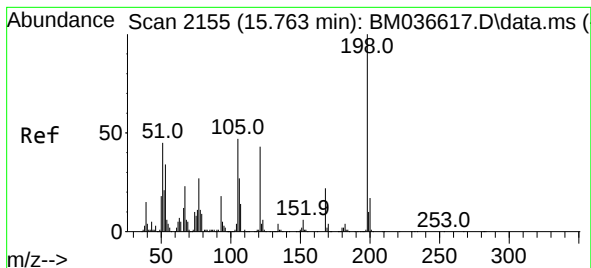
Tgt Ion:204 Resp: 1259022
Ion Ratio Lower Upper
204 100
206 33.3 25.7 38.5
141 60.2 49.4 74.0



#63
4-Nitroaniline
Concen: 45.503 ng/ul
RT: 15.710 min Scan# 2146
Delta R.T. 0.006 min
Lab File: BM036632.D
Acq: 21 Sep 2022 19:24

Tgt Ion:138 Resp: 661629
Ion Ratio Lower Upper
138 100
92 50.0 42.1 63.1
108 79.2 66.2 99.2

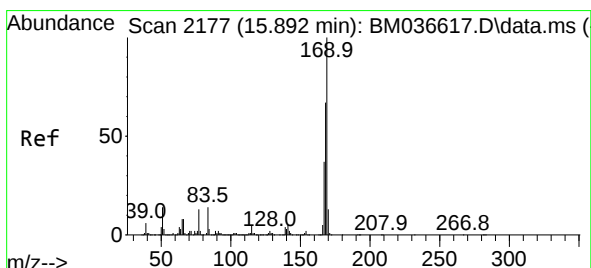
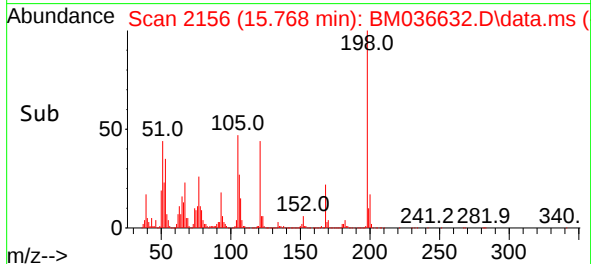
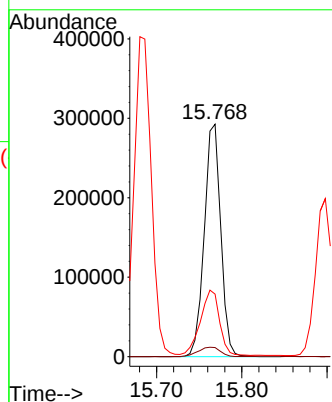
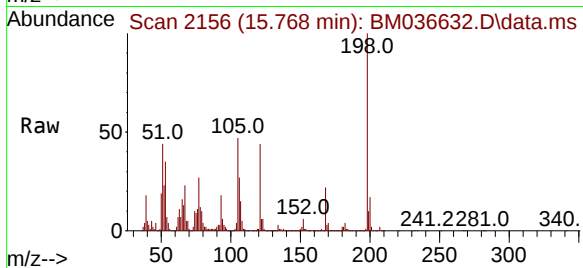




#66
4,6-Dinitro-2-methylphenol
Concen: 40.446 ng/ul
RT: 15.768 min Scan# 2155
Delta R.T. 0.006 min
Lab File: BM036632.D
Acq: 21 Sep 2022 19:24

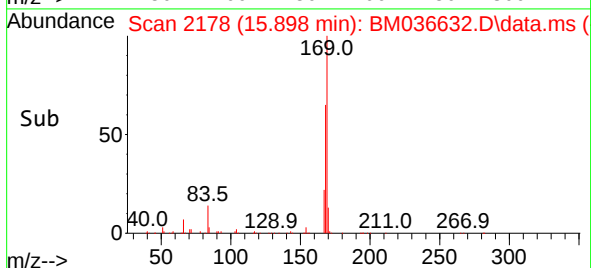
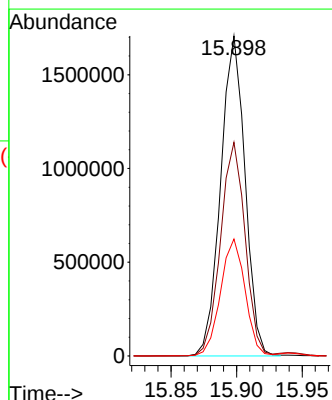
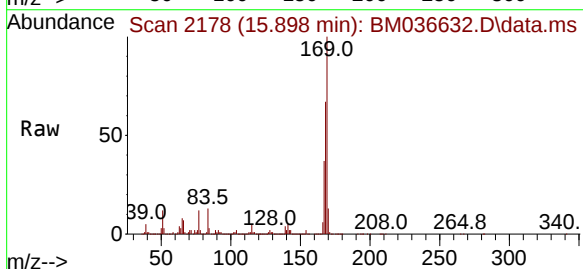
Instrument :
BNA_M
ClientSampleId :

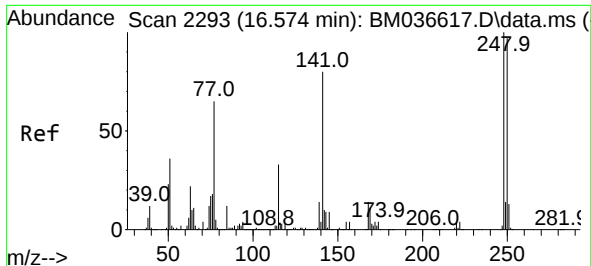
Tgt Ion:198 Resp: 394281
Ion Ratio Lower Upper
198 100
182 4.0 4.2 6.2#
77 26.9 24.0 36.0



#67
N-Nitrosodiphenylamine
Concen: 34.301 ng/ul
RT: 15.898 min Scan# 2178
Delta R.T. 0.006 min
Lab File: BM036632.D
Acq: 21 Sep 2022 19:24

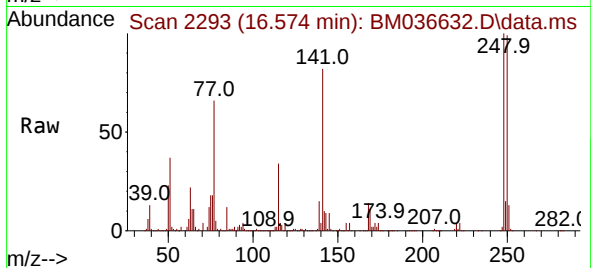
Tgt Ion:169 Resp: 2205843
Ion Ratio Lower Upper
169 100
168 66.7 54.6 81.8
167 36.6 29.6 44.4



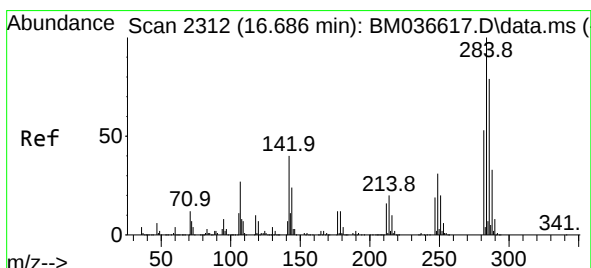
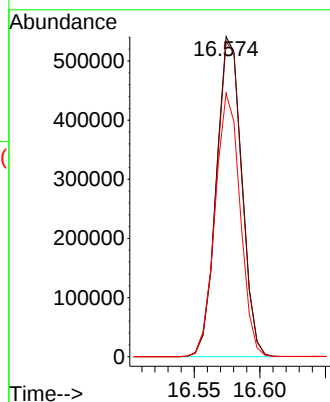
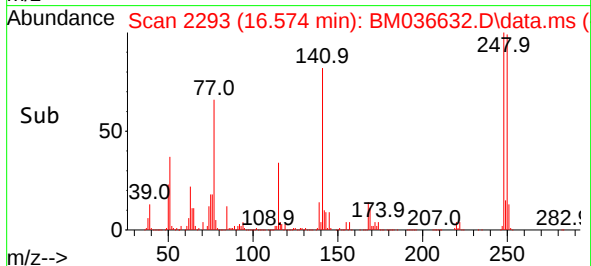


