

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082222\
 Data File : BM036368.D
 Acq On : 22 Aug 2022 16:15
 Operator : CG/JU
 Sample : PB147152BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 23 01:02:51 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	240903	20.000	ng/u1	0.00
20) Naphthalene-d8	10.592	136	1042466	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.439	164	568218	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.180	188	995526	20.000	ng/u1	0.00
79) Chrysene-d12	21.362	240	866493	20.000	ng/u1	0.00
88) Perylene-d12	23.692	264	858475	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	37909	5.997	ng/uL	0.00
4) Pyridine-d5	3.628	84	527754	30.276	ng/u1	0.00
7) Phenol-d5	6.975	99	715201	34.781	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	468369	36.186	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	569845	35.270	ng/u1	0.00
15) 4-Methylphenol-d8	8.522	113	545844	35.551	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	283040	35.810	ng/u1	0.00
24) 2-Nitrophenol-d4	9.687	143	278905	34.788	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	509520	35.568	ng/u1	0.00
31) 4-Chloroaniline-d4	10.745	131	718062	32.334	ng/u1	0.00
46) Dimethylphthalate-d6	13.857	166	1319505	36.706	ng/u1	0.00
49) Acenaphthylene-d8	14.133	160	1639281	36.562	ng/u1	0.00
54) 4-Nitrophenol-d4	14.663	143	218085	32.017	ng/u1	0.00
60) Fluorene-d10	15.427	176	1145883	35.276	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	171021	33.415	ng/u1	0.00
73) Anthracene-d10	17.280	188	1627666	36.770	ng/u1	0.00
81) Pyrene-d10	19.574	212	1709081	38.023	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.539	264	1606792	38.175	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	84296	12.661	ng/uL	98
5) Pyridine	3.652	79	536420	29.789	ng/u1	90
6) Benzaldehyde	6.940	77	294255	34.837	ng/u1	91
8) Phenol	6.999	94	769897	36.011	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.228	93	617524	36.113	ng/u1	99
12) 2-Chlorophenol	7.357	128	602645	35.670	ng/u1	97
13) 2-Methylphenol	8.251	108	567939	36.038	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.334	45	881802	38.544	ng/u1	98
16) Acetophenone	8.628	105	924797	37.450	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.616	70	472627	38.453	ng/u1	98
18) 4-Methylphenol	8.581	108	617014	36.576	ng/u1	100
19) Hexachloroethane	8.863	117	248212	35.117	ng/u1	85
22) Nitrobenzene	9.004	77	688877	36.784	ng/u1	96
23) Isophorone	9.534	82	1279820	38.483	ng/u1	96
25) 2-Nitrophenol	9.716	139	320619	35.895	ng/u1	97
26) 2,4-Dimethylphenol	9.781	107	643412	36.020	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.016	93	811674	37.489	ng/u1	99
29) 2,4-Dichlorophenol	10.251	162	527184	35.970	ng/u1	99
30) Naphthalene	10.645	128	1952174	35.680	ng/u1	100
32) 4-Chloroaniline	10.769	127	528458	23.395	ng/u1	99
33) Hexachlorobutadiene	10.922	225	321186	34.883	ng/u1	97
34) Caprolactam	11.563	113	114013	25.963	ng/u1	96
35) 4-Chloro-3-methylphenol	11.904	107	541906	36.569	ng/u1	98
36) 2-Methylnaphthalene	12.257	142	1245486	36.281	ng/u1	98

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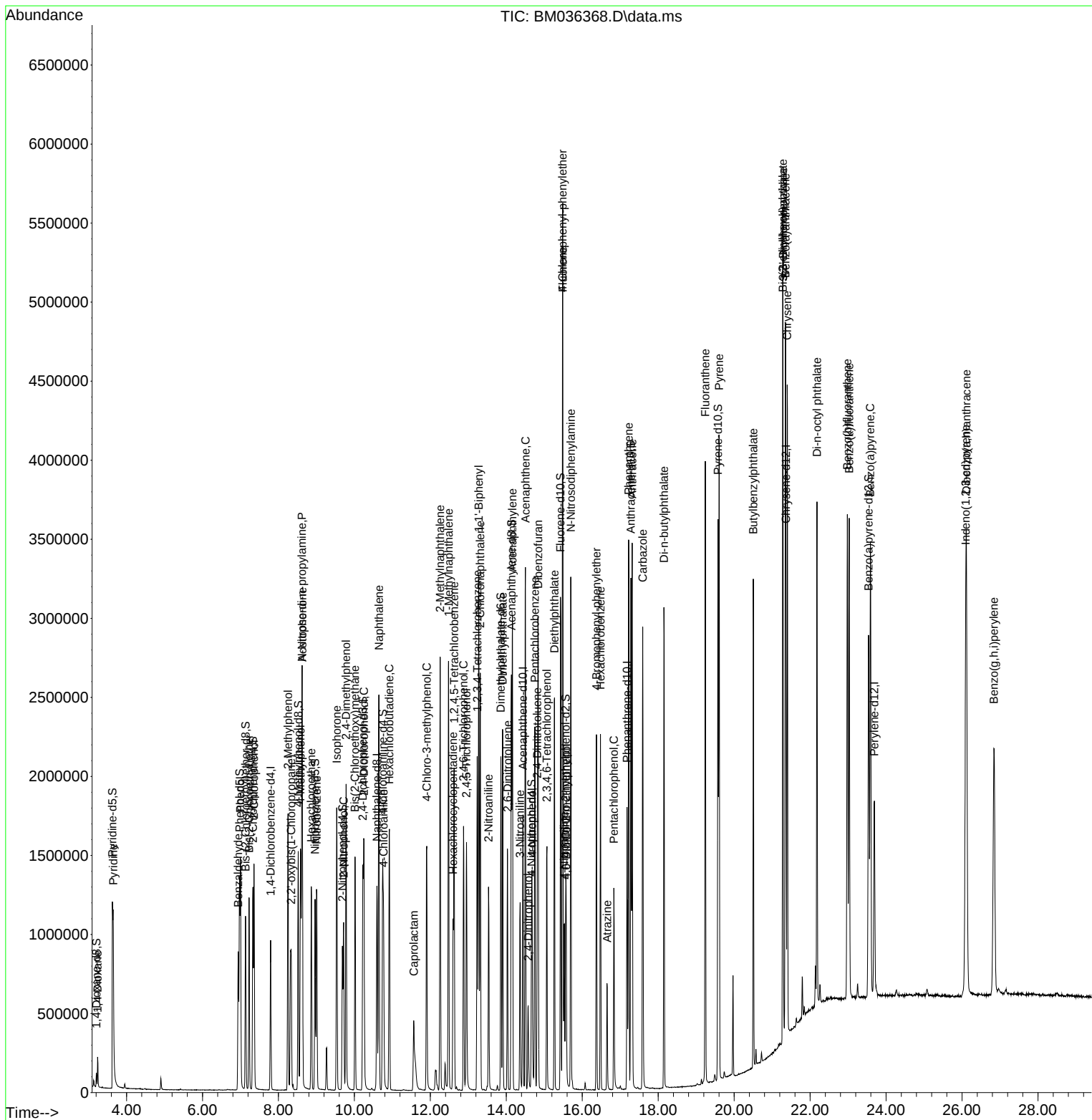
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 ClientSampleId :

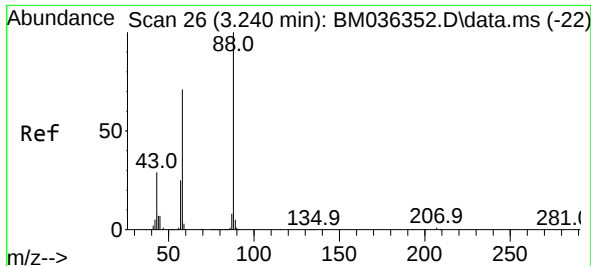
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.480	142	1246130	36.044	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.628	216	578103	36.809	ng/ul	98
40) Hexachlorocyclopentadiene	12.598	237	244536	26.245	ng/ul	97
41) 2,4,6-Trichlorophenol	12.875	196	348218	35.235	ng/ul	99
42) 2,4,5-Trichlorophenol	12.951	196	373151	35.597	ng/ul	98
43) 1,1'-Biphenyl	13.275	154	1587509	37.147	ng/ul	99
44) 2-Chloronaphthalene	13.316	162	1199901	36.589	ng/ul	100
45) 2-Nitroaniline	13.533	65	342267	38.543	ng/ul	95
47) Dimethylphthalate	13.904	163	1383868	37.399	ng/ul	99
48) 2,6-Dinitrotoluene	14.033	165	264971	37.953	ng/ul	90
50) Acenaphthylene	14.163	152	1950419	36.889	ng/ul	100
51) 3-Nitroaniline	14.363	138	287406	37.642	ng/ul	98
52) Acenaphthene	14.504	153	1259290	36.541	ng/ul	98
53) 2,4-Dinitrophenol	14.574	184	114054	29.976	ng/ul	94
55) 4-Nitrophenol	14.680	109	178680	33.201	ng/ul	85
56) Dibenzofuran	14.839	168	1715318	35.872	ng/ul	98
57) 2,4-Dinitrotoluene	14.816	165	368383	37.205	ng/ul#	90
58) 2,3,4,6-Tetrachlorophenol	15.069	232	270383	33.971	ng/ul#	91
59) Diethylphthalate	15.269	149	1375997	37.724	ng/ul	99
61) Fluorene	15.486	166	1364901	35.987	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.480	204	643657	36.330	ng/ul	100
63) 4-Nitroaniline	15.527	138	277806	39.005	ng/ul#	89
66) 4,6-Dinitro-2-methylph...	15.580	198	178872	34.566	ng/ul	94
67) N-Nitrosodiphenylamine	15.698	169	1118600	39.303	ng/ul	99
68) 4-Bromophenyl-phenylether	16.374	248	354063	38.409	ng/ul	96
69) Hexachlorobenzene	16.480	284	416919	37.322	ng/ul	94
70) Atrazine	16.657	200	115181	11.844	ng/ul	98
71) Pentachlorophenol	16.833	266	205497	33.367	ng/ul	99
72) Phenanthrene	17.221	178	1954247	37.341	ng/ul	98
74) Anthracene	17.315	178	1977152	37.683	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.233	216	565121	37.833	ng/uL	98
76) Pentachlorobenzene	14.751	250	521024	37.356	ng/uL	100
77) Carbazole	17.592	167	1780743	36.248	ng/ul	99
78) Di-n-butylphthalate	18.151	149	2131110	39.662	ng/ul	99
80) Fluoranthene	19.239	202	2109497	38.833	ng/ul	99
82) Pyrene	19.604	202	2194807	38.718	ng/ul	99
83) Butylbenzylphthalate	20.504	149	835336	39.389	ng/ul	89
84) 3,3'-Dichlorobenzidine	21.286	252	631939	35.416	ng/ul	99
85) Benzo(a)anthracene	21.351	228	1974930	37.928	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.280	149	1209336	41.301	ng/ul	99
87) Chrysene	21.398	228	1928319	37.689	ng/ul	99
89) Di-n-octyl phthalate	22.180	149	1987878	38.953	ng/ul	100
90) Benzo(b)fluoranthene	22.980	252	1993046	38.079	ng/ul	98
91) Benzo(k)fluoranthene	23.027	252	1934852	38.856	ng/ul	99
93) Benzo(a)pyrene	23.586	252	1993349	38.713	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.097	276	2260209	37.334	ng/ul	95
95) Dibenzo(a,h)anthracene	26.115	278	1955727	37.501	ng/ul	99
96) Benzo(g,h,i)perylene	26.838	276	1921326	37.112	ng/ul	98

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

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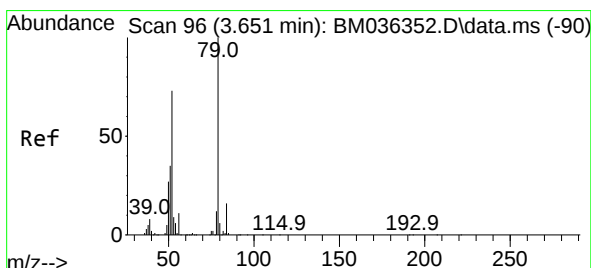
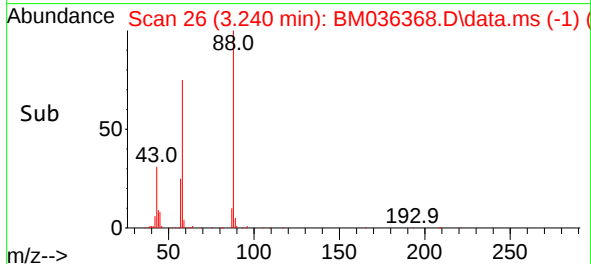
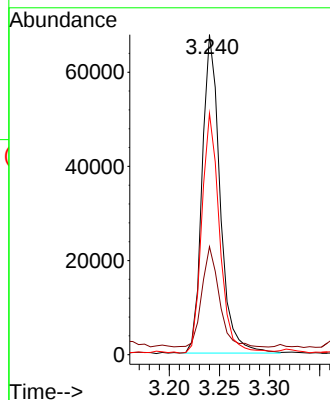
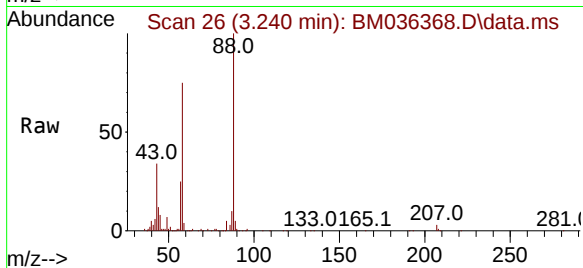




#2
1,4-Dioxane
Concen: 12.661 ng/uL
RT: 3.240 min Scan# 20
Delta R.T. 0.000 min
Lab File: BM036368.D
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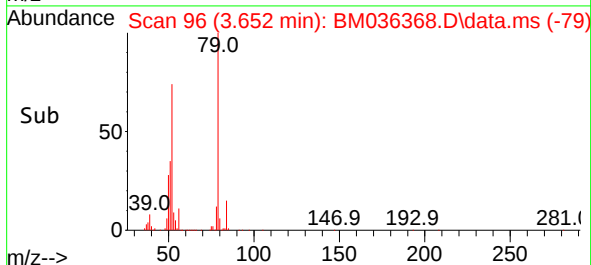
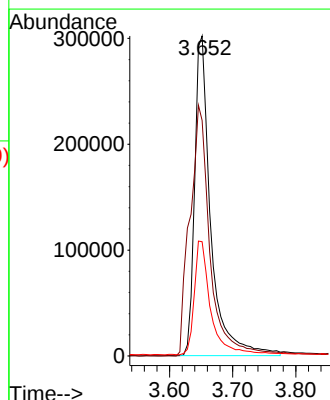
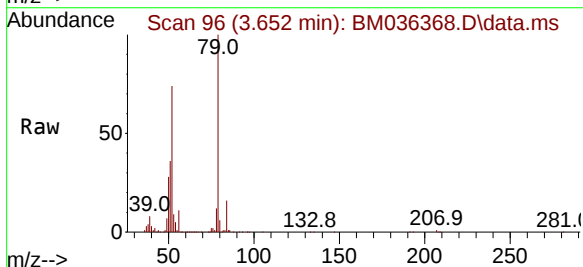
Instrument :
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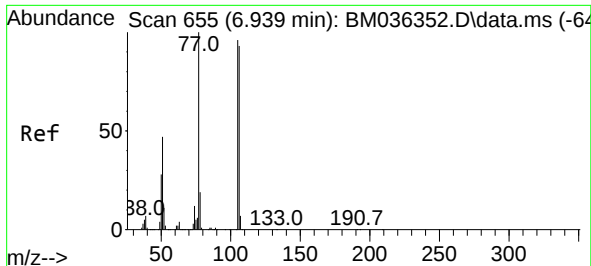
Tgt Ion	Ratio	Lower	Upper
88	100		
43	33.8	27.8	41.8
58	75.4	61.8	92.8