#68
4-Bromophenyl-phenylether
Concen: 33.895 ng/ul
RT: 16.574 min Scan# 2293
Delta R.T. -0.000 min
Lab File: BM036632.D
Acq: 21 Sep 2022 19:24

Instrument :
BNA_M
ClientSampleId :

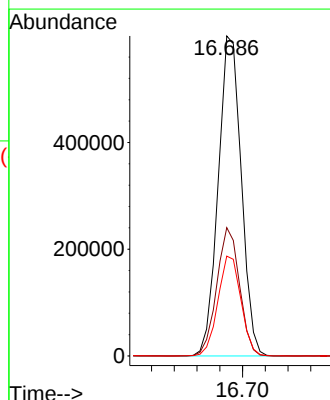
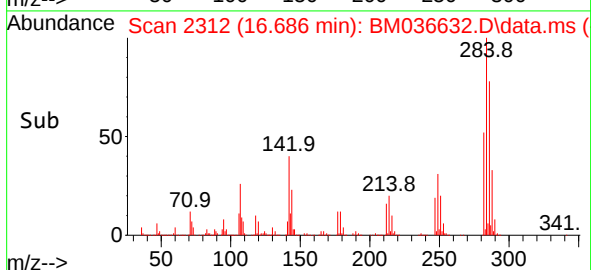
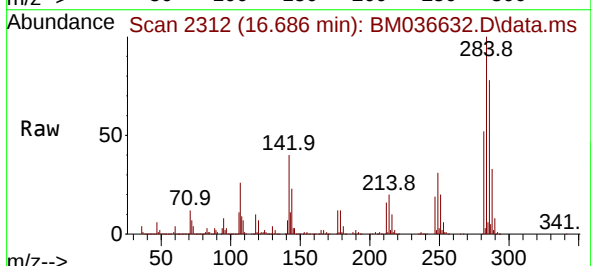


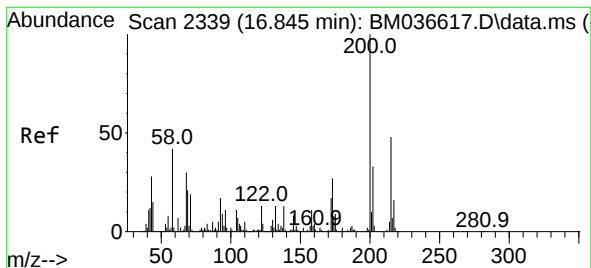
Tgt Ion:248 Resp: 729462
Ion Ratio Lower Upper
248 100
250 98.6 78.9 118.3
141 82.4 65.7 98.5



#69
Hexachlorobenzene
Concen: 33.280 ng/ul
RT: 16.686 min Scan# 2312
Delta R.T. -0.000 min
Lab File: BM036632.D
Acq: 21 Sep 2022 19:24

Tgt Ion:284 Resp: 847123
Ion Ratio Lower Upper
284 100
142 40.1 30.8 46.2
249 31.2 24.2 36.2





#70

Atrazine

Concen: 17.165 ng/ul

RT: 16.845 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM036632.D

Acq: 21 Sep 2022 19:24

Instrument :

BNA_M

ClientSampleId :

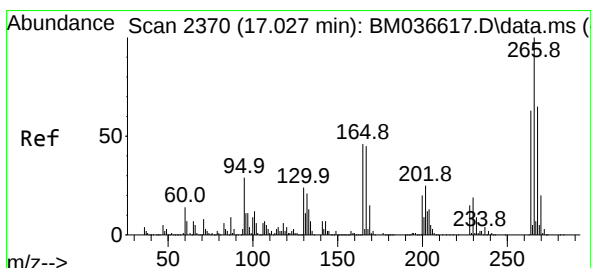
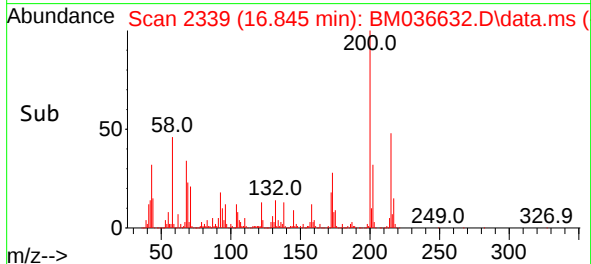
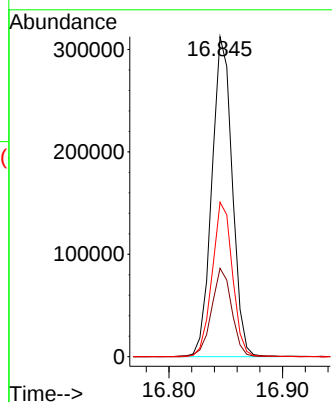
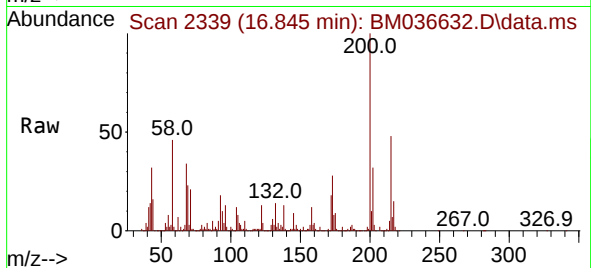
Tgt Ion:200 Resp: 389539

Ion Ratio Lower Upper

200 100

173 27.6 21.8 32.6

215 48.2 39.4 59.2



#71

Pentachlorophenol

Concen: 32.393 ng/ul

RT: 17.033 min Scan# 2371

Delta R.T. 0.006 min

Lab File: BM036632.D

Acq: 21 Sep 2022 19:24

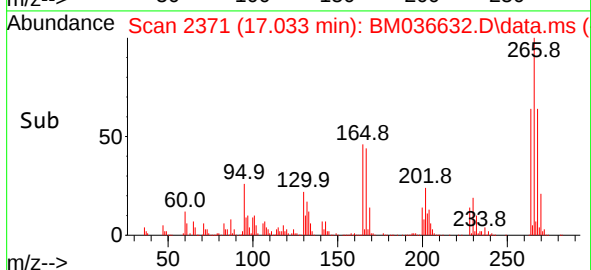
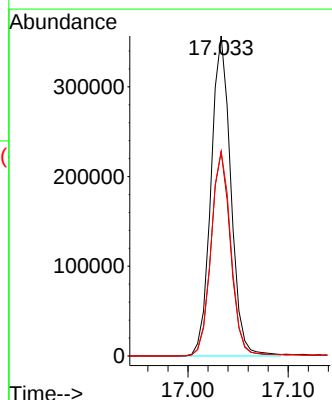
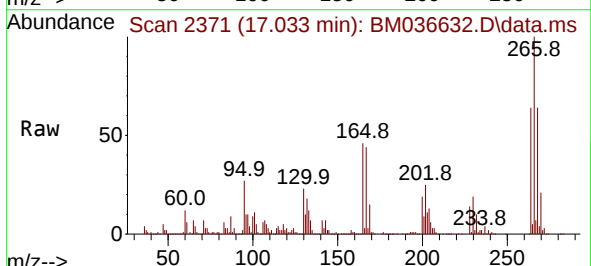
Tgt Ion:266 Resp: 489786

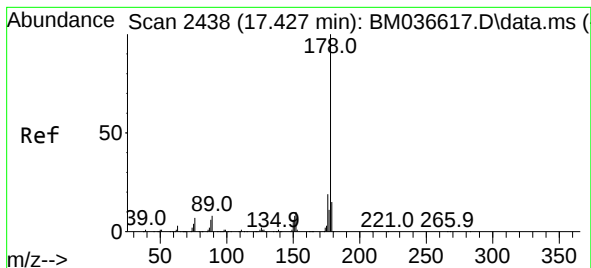
Ion Ratio Lower Upper

266 100

264 63.7 49.7 74.5

268 63.9 51.8 77.6





#72

Phenanthrene

Concen: 33.894 ng/ul

RT: 17.427 min Scan# 2438

Delta R.T. -0.000 min

Lab File: BM036632.D

Acq: 21 Sep 2022 19:24

Instrument :

BNA_M

ClientSampleId :

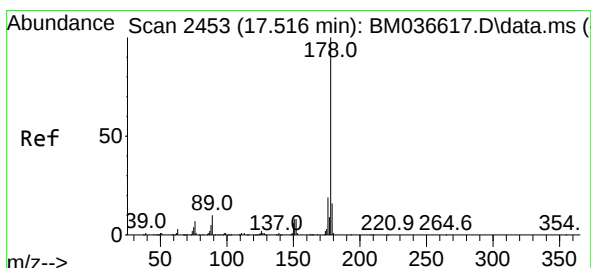
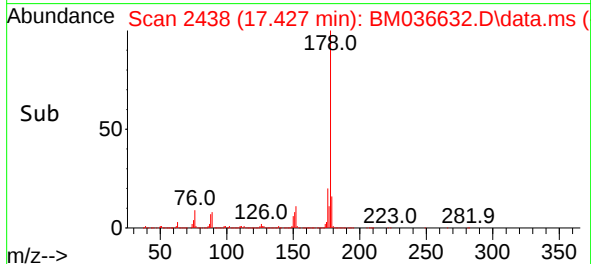
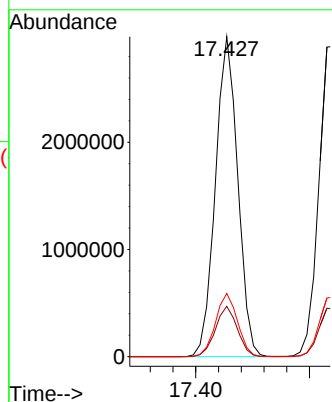
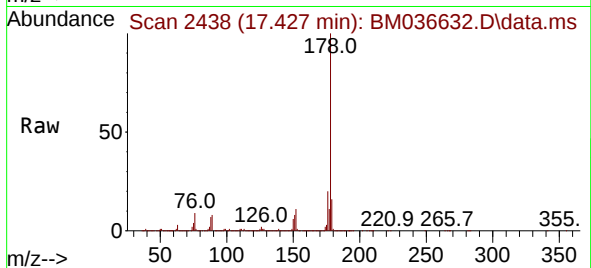
Tgt Ion:178 Resp: 4076353

Ion Ratio Lower Upper

178 100

179 15.8 12.2 18.2

176 19.8 15.7 23.5



#74

Anthracene

Concen: 33.806 ng/ul

RT: 17.521 min Scan# 2454

Delta R.T. 0.006 min

Lab File: BM036632.D

Acq: 21 Sep 2022 19:24

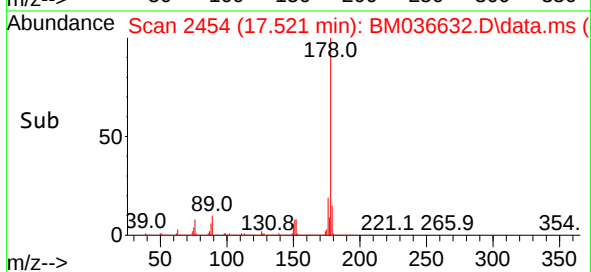
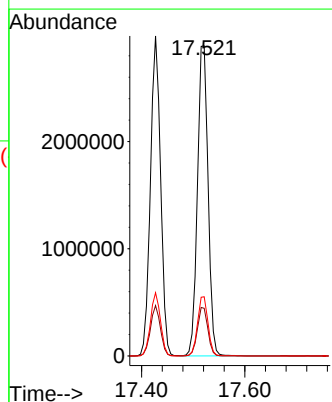
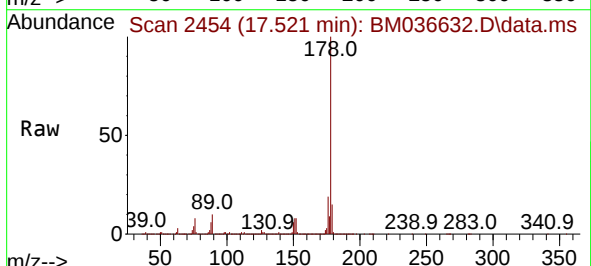
Tgt Ion:178 Resp: 4132641

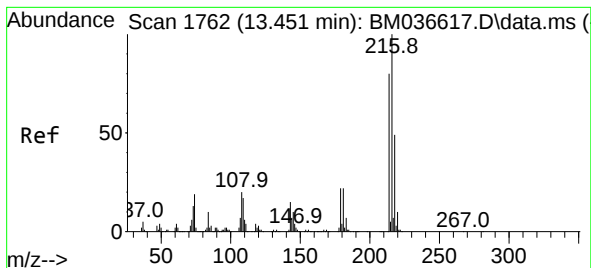
Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

176 19.1 15.0 22.6

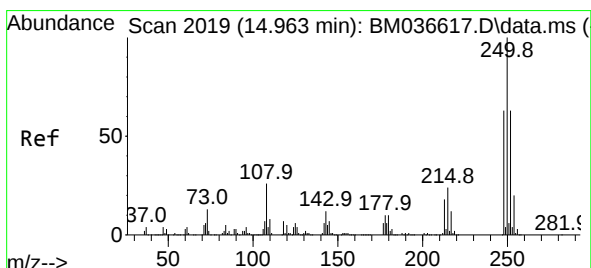
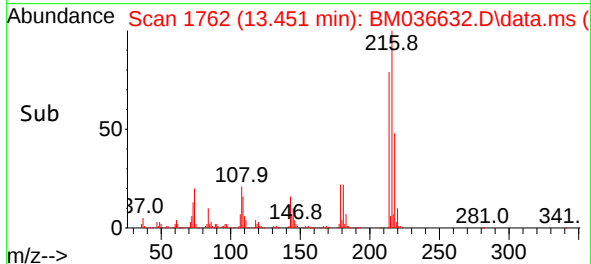
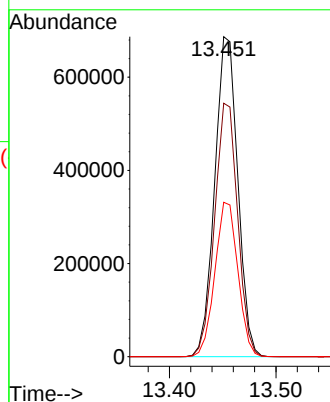
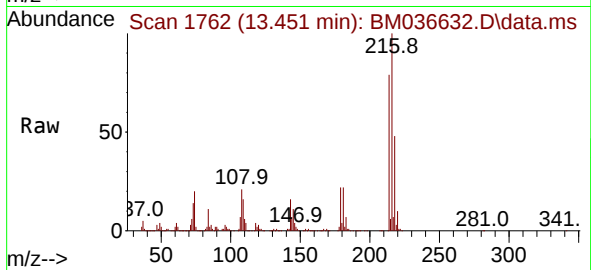




#75
1,2,3,4-Tetrachlorobenzene
Concen: 34.619 ng/uL
RT: 13.451 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM036632.D
Acq: 21 Sep 2022 19:24