#5
Pyridine
Concen: 29.789 ng/uL
RT: 3.652 min Scan# 96
Delta R.T. 0.000 min
Lab File: BM036368.D
Acq: 22 Aug 2022 16:15

Tgt Ion	Ratio	Lower	Upper
79	100		
52	73.6	67.8	101.6
51	35.7	31.4	47.0

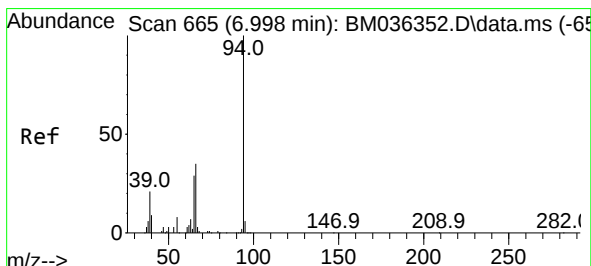
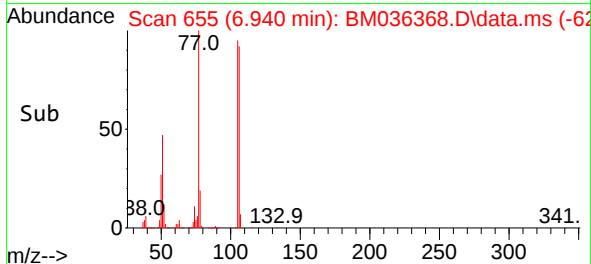
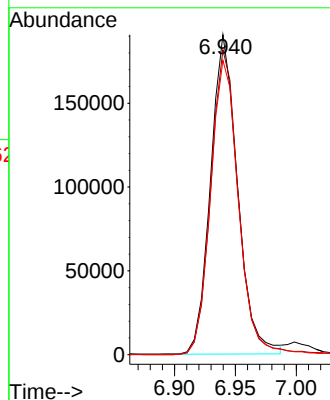
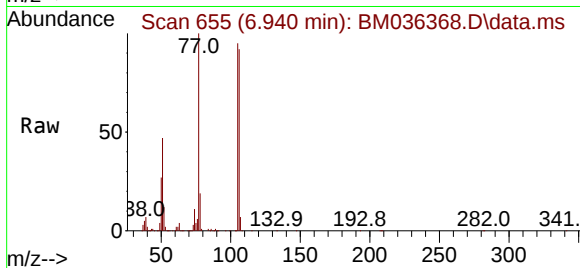




#6
Benzaldehyde
Concen: 34.837 ng/ul
RT: 6.940 min Scan# 655
Delta R.T. 0.000 min
Lab File: BM036368.D
Acq: 22 Aug 2022 16:15

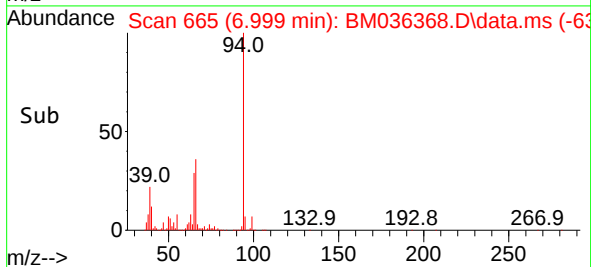
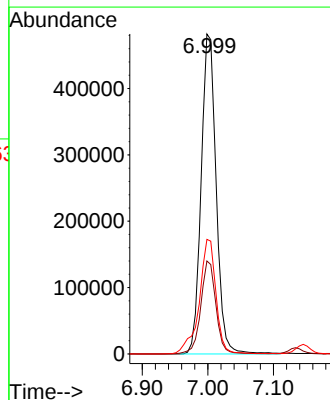
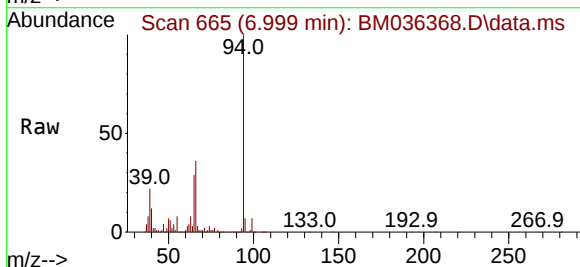
Instrument :
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ClientSampleId :

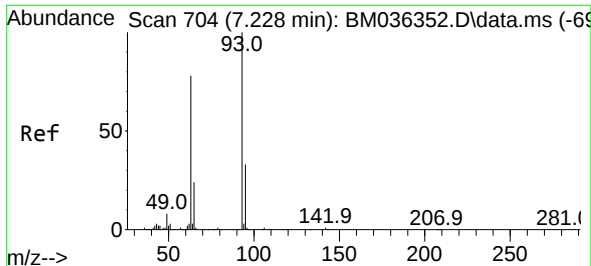
Tgt Ion: 77 Resp: 294255
Ion Ratio Lower Upper
77 100
105 95.3 84.6 127.0
106 92.0 80.3 120.5



#8
Phenol
Concen: 36.011 ng/ul
RT: 6.999 min Scan# 665
Delta R.T. 0.000 min
Lab File: BM036368.D
Acq: 22 Aug 2022 16:15

Tgt Ion: 94 Resp: 769897
Ion Ratio Lower Upper
94 100
65 29.0 21.3 31.9
66 35.8 27.4 41.0



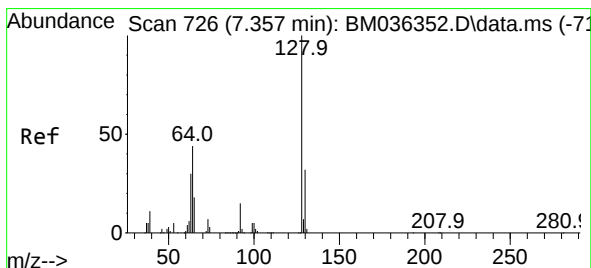
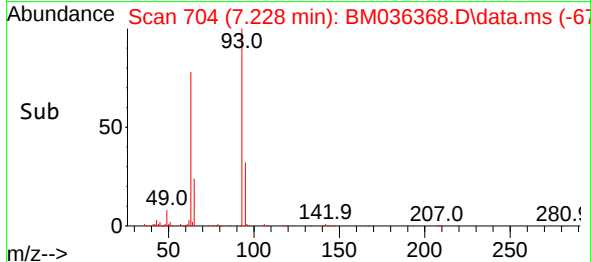
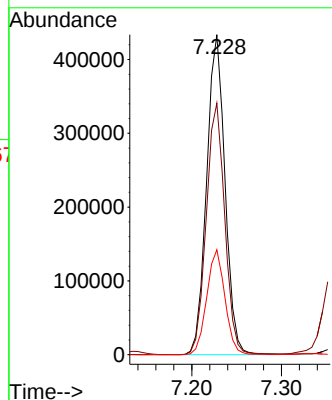
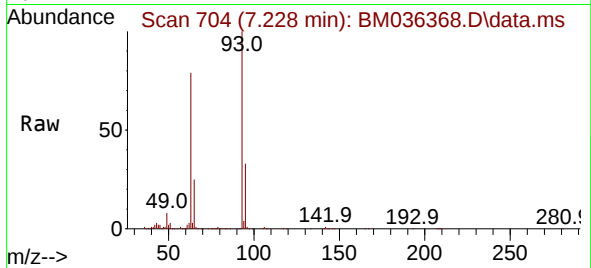


#10
 Bis(2-Chloroethyl)ether
 Concen: 36.113 ng/ul
 RT: 7.228 min Scan# 704
 Delta R.T. 0.000 min
 Lab File: BM036368.D
 Acq: 22 Aug 2022 16:15

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion: 93 Resp: 617524

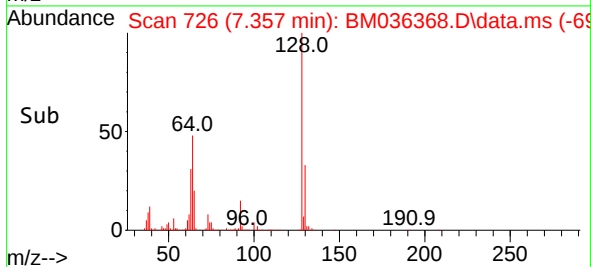
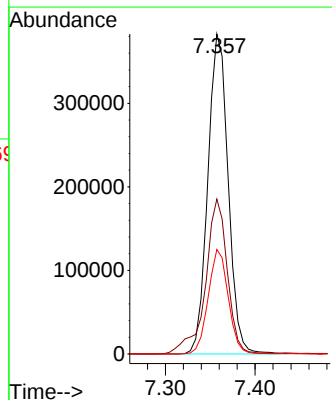
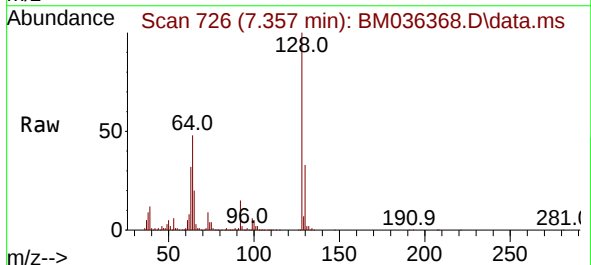
Ion	Ratio	Lower	Upper
93	100		
63	78.6	64.0	96.0
95	32.8	25.8	38.6

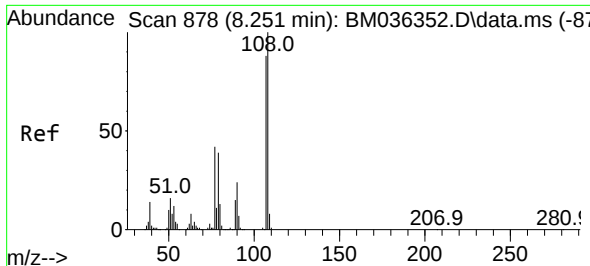


#12
 2-Chlorophenol
 Concen: 35.670 ng/ul
 RT: 7.357 min Scan# 726
 Delta R.T. 0.000 min
 Lab File: BM036368.D
 Acq: 22 Aug 2022 16:15

Tgt Ion:128 Resp: 602645

Ion	Ratio	Lower	Upper
128	100		
64	48.4	36.9	55.3
130	32.7	25.6	38.4

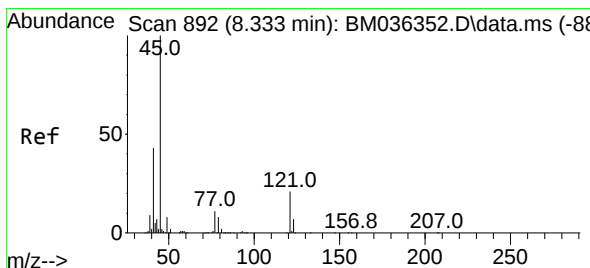
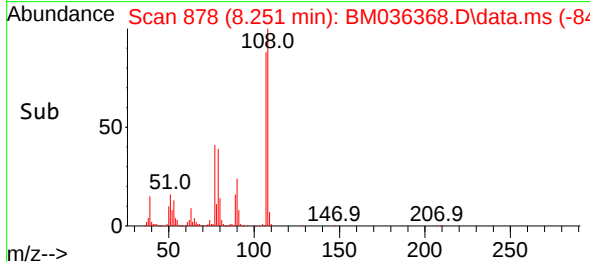
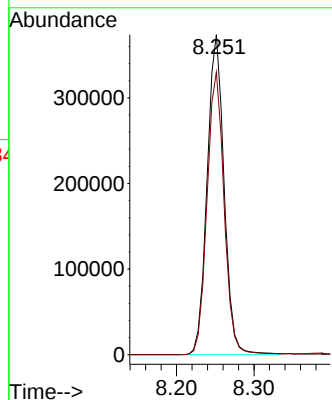
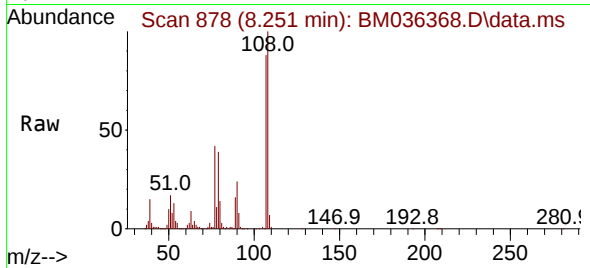




#13
2-Methylphenol
Concen: 36.038 ng/ul
RT: 8.251 min Scan# 878
Delta R.T. 0.000 min
Lab File: BM036368.D
Acq: 22 Aug 2022 16:15

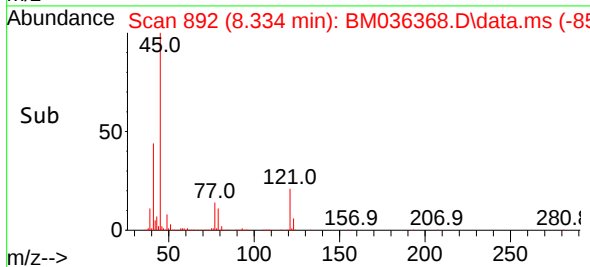
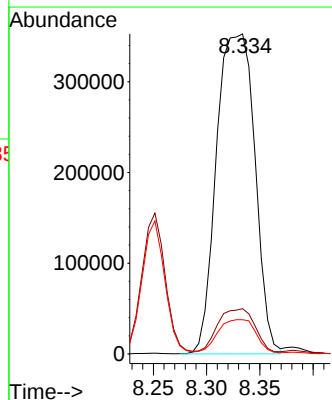
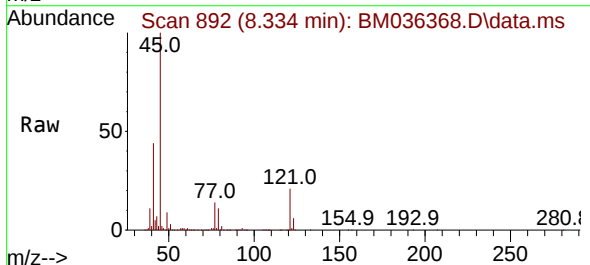
Instrument :
BNA_M
ClientSampleId :