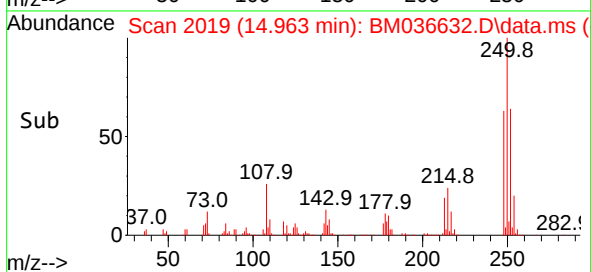
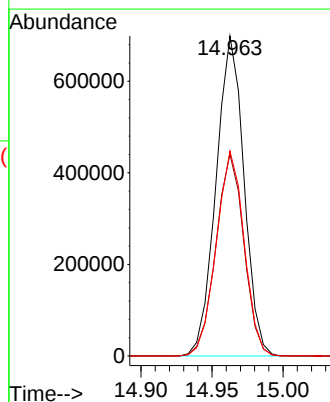
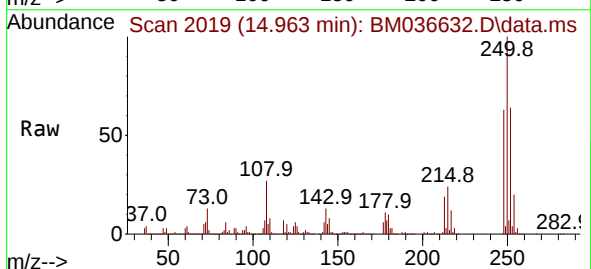
Instrument :
BNA_M
ClientSampleId :

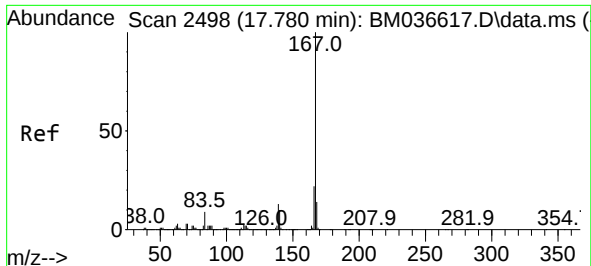
Tgt Ion:216 Resp: 1033845
Ion Ratio Lower Upper
216 100
214 79.2 62.6 94.0
218 48.3 38.2 57.2



#76
Pentachlorobenzene
Concen: 29.559 ng/uL
RT: 14.963 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BM036632.D
Acq: 21 Sep 2022 19:24

Tgt Ion:250 Resp: 954760
Ion Ratio Lower Upper
250 100
248 63.0 50.2 75.2
252 64.0 50.5 75.7

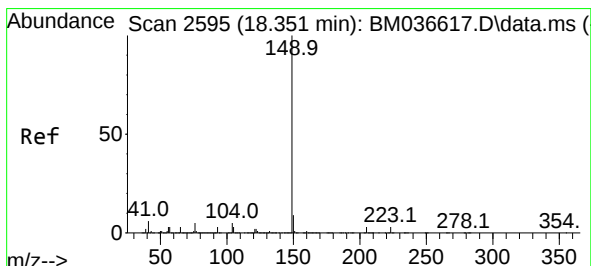
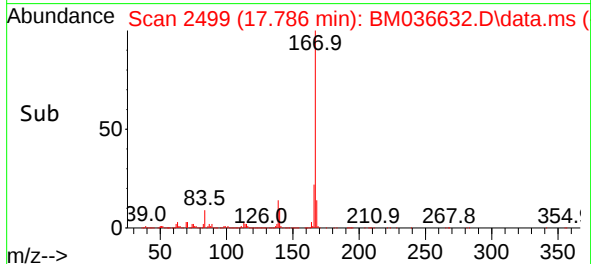
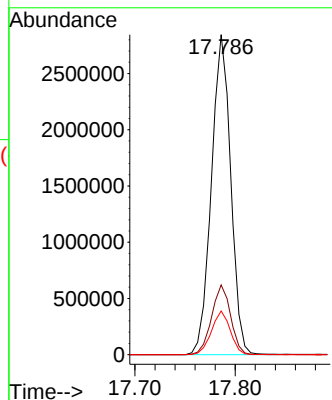
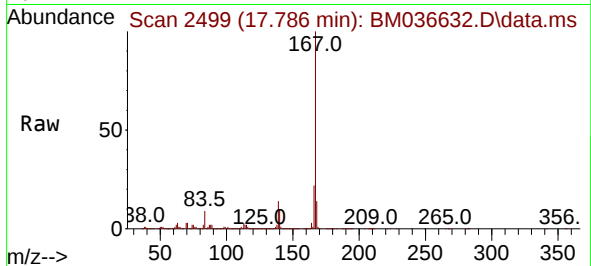




#77
 Carbazole
 Concen: 33.624 ng/ul
 RT: 17.786 min Scan# 2499
 Delta R.T. 0.006 min
 Lab File: BM036632.D
 Acq: 21 Sep 2022 19:24

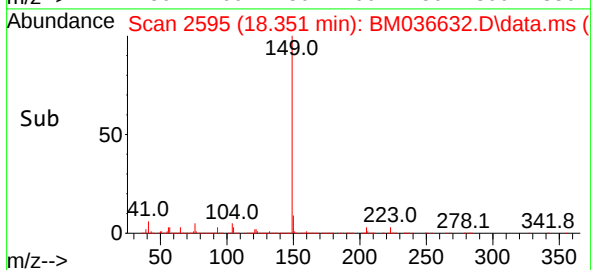
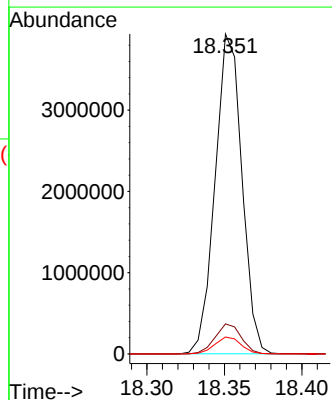
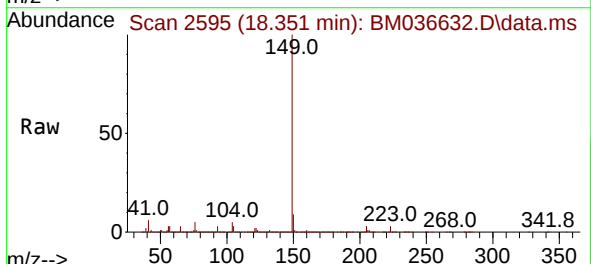
Instrument :
 BNA_M
 ClientSampleId :

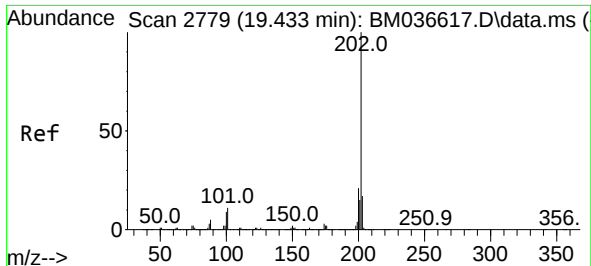
Tgt Ion:167 Resp: 3805528
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 13.6 10.6 15.8



#78
 Di-n-butylphthalate
 Concen: 36.873 ng/ul
 RT: 18.351 min Scan# 2595
 Delta R.T. -0.000 min
 Lab File: BM036632.D
 Acq: 21 Sep 2022 19:24

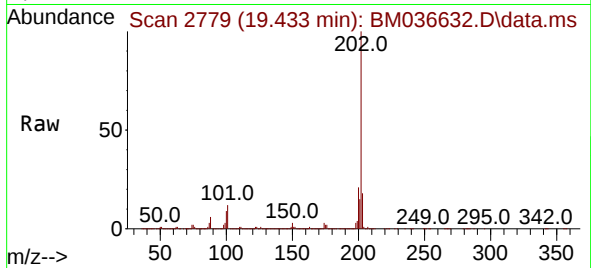
Tgt Ion:149 Resp: 4730134
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.2 10.8
 104 5.3 4.3 6.5