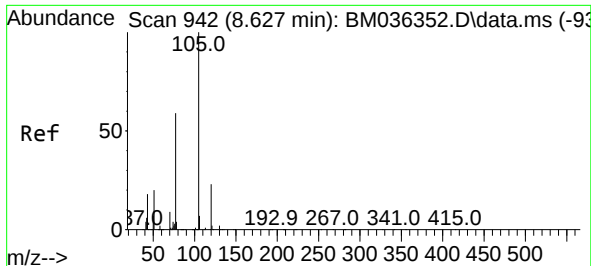
Tgt Ion:108 Resp: 567939
Ion Ratio Lower Upper
108 100
107 88.3 75.0 112.4



#14
2,2'-oxybis(1-Chloropropane)
Concen: 38.544 ng/ul
RT: 8.334 min Scan# 892
Delta R.T. 0.000 min
Lab File: BM036368.D
Acq: 22 Aug 2022 16:15

Tgt Ion: 45 Resp: 881802
Ion Ratio Lower Upper
45 100
77 14.2 10.6 15.8
79 10.7 8.3 12.5

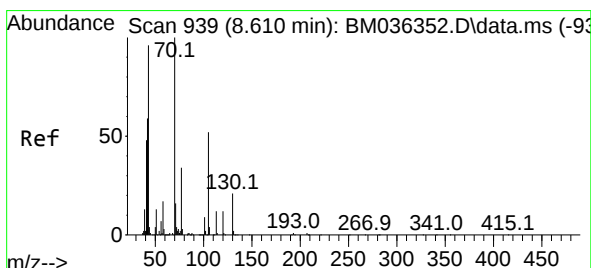
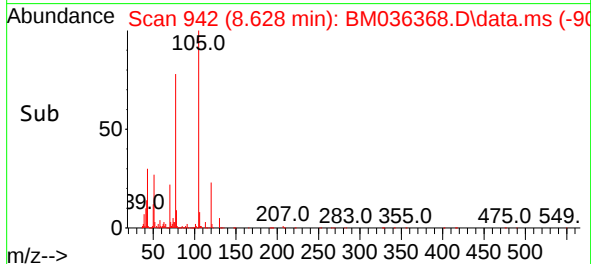
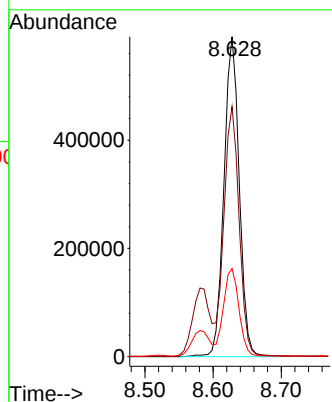
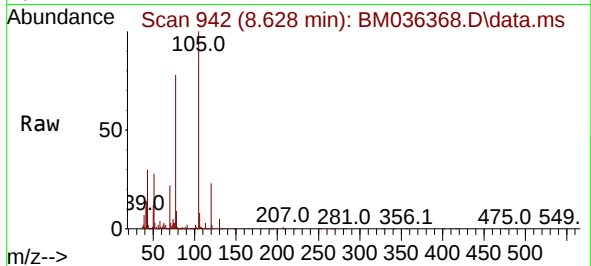




#16
Acetophenone
Concen: 37.450 ng/ul
RT: 8.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BM036368.D
Acq: 22 Aug 2022 16:15

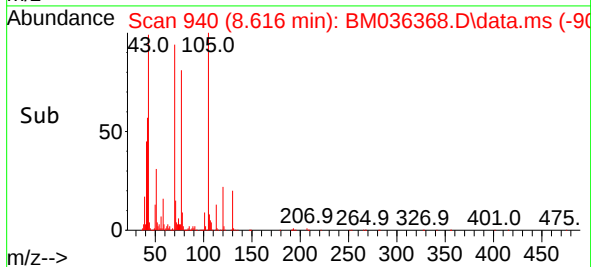
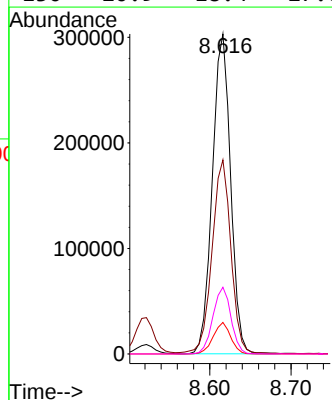
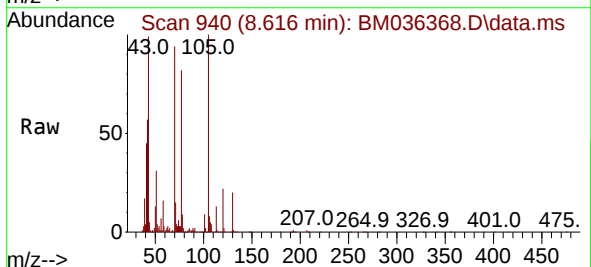
Instrument :
BNA_M
ClientSampleId :

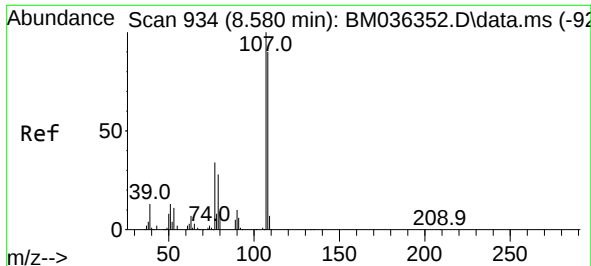
Tgt Ion:105 Resp: 924797
Ion Ratio Lower Upper
105 100
77 78.2 59.8 89.6
51 27.5 22.1 33.1



#17
N-Nitroso-di-n-propylamine
Concen: 38.453 ng/ul
RT: 8.616 min Scan# 940
Delta R.T. 0.006 min
Lab File: BM036368.D
Acq: 22 Aug 2022 16:15

Tgt Ion: 70 Resp: 472627
Ion Ratio Lower Upper
70 100
42 60.6 49.6 74.4
101 9.9 8.1 12.1
130 20.9 18.4 27.6

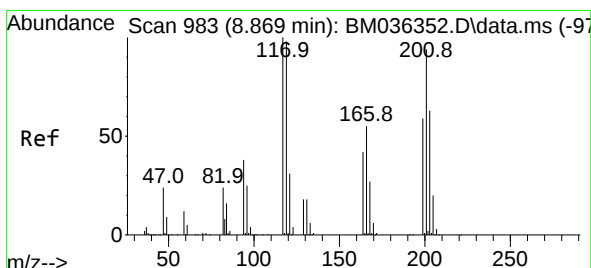
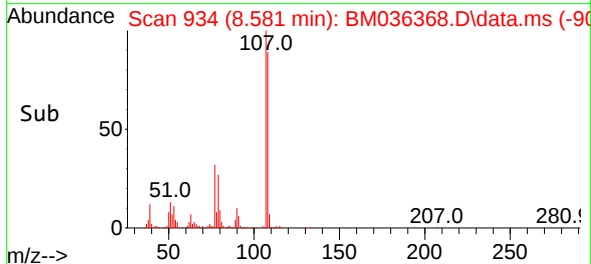
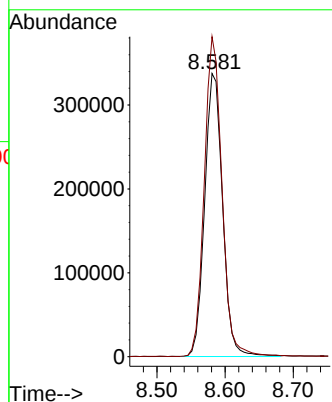
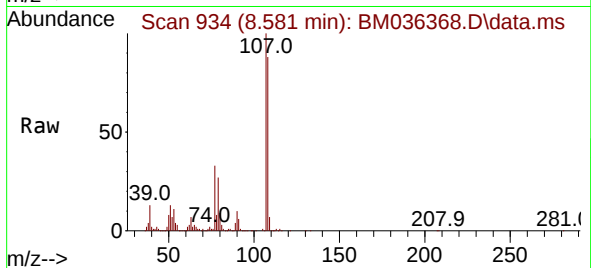




#18
4-Methylphenol
Concen: 36.576 ng/ul
RT: 8.581 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM036368.D
Acq: 22 Aug 2022 16:15

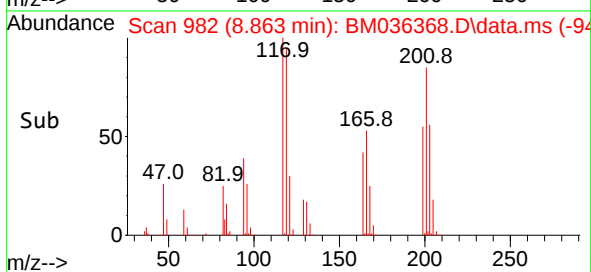
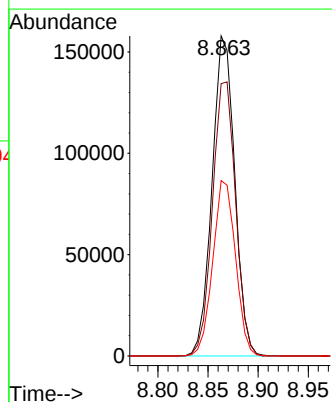
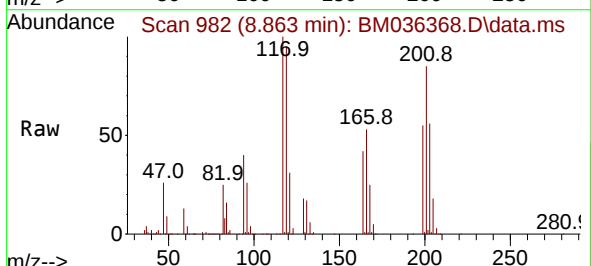
Instrument :
BNA_M
ClientSampleId :

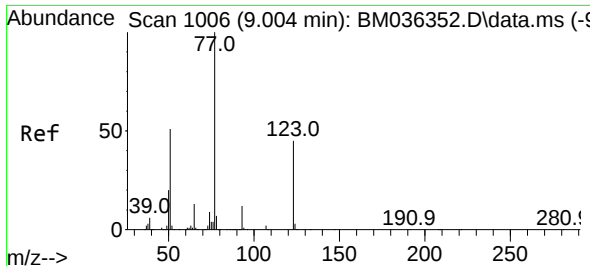
Tgt Ion:108 Resp: 617014
Ion Ratio Lower Upper
108 100
107 113.0 90.3 135.5



#19
Hexachloroethane
Concen: 35.117 ng/ul
RT: 8.863 min Scan# 982
Delta R.T. 0.000 min
Lab File: BM036368.D
Acq: 22 Aug 2022 16:15

Tgt Ion:117 Resp: 248212
Ion Ratio Lower Upper
117 100
201 85.1 81.8 122.6
199 54.8 51.6 77.4

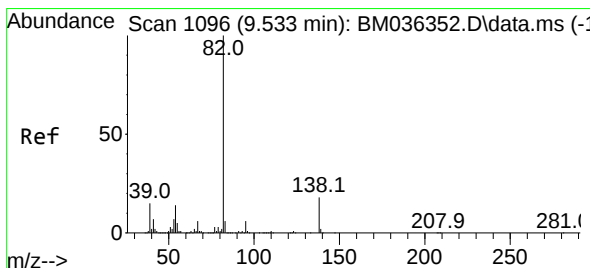
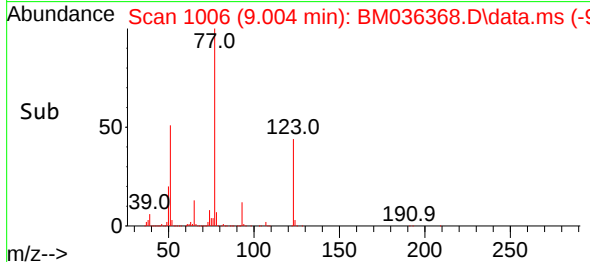
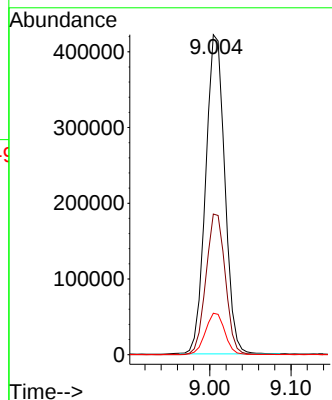
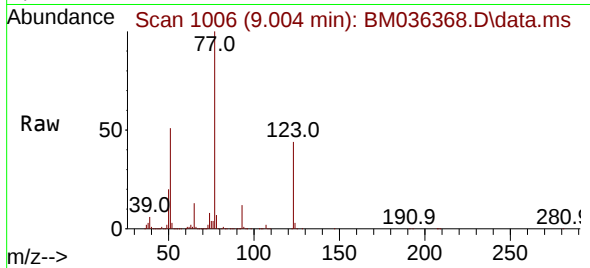




#22
Nitrobenzene
Concen: 36.784 ng/ul
RT: 9.004 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BM036368.D
Acq: 22 Aug 2022 16:15

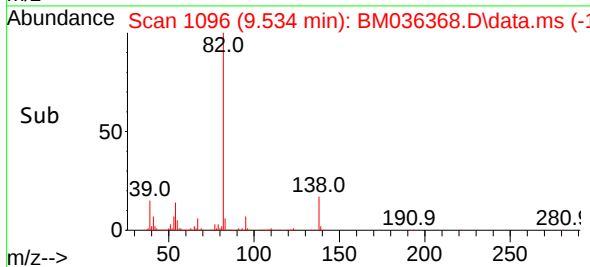
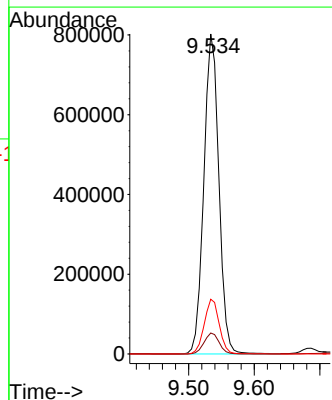
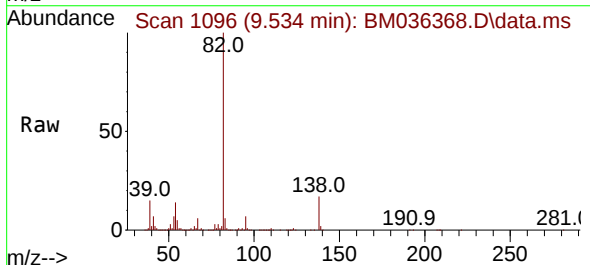
Instrument :
BNA_M
ClientSampleId :

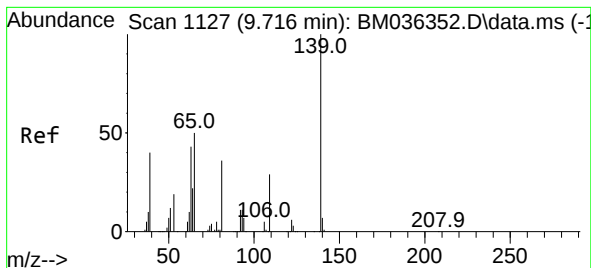
Tgt Ion: 77 Resp: 688877
Ion Ratio Lower Upper
77 100
123 44.0 37.4 56.0
65 12.9 10.8 16.2



#23
Isophorone
Concen: 38.483 ng/ul
RT: 9.534 min Scan# 1096
Delta R.T. 0.000 min
Lab File: BM036368.D
Acq: 22 Aug 2022 16:15

Tgt Ion: 82 Resp: 1279820
Ion Ratio Lower Upper
82 100
95 6.5 5.5 8.3
138 17.1 15.3 22.9





#25

2-Nitrophenol

Concen: 35.895 ng/ul

RT: 9.716 min Scan# 1127

Delta R.T. 0.000 min

Lab File: BM036368.D

Acq: 22 Aug 2022 16:15

Instrument :

BNA_M

ClientSampleId :

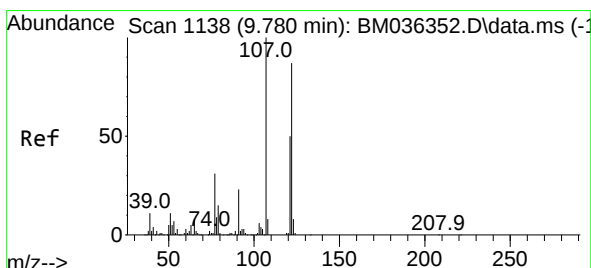
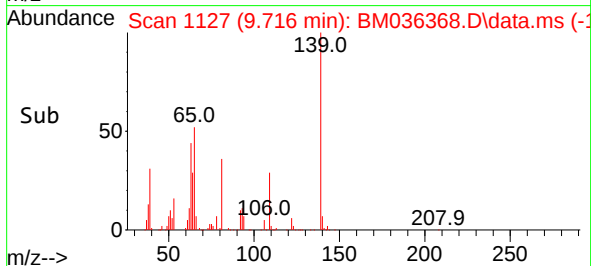
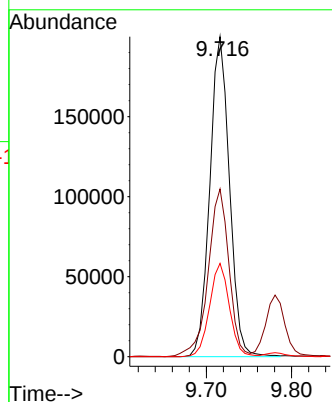
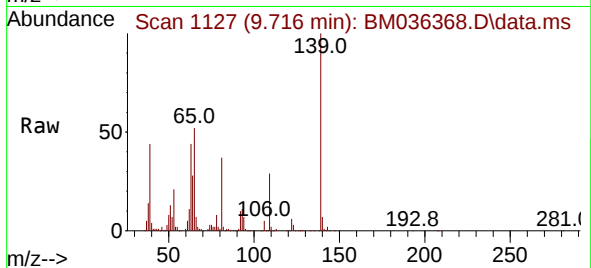
Tgt Ion:139 Resp: 320619

Ion Ratio Lower Upper

139 100

65 52.4 39.8 59.6

109 29.2 22.2 33.4



#26

2,4-Dimethylphenol

Concen: 36.020 ng/ul

RT: 9.781 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BM036368.D

Acq: 22 Aug 2022 16:15

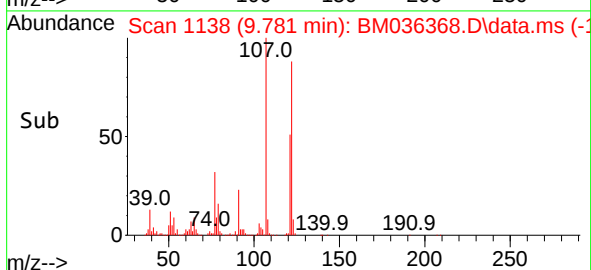
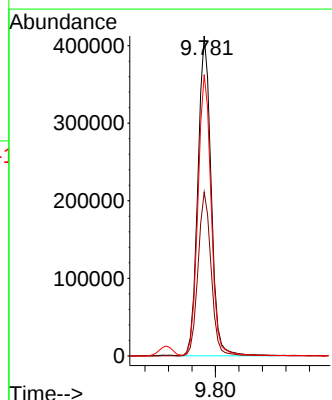
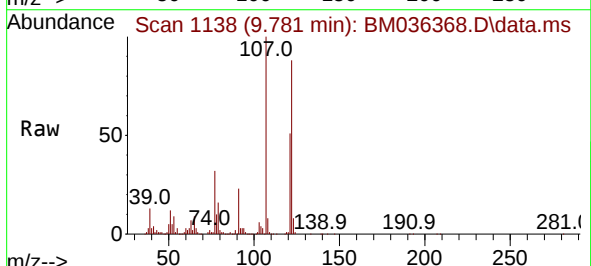
Tgt Ion:107 Resp: 643412

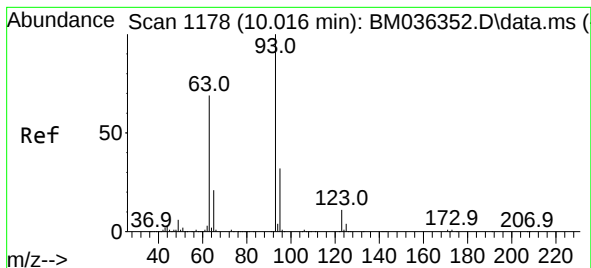
Ion Ratio Lower Upper

107 100

121 51.2 42.7 64.1

122 87.9 71.5 107.3

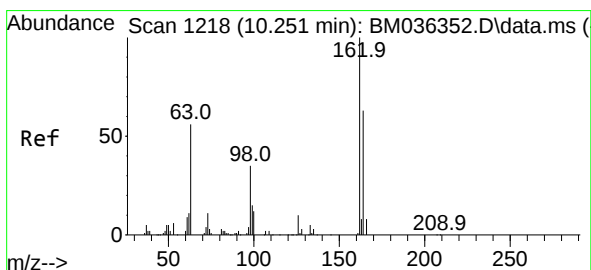
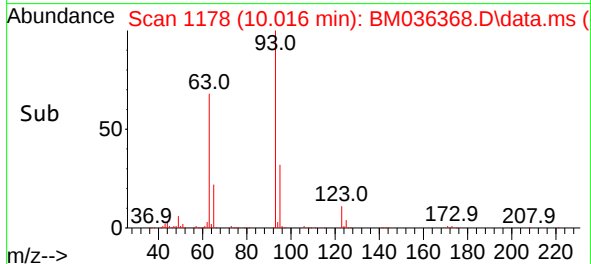
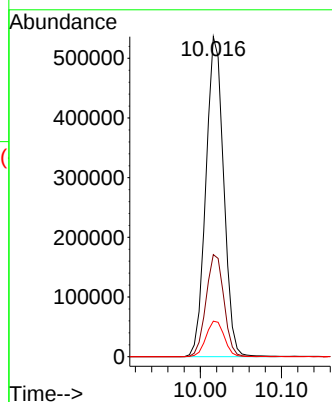
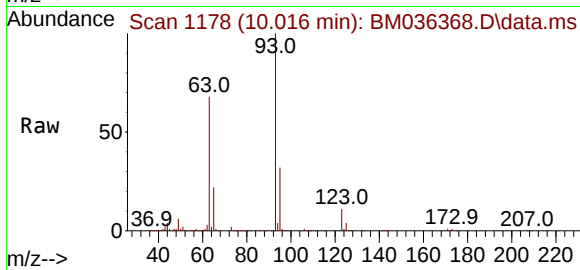




#27
 Bis(2-Chloroethoxy)methane
 Concen: 37.489 ng/ul
 RT: 10.016 min Scan# 1178
 Delta R.T. 0.000 min
 Lab File: BM036368.D
 Acq: 22 Aug 2022 16:15

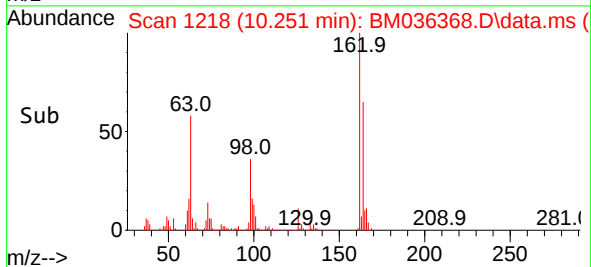
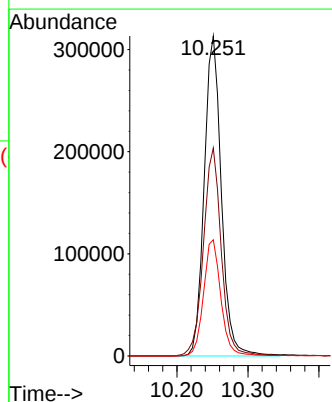
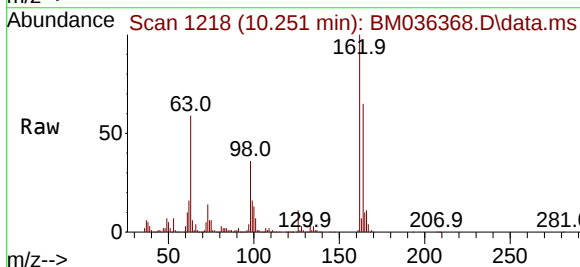
Instrument :
 BNA_M
 ClientSampleId :

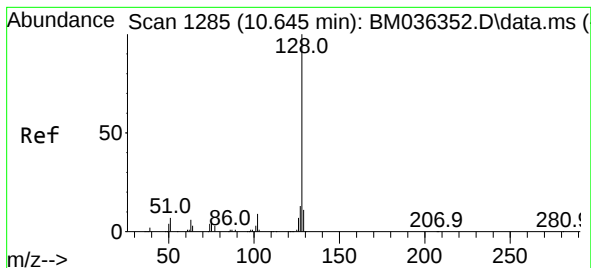
Tgt Ion: 93 Resp: 811674
 Ion Ratio Lower Upper
 93 100
 95 31.9 26.1 39.1
 123 11.1 9.4 14.0



#29
 2,4-Dichlorophenol
 Concen: 35.970 ng/ul
 RT: 10.251 min Scan# 1218
 Delta R.T. 0.000 min
 Lab File: BM036368.D
 Acq: 22 Aug 2022 16:15

Tgt Ion:162 Resp: 527184
 Ion Ratio Lower Upper
 162 100
 164 65.0 51.8 77.6
 98 36.3 29.5 44.3

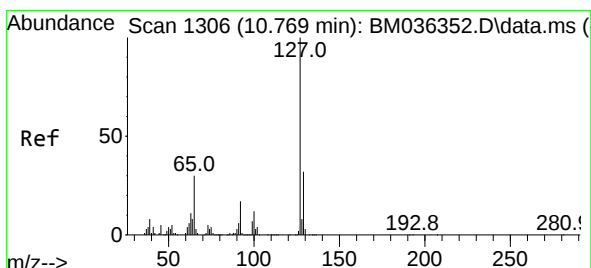
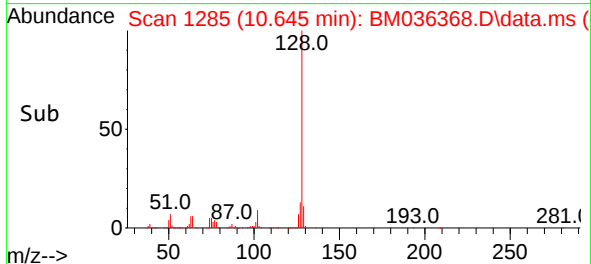
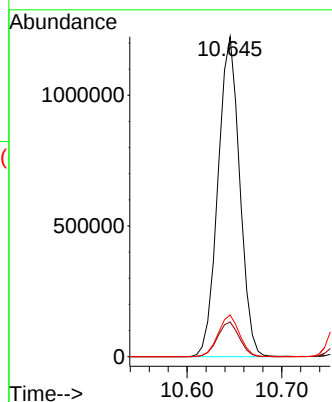
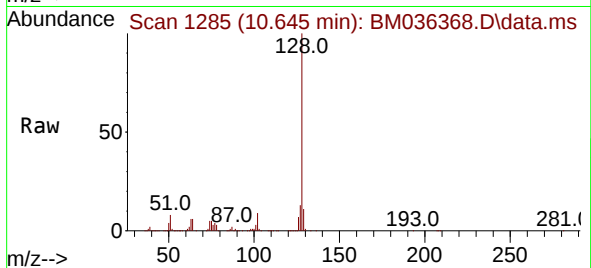




#30
Naphthalene
Concen: 35.680 ng/ul
RT: 10.645 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BM036368.D
Acq: 22 Aug 2022 16:15

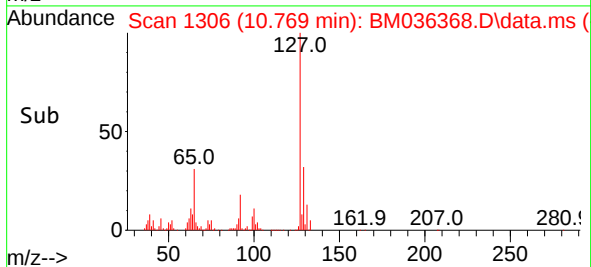
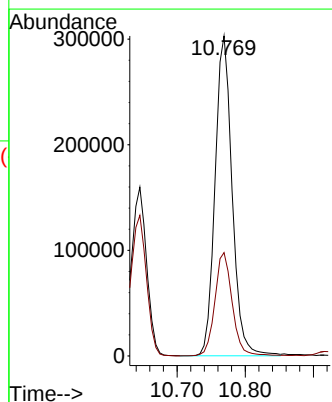
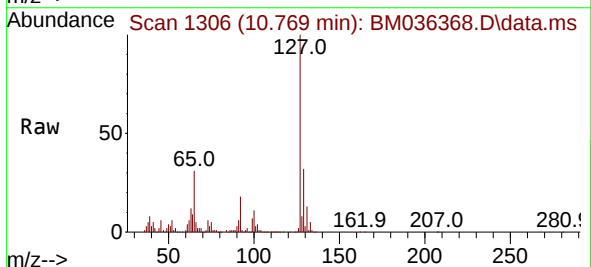
Instrument :
BNA_M
ClientSampleId :