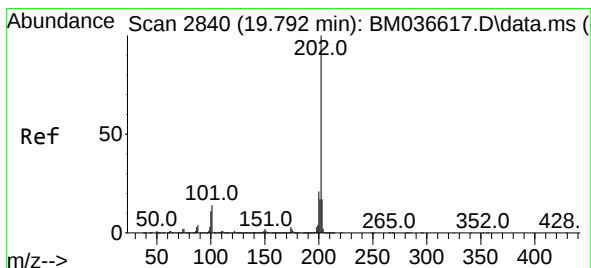
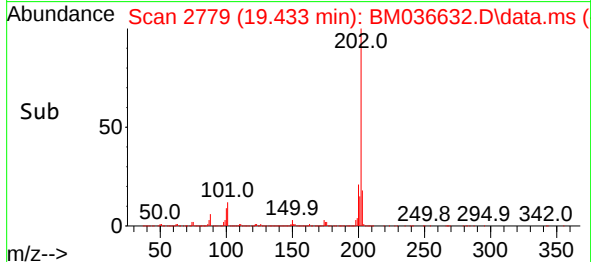
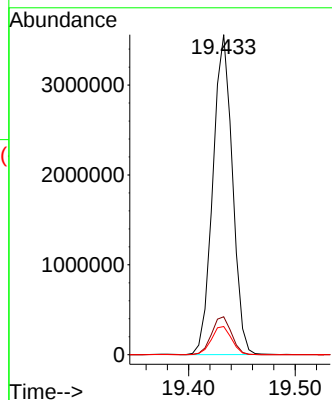


#80
Fluoranthene
Concen: 39.963 ng/ul
RT: 19.433 min Scan# 2779
Delta R.T. -0.000 min
Lab File: BM036632.D
Acq: 21 Sep 2022 19:24

Instrument :
BNA_M
ClientSampleId :

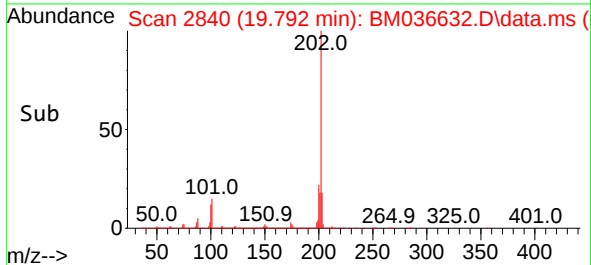
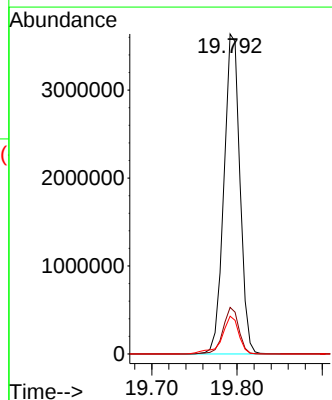
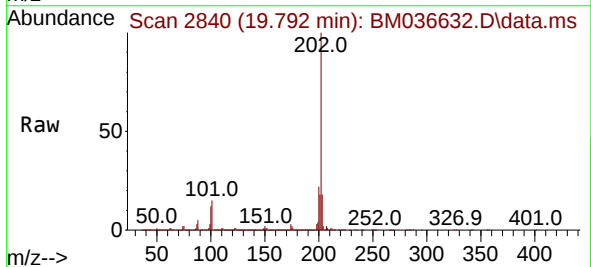


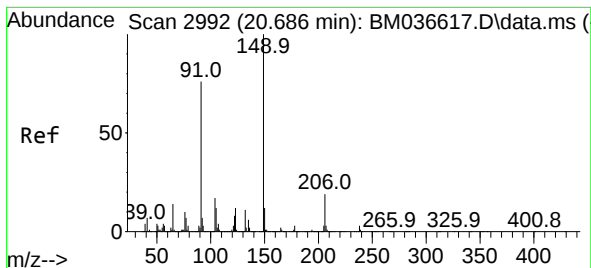
Tgt Ion:202 Resp: 4542692
Ion Ratio Lower Upper
202 100
101 11.8 9.8 14.6
100 8.8 7.4 11.2



#82
Pyrene
Concen: 39.308 ng/ul
RT: 19.792 min Scan# 2840
Delta R.T. -0.000 min
Lab File: BM036632.D
Acq: 21 Sep 2022 19:24

Tgt Ion:202 Resp: 4729653
Ion Ratio Lower Upper
202 100
101 14.5 10.9 16.3
100 11.8 8.7 13.1





#83

Butylbenzylphthalate

Concen: 44.567 ng/ul

RT: 20.686 min Scan# 2992

Delta R.T. -0.000 min

Lab File: BM036632.D

Acq: 21 Sep 2022 19:24

Instrument :

BNA_M

ClientSampleId :

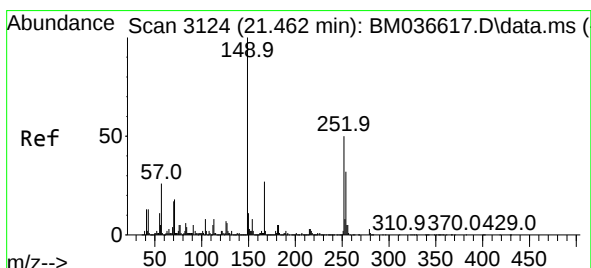
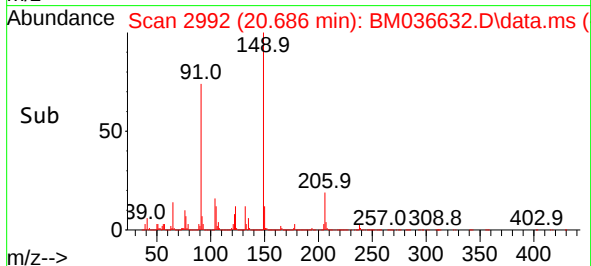
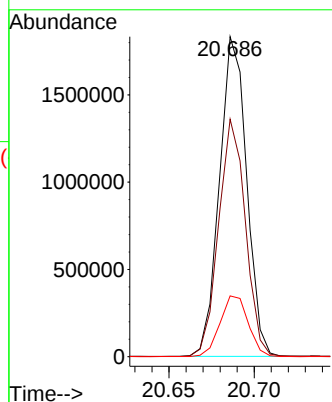
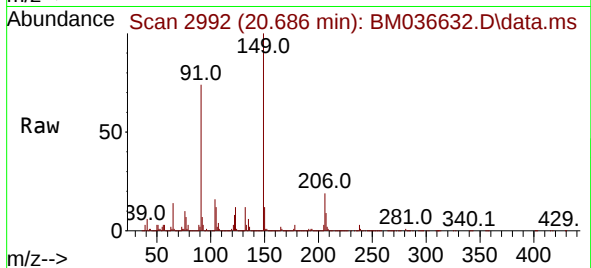
Tgt Ion:149 Resp: 2031962

Ion Ratio Lower Upper

149 100

91 74.2 55.2 82.8

206 19.0 16.2 24.2



#84

3,3'-Dichlorobenzidine

Concen: 38.391 ng/ul

RT: 21.462 min Scan# 3124

Delta R.T. -0.000 min

Lab File: BM036632.D

Acq: 21 Sep 2022 19:24

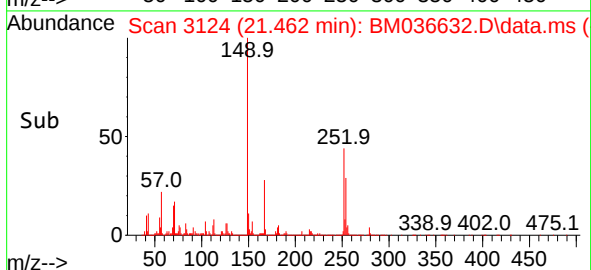
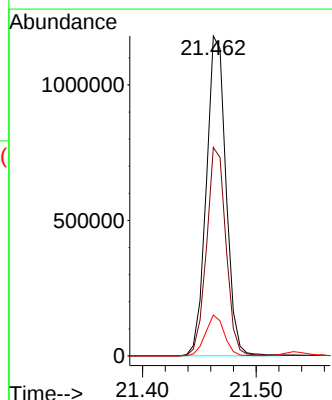
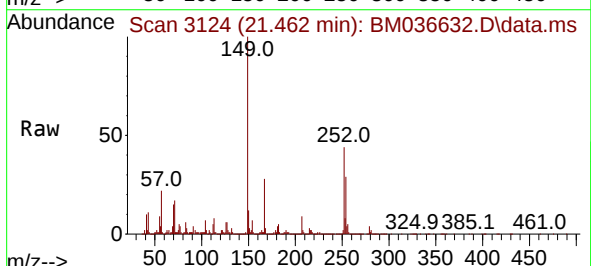
Tgt Ion:252 Resp: 1414427