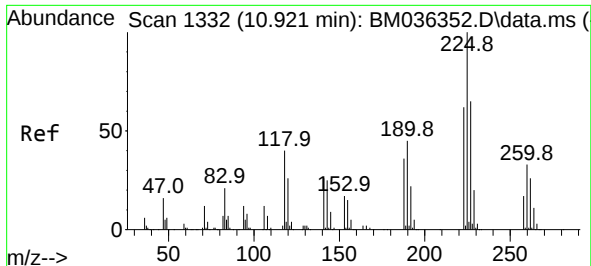
Tgt Ion:128 Resp: 1952174
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.1 10.6 16.0



#32
4-Chloroaniline
Concen: 23.395 ng/ul
RT: 10.769 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BM036368.D
Acq: 22 Aug 2022 16:15

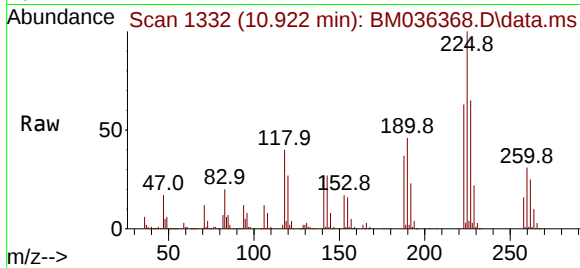
Tgt Ion:127 Resp: 528458
Ion Ratio Lower Upper
127 100
129 32.3 25.3 37.9



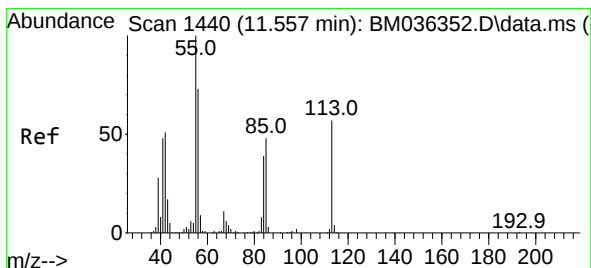
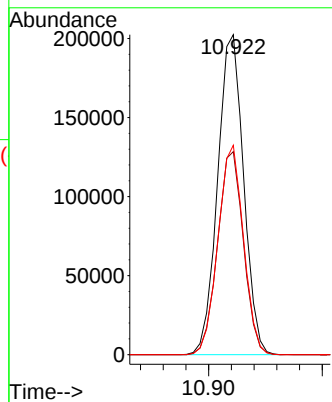
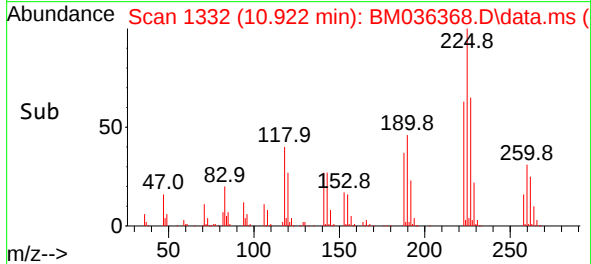


#33
Hexachlorobutadiene
Concen: 34.883 ng/ul
RT: 10.922 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM036368.D
Acq: 22 Aug 2022 16:15

Instrument :
BNA_M
ClientSampleId :

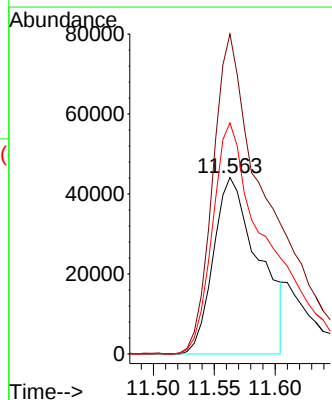
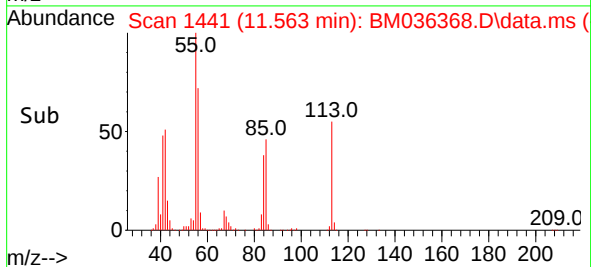
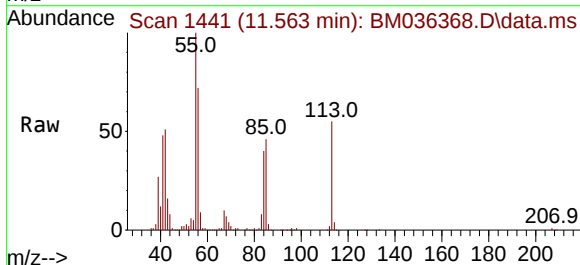


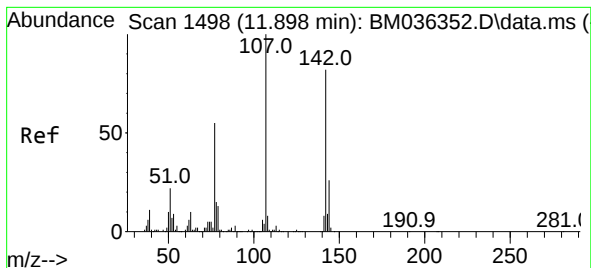
Tgt Ion:225 Resp: 321186
Ion Ratio Lower Upper
225 100
223 63.5 50.0 75.0
227 65.5 49.9 74.9



#34
Caprolactam
Concen: 25.963 ng/ul
RT: 11.563 min Scan# 1441
Delta R.T. 0.006 min
Lab File: BM036368.D
Acq: 22 Aug 2022 16:15

Tgt Ion:113 Resp: 114013
Ion Ratio Lower Upper
113 100
55 181.3 150.2 225.4
56 130.9 102.1 153.1

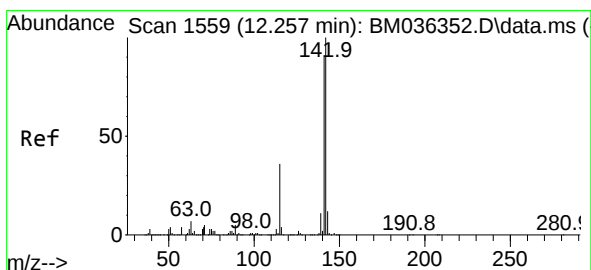
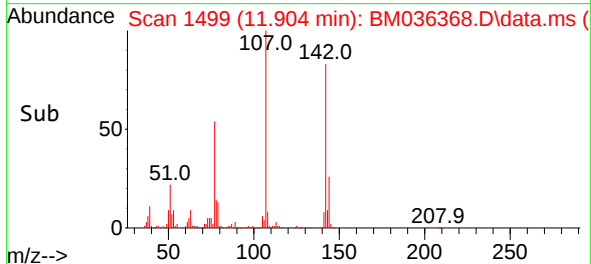
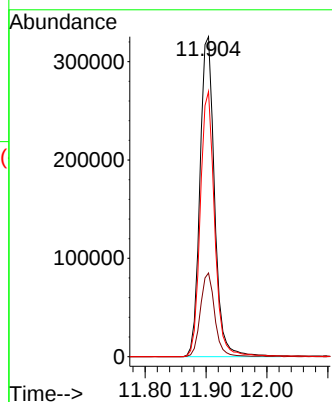
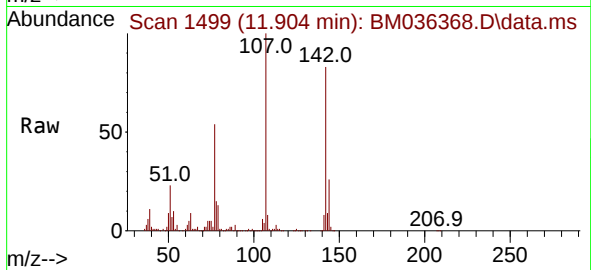




#35
 4-Chloro-3-methylphenol
 Concen: 36.569 ng/ul
 RT: 11.904 min Scan# 1499
 Delta R.T. 0.006 min
 Lab File: BM036368.D
 Acq: 22 Aug 2022 16:15

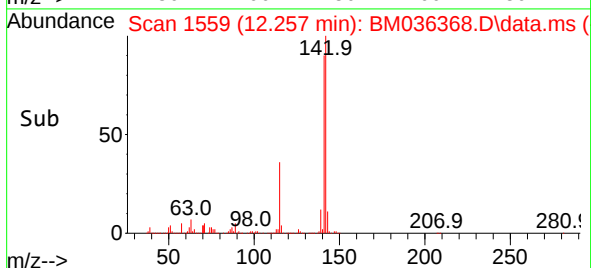
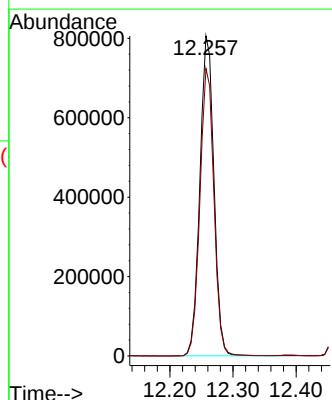
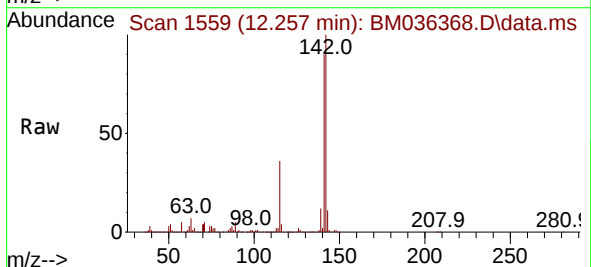
Instrument :
 BNA_M
 ClientSampleId :

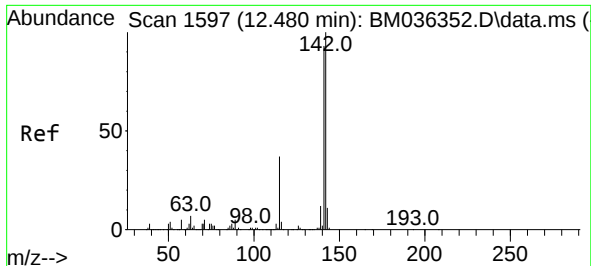
Tgt Ion:107 Resp: 541906
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.3 30.5
 142 82.8 64.4 96.6



#36
 2-Methylnaphthalene
 Concen: 36.281 ng/ul
 RT: 12.257 min Scan# 1559
 Delta R.T. 0.000 min
 Lab File: BM036368.D
 Acq: 22 Aug 2022 16:15

Tgt Ion:142 Resp: 1245486
 Ion Ratio Lower Upper
 142 100
 141 89.9 70.7 106.1





#37

1-Methylnaphthalene

Concen: 36.044 ng/ul

RT: 12.480 min Scan# 1

Delta R.T. 0.006 min

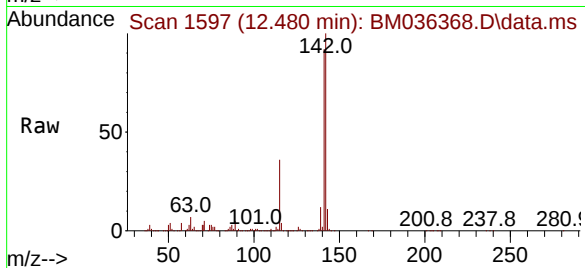
Lab File: BM036368.D

Acq: 22 Aug 2022 16:15

Instrument :

BNA_M

ClientSampleId :



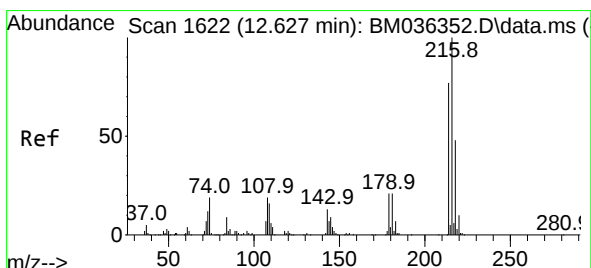
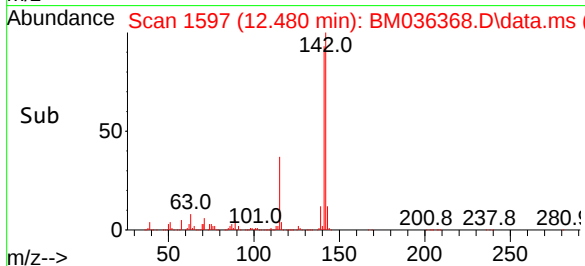
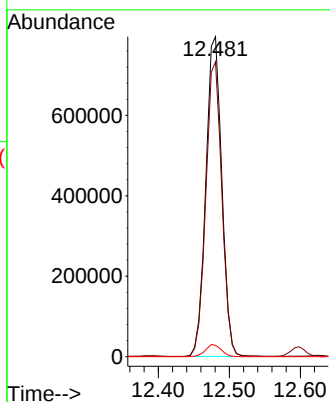
Tgt Ion:142 Resp: 1246130

Ion Ratio Lower Upper

142 100

141 92.2 75.2 112.8

116 3.5 2.6 3.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.809 ng/ul

RT: 12.628 min Scan# 1622

Delta R.T. 0.006 min

Lab File: BM036368.D

Acq: 22 Aug 2022 16:15

Tgt Ion:216 Resp: 578103

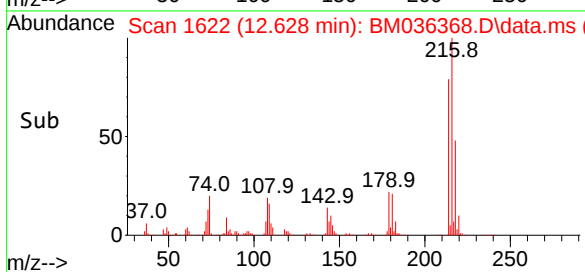
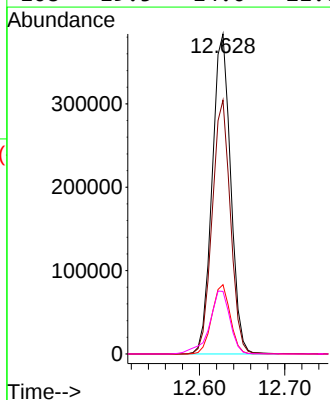
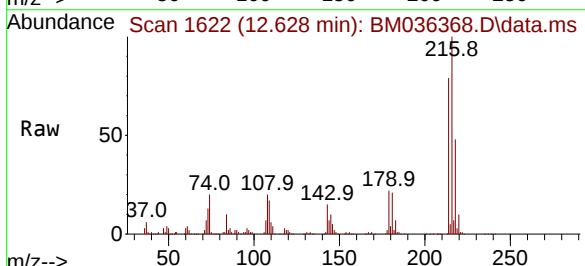
Ion Ratio Lower Upper

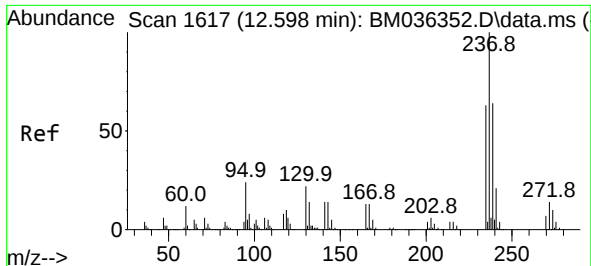
216 100

214 79.3 62.4 93.6

179 21.6 17.3 25.9

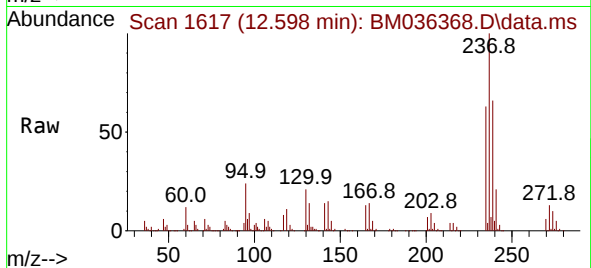
108 19.5 14.0 21.0



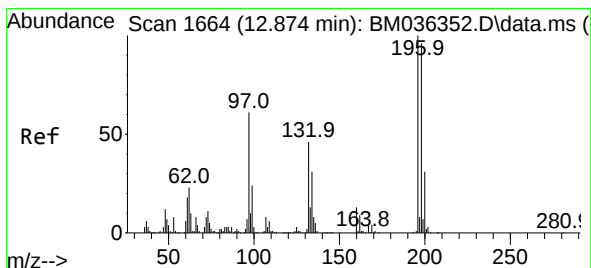
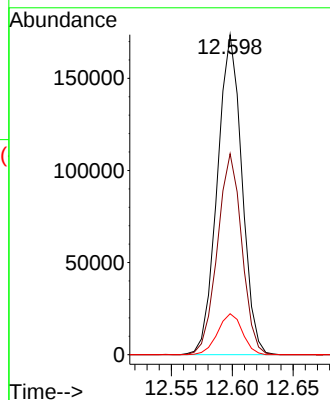
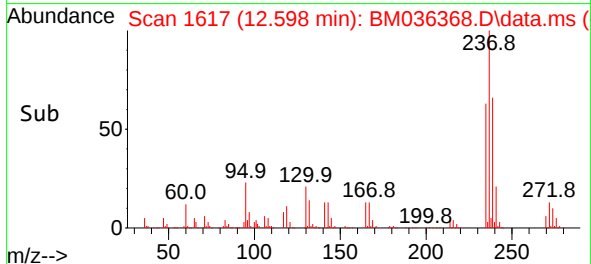


#40
Hexachlorocyclopentadiene
Concen: 26.245 ng/ul
RT: 12.598 min Scan# 1617
Delta R.T. 0.000 min
Lab File: BM036368.D
Acq: 22 Aug 2022 16:15

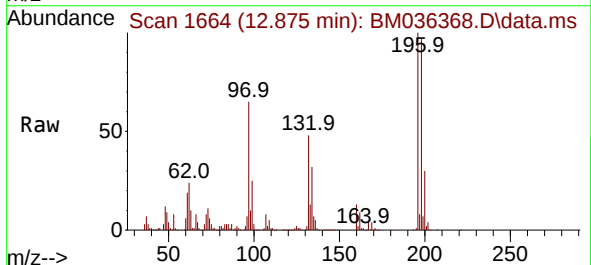
Instrument :
BNA_M
ClientSampleId :



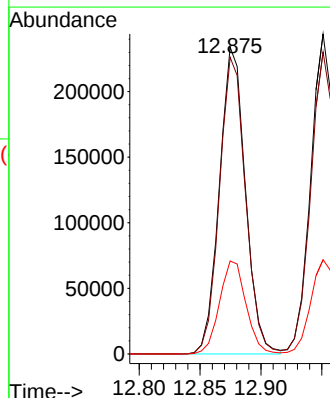
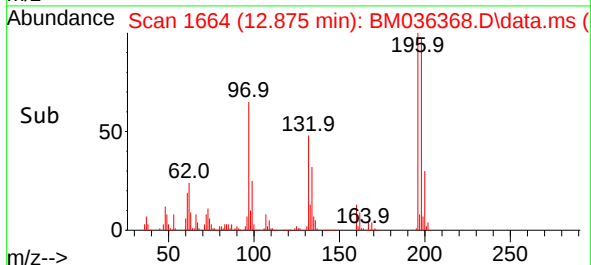
Tgt Ion:237 Resp: 244536
Ion Ratio Lower Upper
237 100
235 62.8 48.4 72.6
272 13.4 11.6 17.4

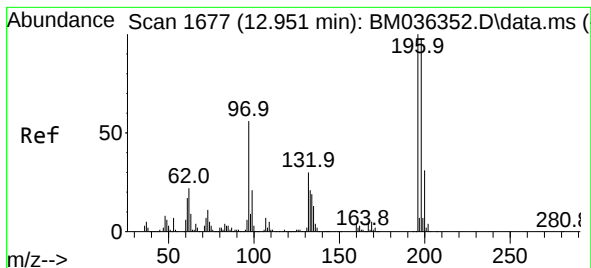


#41
2,4,6-Trichlorophenol
Concen: 35.235 ng/ul
RT: 12.875 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BM036368.D
Acq: 22 Aug 2022 16:15



Tgt Ion:196 Resp: 348218
Ion Ratio Lower Upper
196 100
198 96.6 77.8 116.6
200 30.3 25.0 37.6





#42

2,4,5-Trichlorophenol

Concen: 35.597 ng/uI

RT: 12.951 min Scan# 1

Delta R.T. 0.000 min

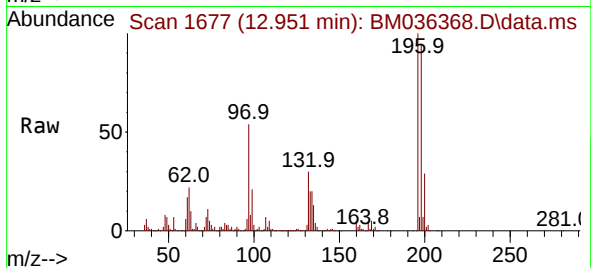
Lab File: BM036368.D

Acq: 22 Aug 2022 16:15

Instrument :

BNA_M

ClientSampleId :



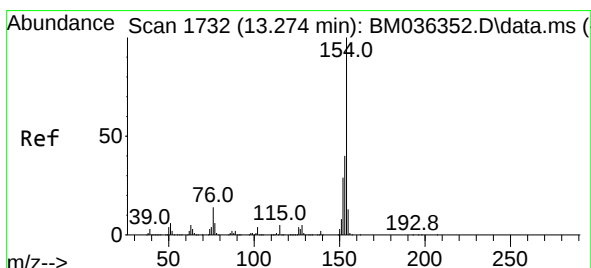
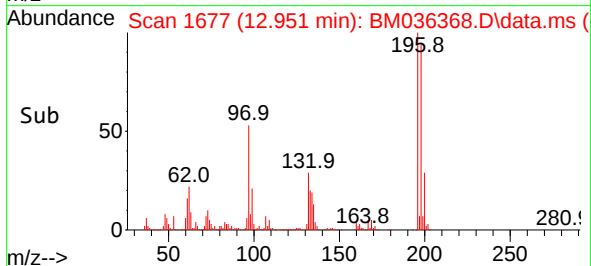
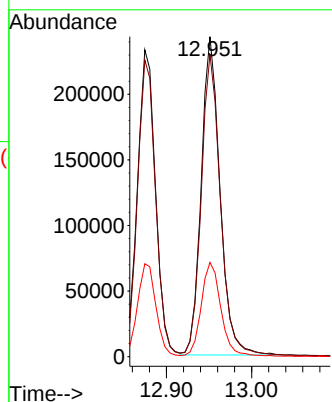
Tgt Ion:196 Resp: 373151

Ion Ratio Lower Upper

196 100

198 94.4 76.8 115.2

200 29.5 24.9 37.3



#43

1,1'-Biphenyl

Concen: 37.147 ng/uI

RT: 13.275 min Scan# 1732

Delta R.T. 0.000 min

Lab File: BM036368.D

Acq: 22 Aug 2022 16:15

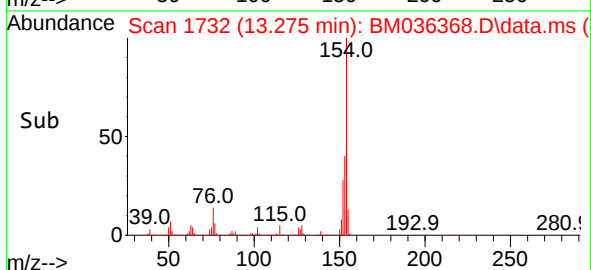
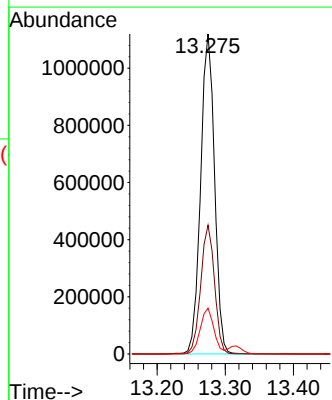
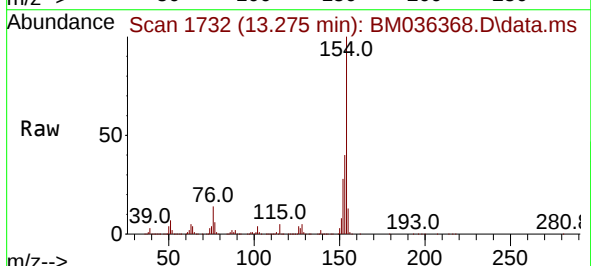
Tgt Ion:154 Resp: 1587509

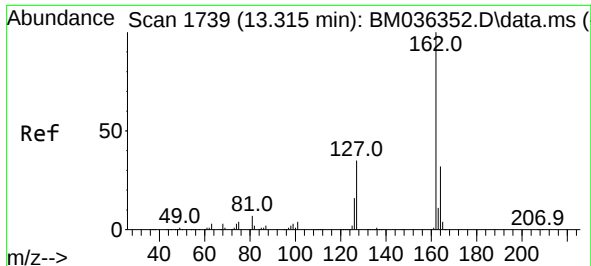
Ion Ratio Lower Upper

154 100

153 40.2 32.4 48.6

76 14.3 10.1 15.1

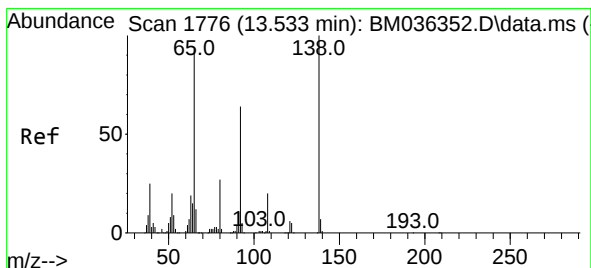
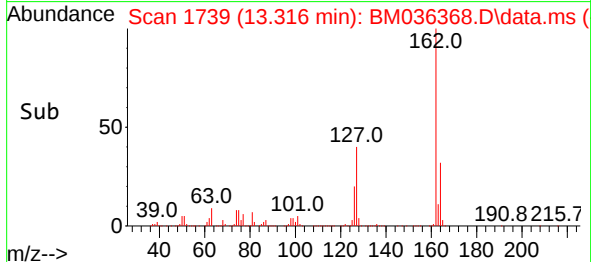
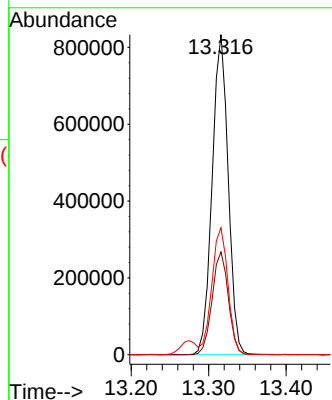
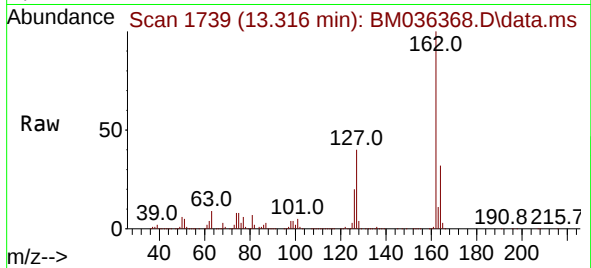




#44
2-Chloronaphthalene
Concen: 36.589 ng/ul
RT: 13.316 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM036368.D
Acq: 22 Aug 2022 16:15

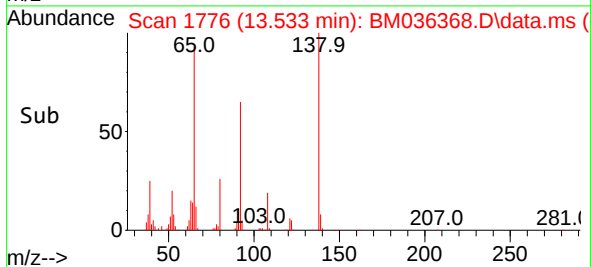
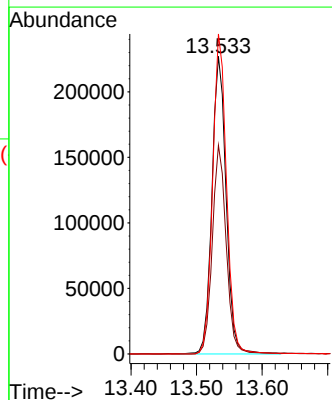
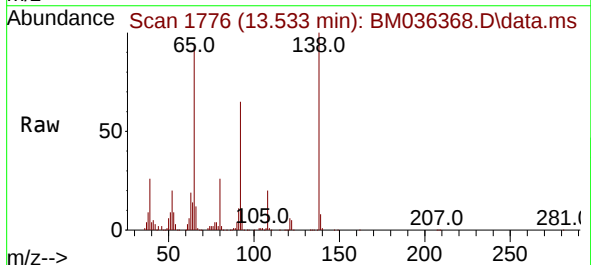
Instrument :
BNA_M
ClientSampleId :

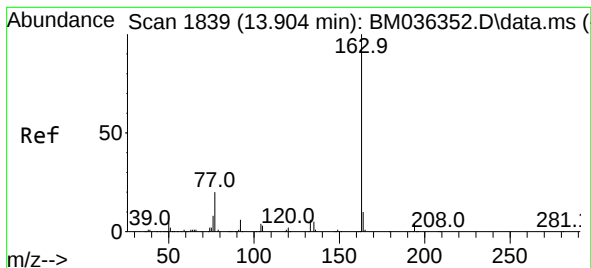
Tgt Ion:162 Resp: 1199901
Ion Ratio Lower Upper
162 100
164 32.1 25.4 38.0
127 39.6 31.6 47.4