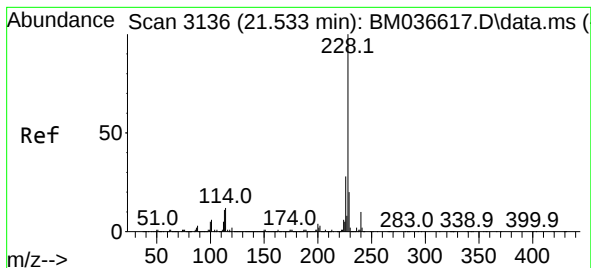
Ion Ratio Lower Upper

252 100

254 65.2 53.0 79.4

126 12.8 10.4 15.6





#85

Benzo(a)anthracene

Concen: 35.335 ng/ul

RT: 21.533 min Scan# 3136

Delta R.T. -0.000 min

Lab File: BM036632.D

Acq: 21 Sep 2022 19:24

Instrument :

BNA_M

ClientSampleId :

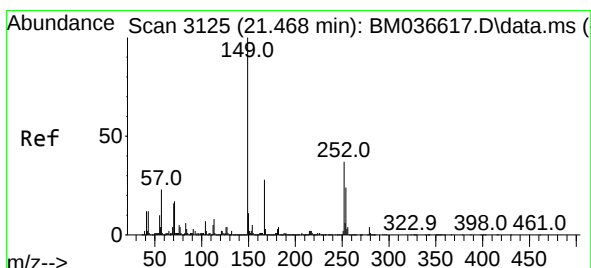
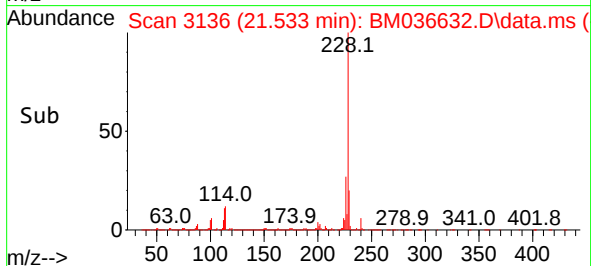
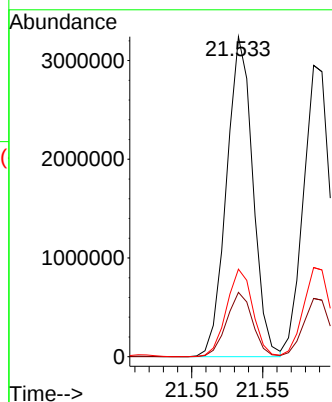
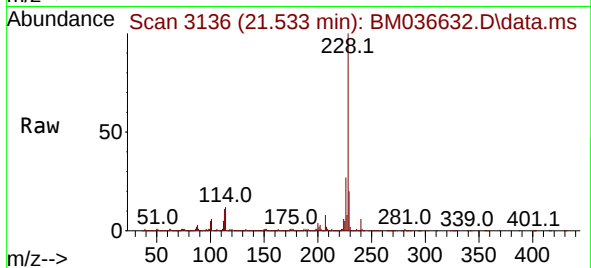
Tgt Ion:228 Resp: 4174445

Ion Ratio Lower Upper

228 100

229 20.1 15.8 23.8

226 27.4 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 45.574 ng/ul

RT: 21.462 min Scan# 3124

Delta R.T. -0.006 min

Lab File: BM036632.D

Acq: 21 Sep 2022 19:24

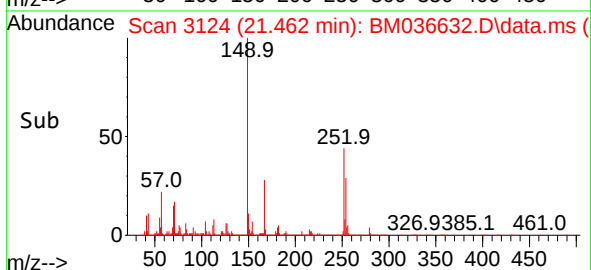
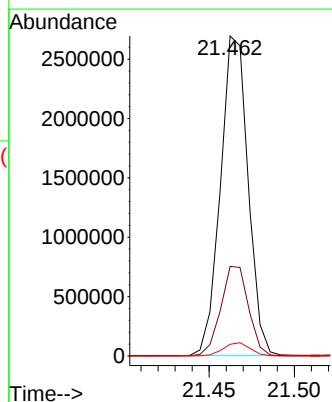
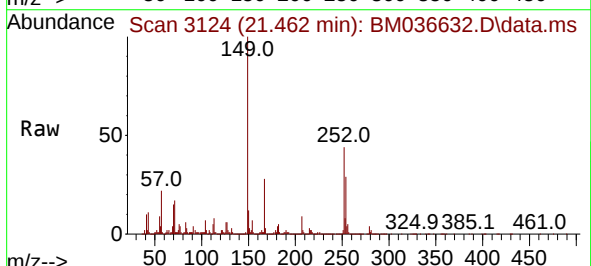
Tgt Ion:149 Resp: 3035324

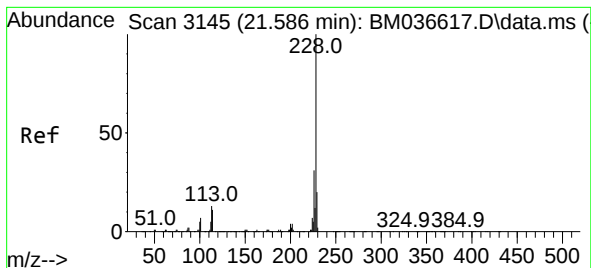
Ion Ratio Lower Upper

149 100

167 28.0 22.0 33.0

279 3.7 3.3 4.9





#87

Chrysene

Concen: 34.408 ng/ul

RT: 21.586 min Scan# 3145

Delta R.T. -0.000 min

Lab File: BM036632.D

Acq: 21 Sep 2022 19:24

Instrument :

BNA_M

ClientSampleId :

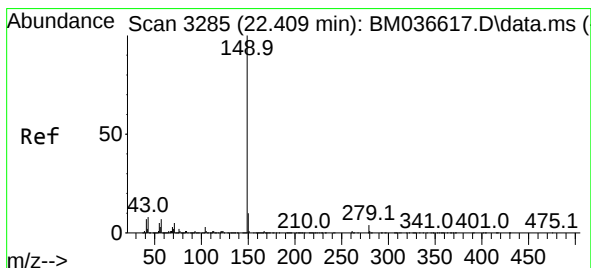
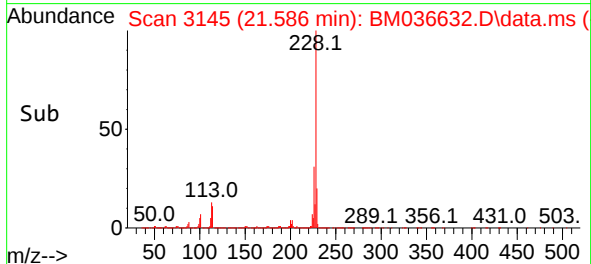
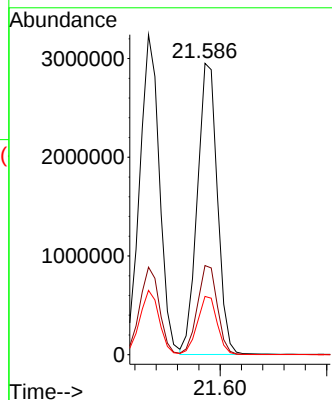
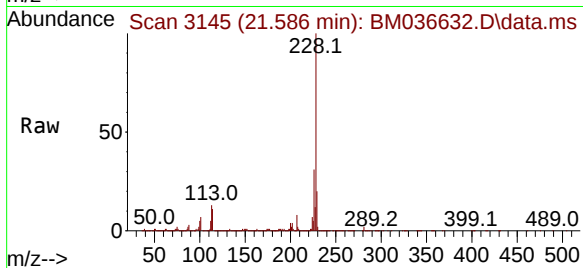
Tgt Ion:228 Resp: 3858395