#45
2-Nitroaniline
Concen: 38.543 ng/ul
RT: 13.533 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BM036368.D
Acq: 22 Aug 2022 16:15

Tgt Ion: 65 Resp: 342267
Ion Ratio Lower Upper
65 100
92 70.2 54.5 81.7
138 107.6 91.2 136.8





#47

Dimethylphthalate

Concen: 37.399 ng/ul

RT: 13.904 min Scan# 1839

Delta R.T. 0.000 min

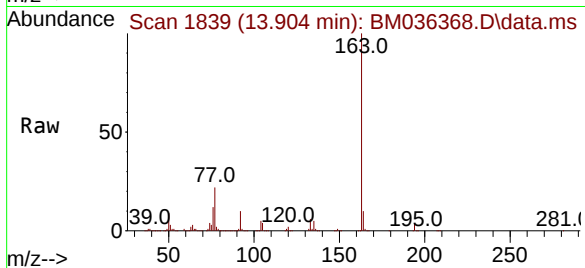
Lab File: BM036368.D

Acq: 22 Aug 2022 16:15

Instrument :

BNA_M

ClientSampleId :



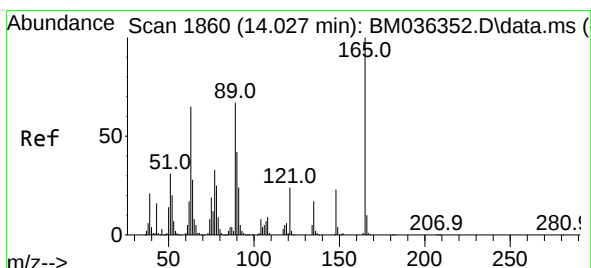
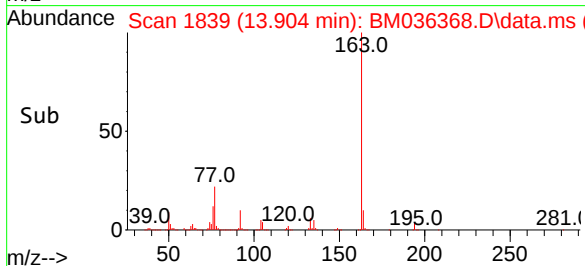
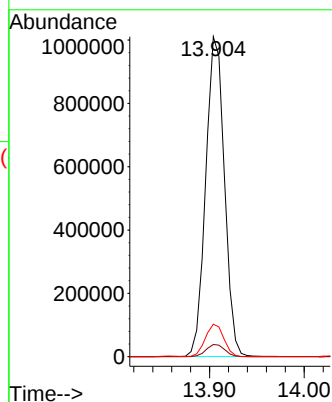
Tgt Ion:163 Resp: 1383868

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

164 10.1 7.9 11.9



#48

2,6-Dinitrotoluene

Concen: 37.953 ng/ul

RT: 14.033 min Scan# 1861

Delta R.T. 0.006 min

Lab File: BM036368.D

Acq: 22 Aug 2022 16:15

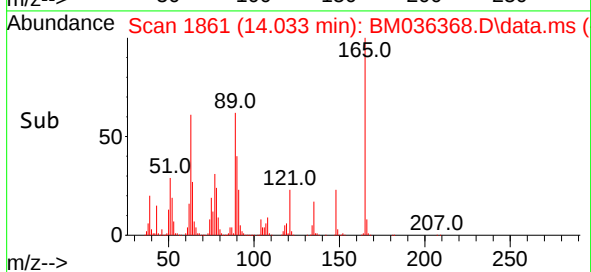
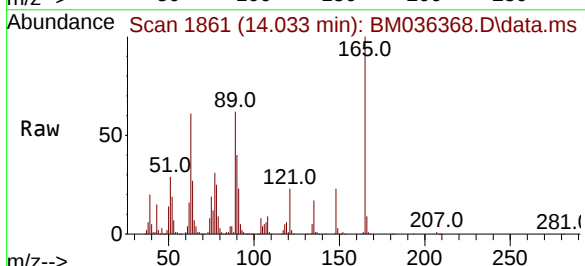
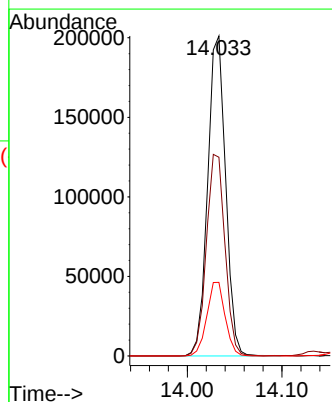
Tgt Ion:165 Resp: 264971

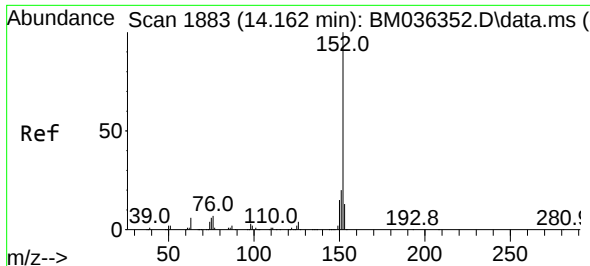
Ion Ratio Lower Upper

165 100

89 62.1 42.5 63.7

121 23.0 17.2 25.8

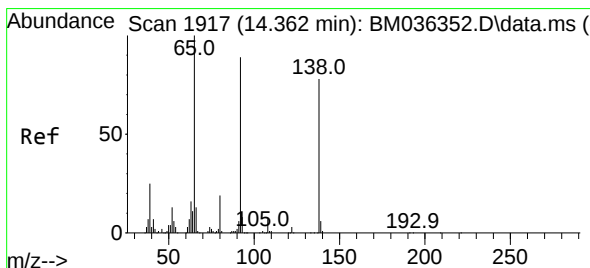
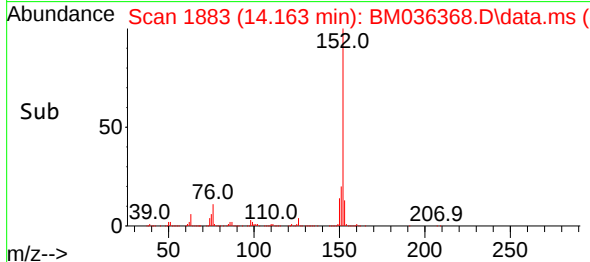
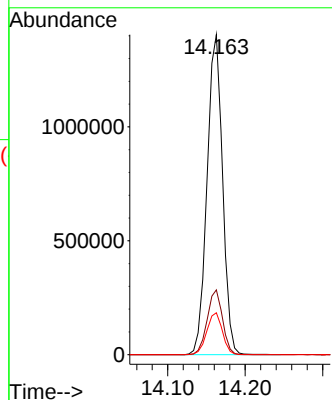
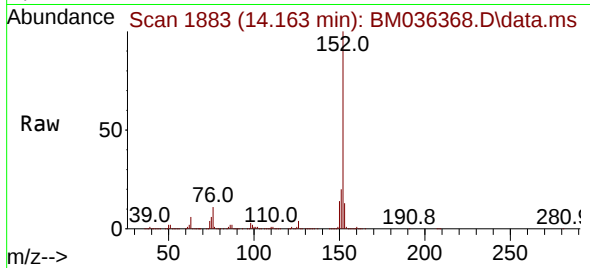




#50
Acenaphthylene
Concen: 36.889 ng/ul
RT: 14.163 min Scan# 1883
Delta R.T. 0.006 min
Lab File: BM036368.D
Acq: 22 Aug 2022 16:15

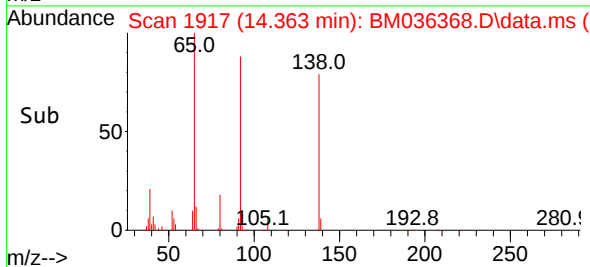
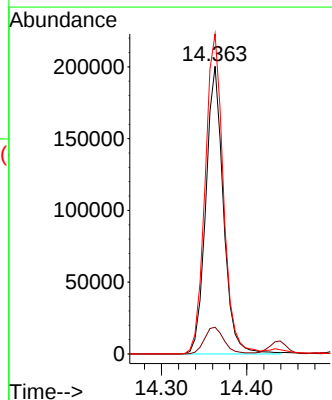
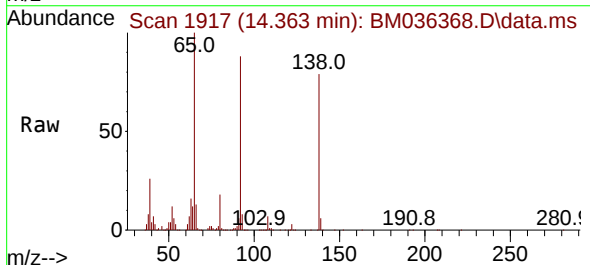
Instrument :
BNA_M
ClientSampleId :

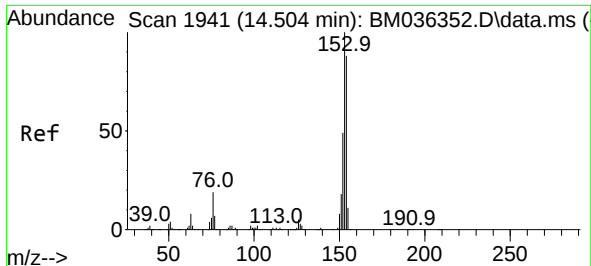
Tgt Ion:152 Resp: 1950419
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 13.1 10.6 15.8



#51
3-Nitroaniline
Concen: 37.642 ng/ul
RT: 14.363 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BM036368.D
Acq: 22 Aug 2022 16:15

Tgt Ion:138 Resp: 287406
Ion Ratio Lower Upper
138 100
108 9.3 8.1 12.1
92 111.2 90.4 135.6

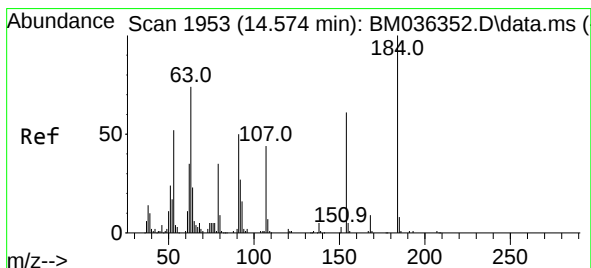
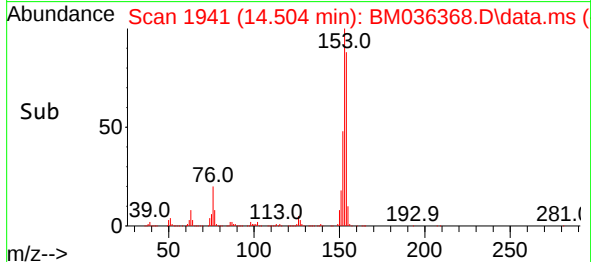
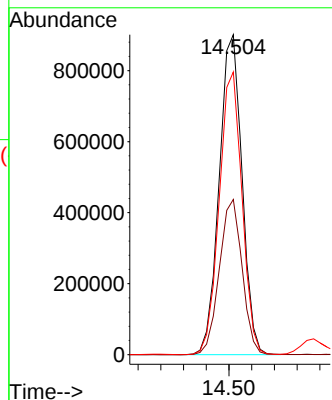
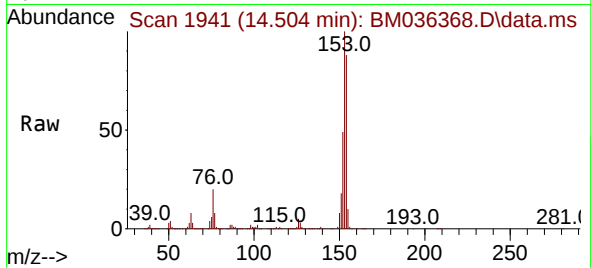




#52
Acenaphthene
Concen: 36.541 ng/ul
RT: 14.504 min Scan# 1941
Delta R.T. 0.006 min
Lab File: BM036368.D
Acq: 22 Aug 2022 16:15

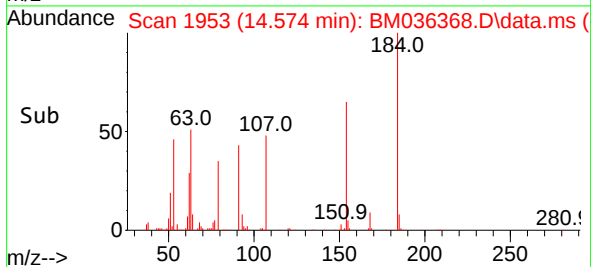
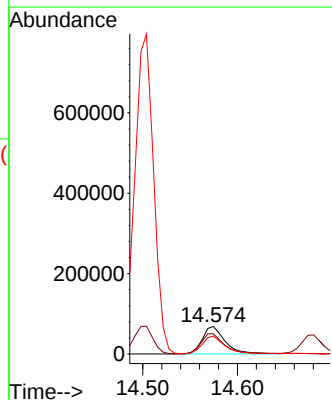
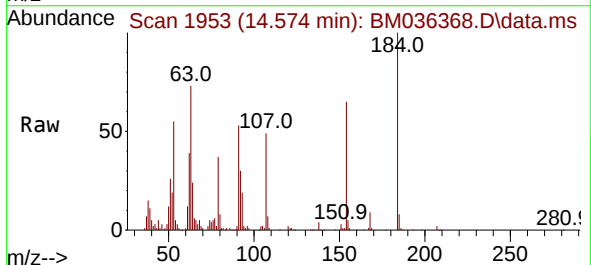
Instrument :
BNA_M
ClientSampleId :

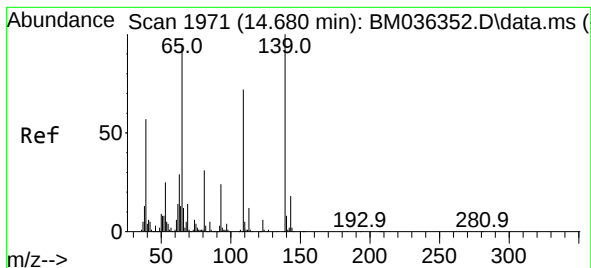
Tgt Ion:153 Resp: 1259290
Ion Ratio Lower Upper
153 100
152 48.5 37.1 55.7
154 88.4 71.3 106.9



#53
2,4-Dinitrophenol
Concen: 29.976 ng/ul
RT: 14.574 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BM036368.D
Acq: 22 Aug 2022 16:15