Ion Ratio Lower Upper

228 100

226 30.6 24.4 36.6

229 20.0 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 51.505 ng/ul

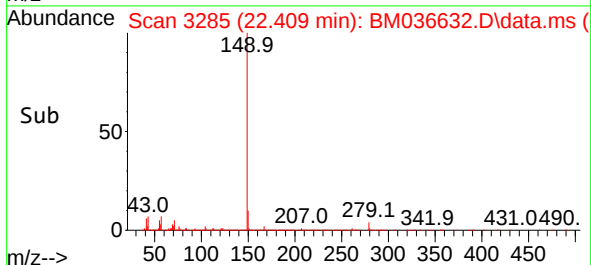
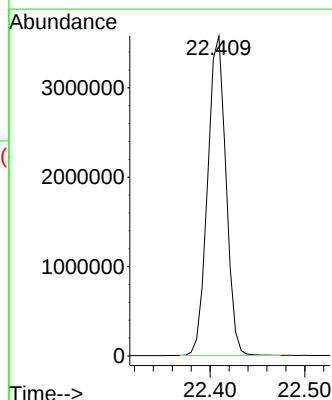
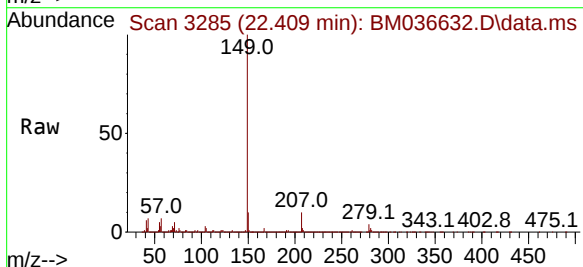
RT: 22.409 min Scan# 3285

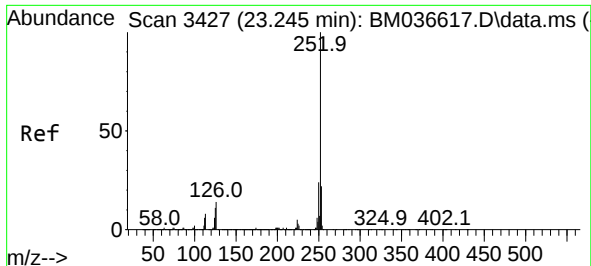
Delta R.T. -0.000 min

Lab File: BM036632.D

Acq: 21 Sep 2022 19:24

Tgt Ion:149 Resp: 4794561

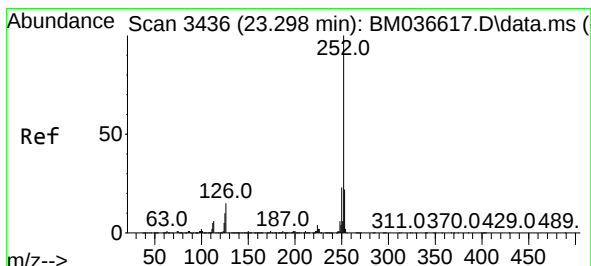
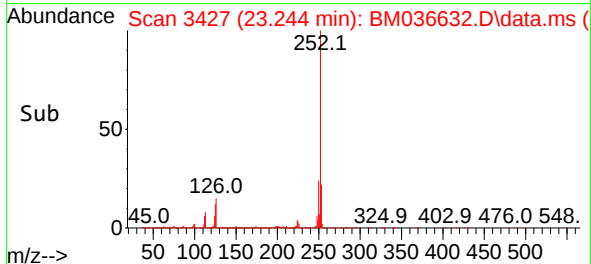
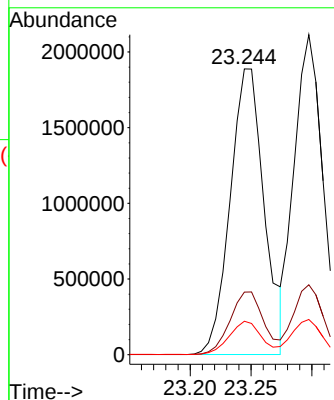
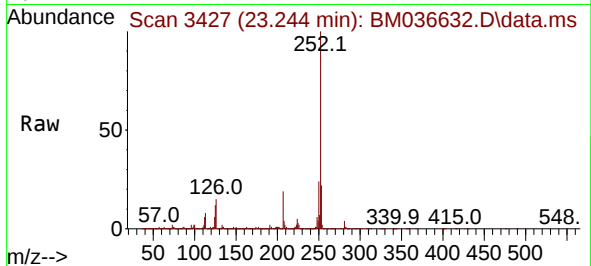




#90
Benzo(b)fluoranthene
Concen: 37.478 ng/ul
RT: 23.244 min Scan# 3427
Delta R.T. -0.000 min
Lab File: BM036632.D
Acq: 21 Sep 2022 19:24

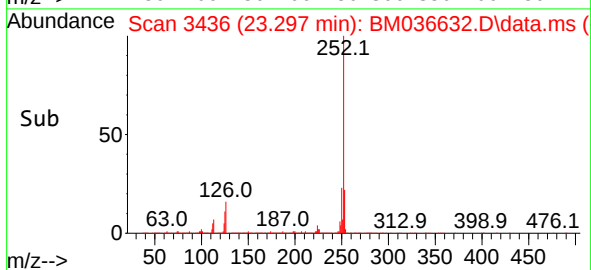
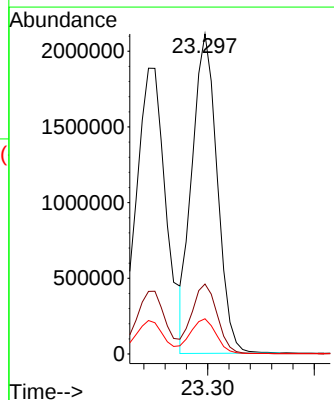
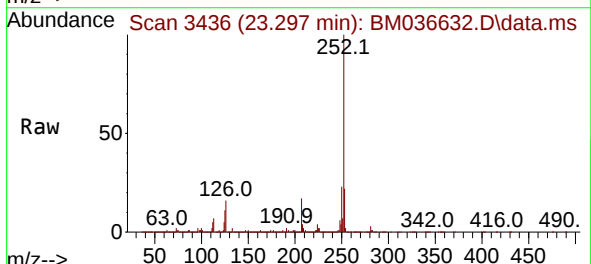
Instrument :
BNA_M
ClientSampleId :

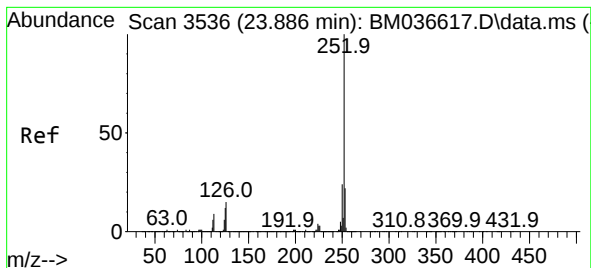
Tgt Ion:252 Resp: 3669740
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 11.7 9.1 13.7



#91
Benzo(k)fluoranthene
Concen: 35.301 ng/ul
RT: 23.297 min Scan# 3436
Delta R.T. -0.000 min
Lab File: BM036632.D
Acq: 21 Sep 2022 19:24

Tgt Ion:252 Resp: 3453872
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 11.0 8.2 12.4





#93

Benzo(a)pyrene

Concen: 35.575 ng/ul

RT: 23.886 min Scan# 3536

Delta R.T. -0.000 min

Lab File: BM036632.D

Acq: 21 Sep 2022 19:24

Instrument :

BNA_M

ClientSampleId :

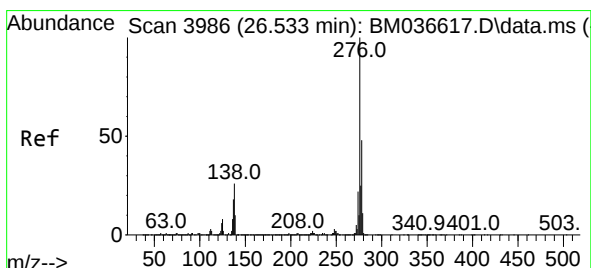
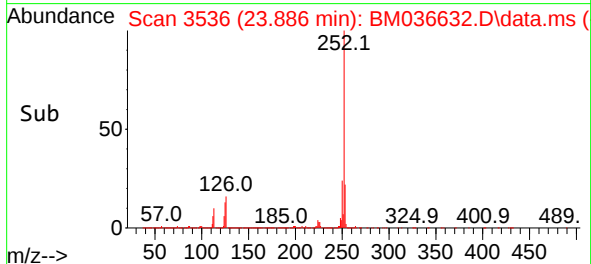
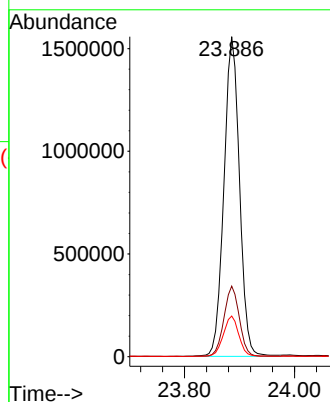
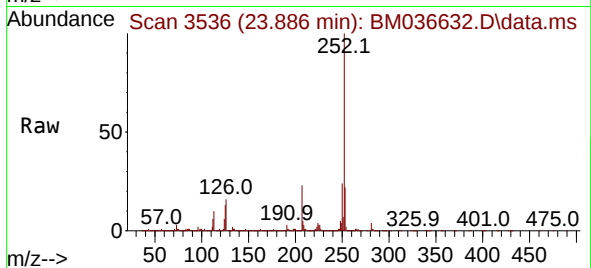
Tgt Ion:252 Resp: 3062244

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 12.7 9.5 14.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 33.365 ng/ul

RT: 26.544 min Scan# 3988

Delta R.T. 0.012 min

Lab File: BM036632.D

Acq: 21 Sep 2022 19:24

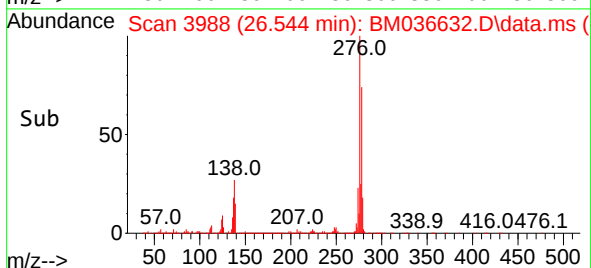
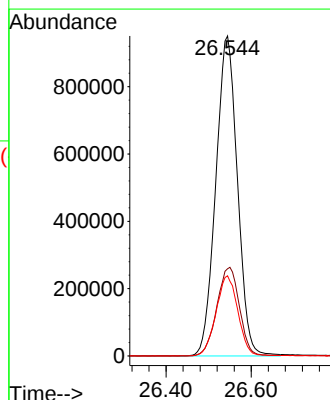
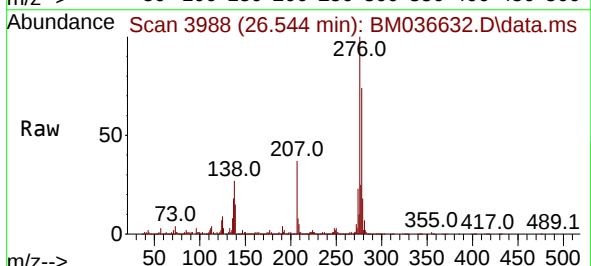
Tgt Ion:276 Resp: 3353883

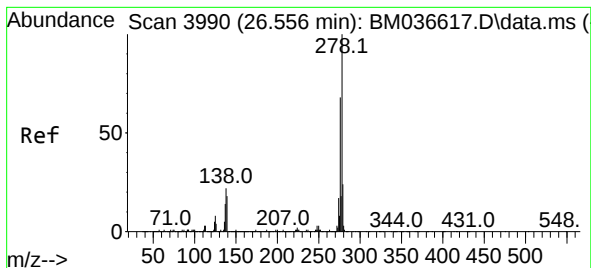
Ion Ratio Lower Upper

276 100

138 27.2 20.2 30.4

277 25.1 19.7 29.5





#95

Dibenzo(a,h)anthracene

Concen: 33.791 ng/ul

RT: 26.562 min Scan# 3990

Delta R.T. 0.006 min

Lab File: BM036632.D

Acq: 21 Sep 2022 19:24

Instrument :

BNA_M

ClientSampleId :

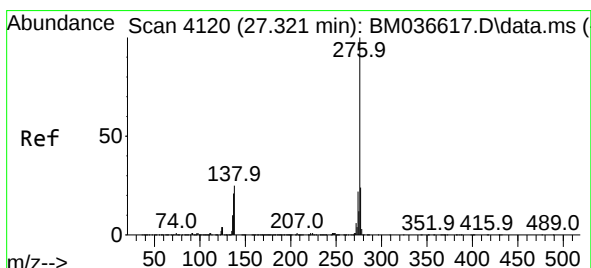
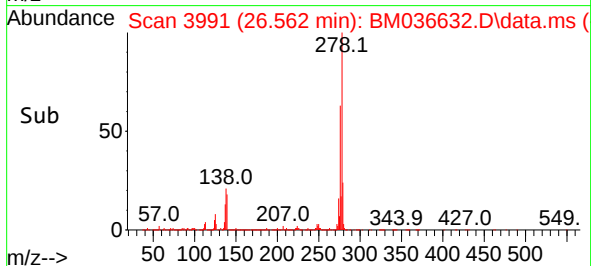
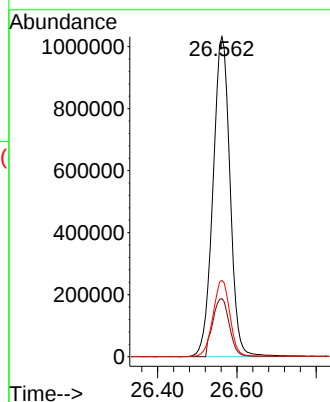
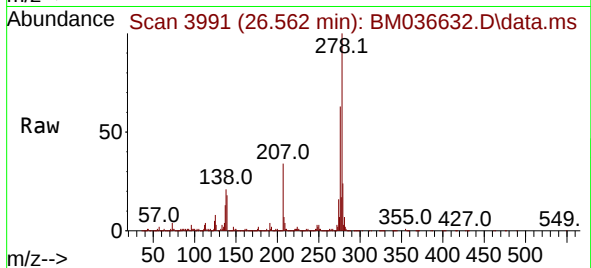
Tgt Ion:278 Resp: 3080452

Ion Ratio Lower Upper

278 100

139 18.1 14.5 21.7

279 23.9 19.7 29.5



#96

Benzo(g,h,i)perylene

Concen: 33.231 ng/ul

RT: 27.321 min Scan# 4120

Delta R.T. -0.000 min

Lab File: BM036632.D

Acq: 21 Sep 2022 19:24

Tgt Ion:276 Resp: 2895854

Ion Ratio Lower Upper

276 100

138 24.2 18.7 28.1

277 24.0 19.2 28.8