Tgt Ion:184 Resp: 114054
Ion Ratio Lower Upper
184 100
63 73.2 54.2 81.4
154 65.3 49.3 73.9

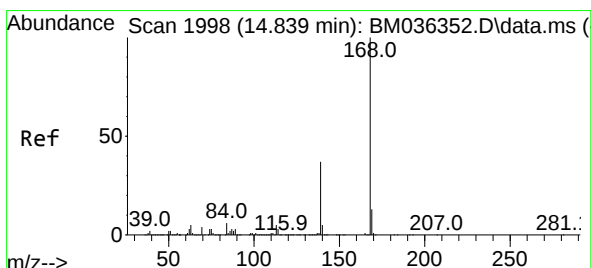
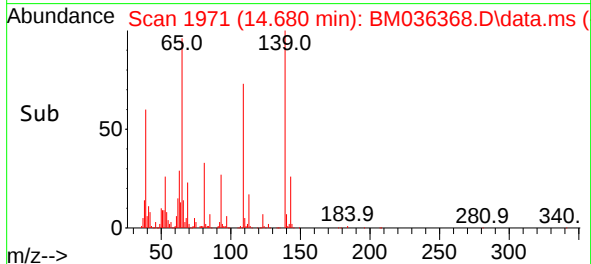
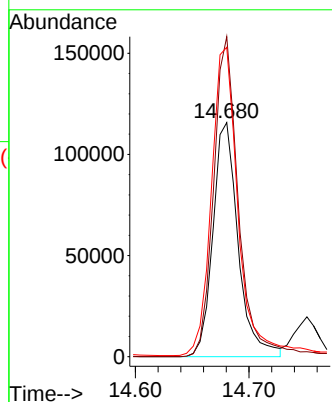
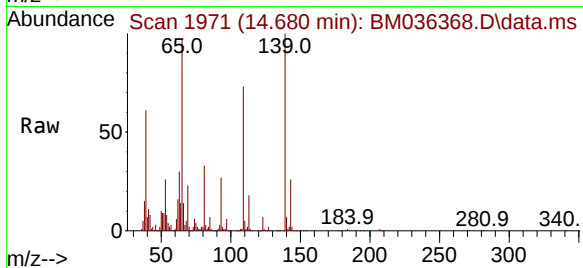




#55
4-Nitrophenol
Concen: 33.201 ng/ul
RT: 14.680 min Scan# 1971
Delta R.T. 0.006 min
Lab File: BM036368.D
Acq: 22 Aug 2022 16:15

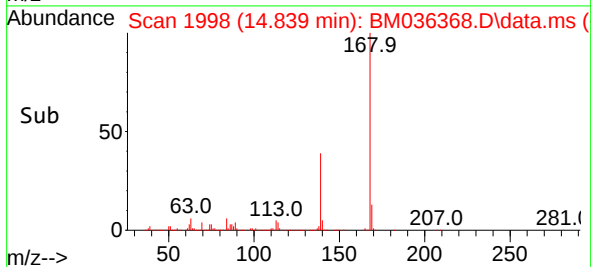
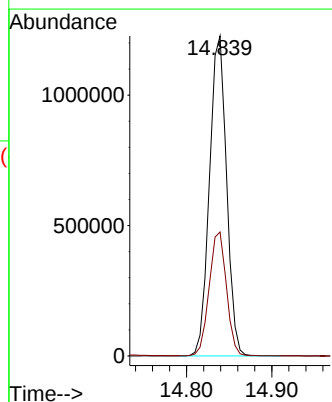
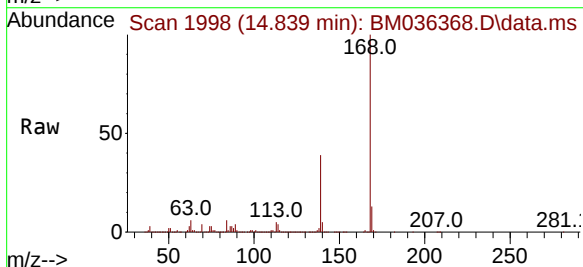
Instrument :
BNA_M
ClientSampleId :

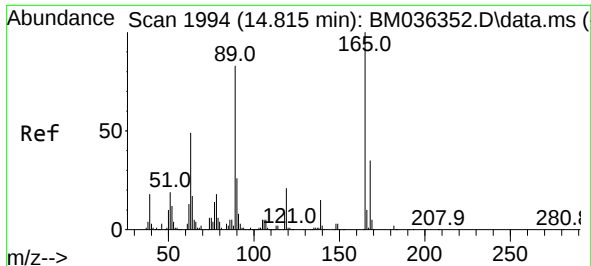
Tgt Ion:109 Resp: 178680
Ion Ratio Lower Upper
109 100
139 136.7 124.9 187.3
65 132.2 122.2 183.4



#56
Dibenzofuran
Concen: 35.872 ng/ul
RT: 14.839 min Scan# 1998
Delta R.T. 0.006 min
Lab File: BM036368.D
Acq: 22 Aug 2022 16:15

Tgt Ion:168 Resp: 1715318
Ion Ratio Lower Upper
168 100
139 38.8 30.1 45.1

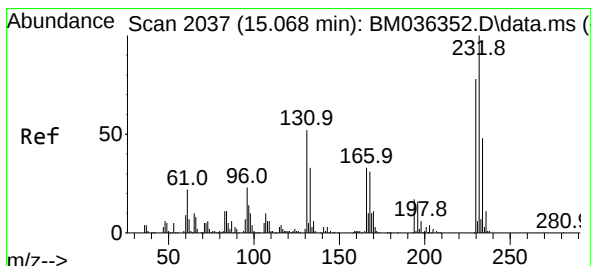
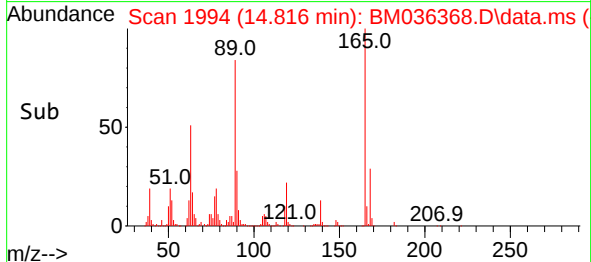
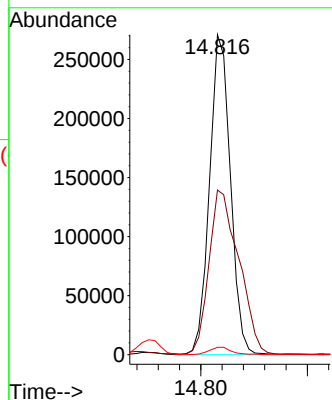
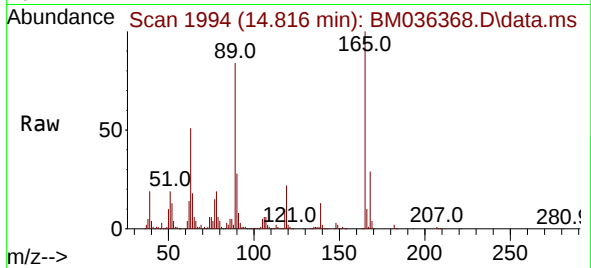




#57
2,4-Dinitrotoluene
Concen: 37.205 ng/ul
RT: 14.816 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BM036368.D
Acq: 22 Aug 2022 16:15

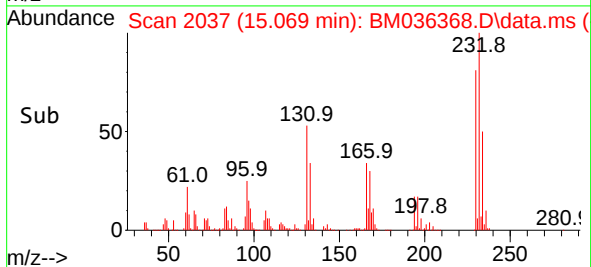
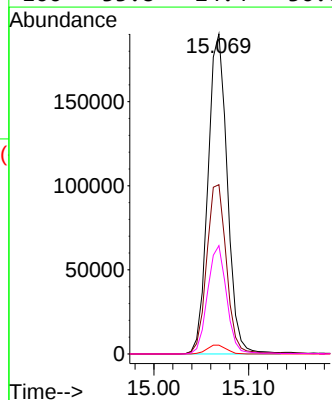
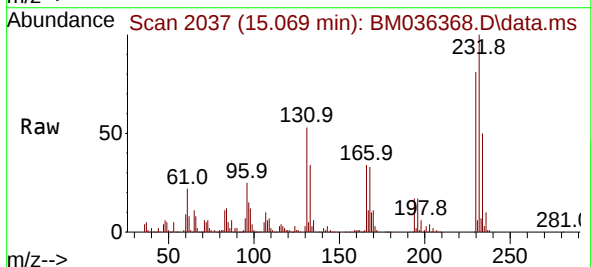
Instrument :
BNA_M
ClientSampleId :

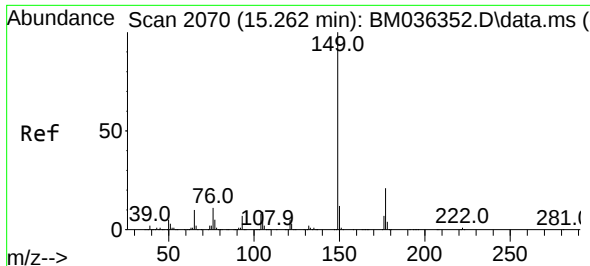
Tgt Ion:165 Resp: 368383
Ion Ratio Lower Upper
165 100
63 51.5 35.9 53.9
182 2.3 2.5 3.7#



#58
2,3,4,6-Tetrachlorophenol
Concen: 33.971 ng/ul
RT: 15.069 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BM036368.D
Acq: 22 Aug 2022 16:15

Tgt Ion:232 Resp: 270383
Ion Ratio Lower Upper
232 100
131 52.9 36.7 55.1
130 2.8 1.7 2.5#
166 33.8 24.4 36.6

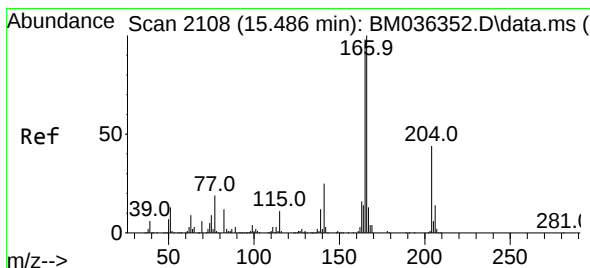
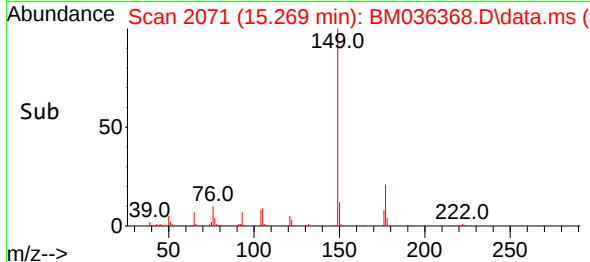
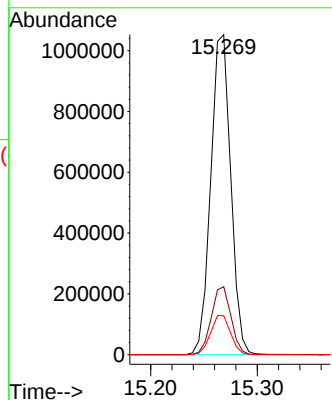
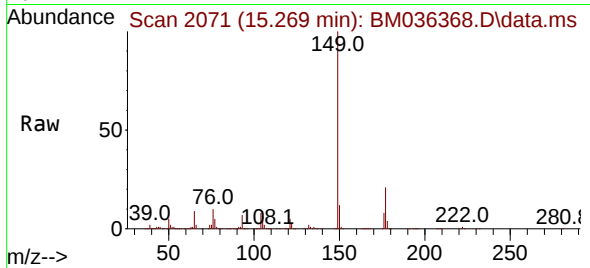




#59
Diethylphthalate
Concen: 37.724 ng/ul
RT: 15.269 min Scan# 2071
Delta R.T. 0.006 min
Lab File: BM036368.D
Acq: 22 Aug 2022 16:15

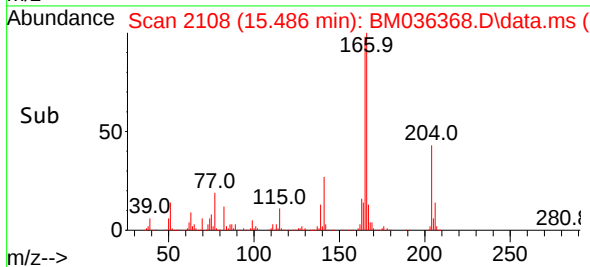
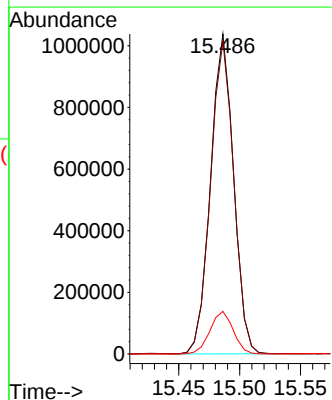
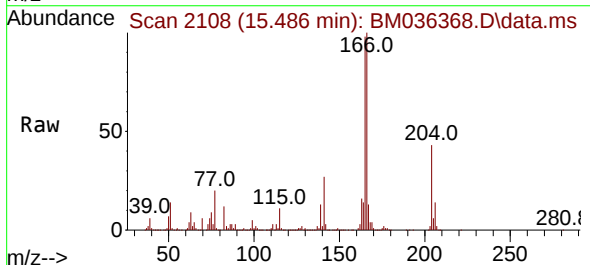
Instrument :
BNA_M
ClientSampleId :

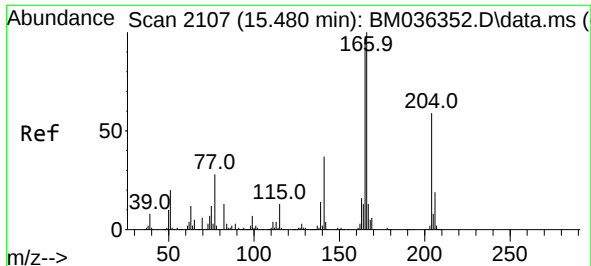
Tgt Ion:149 Resp: 1375997
Ion Ratio Lower Upper
149 100
177 21.2 16.8 25.2
150 12.2 10.2 15.4



#61
Fluorene
Concen: 35.987 ng/ul
RT: 15.486 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BM036368.D
Acq: 22 Aug 2022 16:15

Tgt Ion:166 Resp: 1364901
Ion Ratio Lower Upper
166 100
165 97.7 77.2 115.8
167 13.3 11.0 16.4

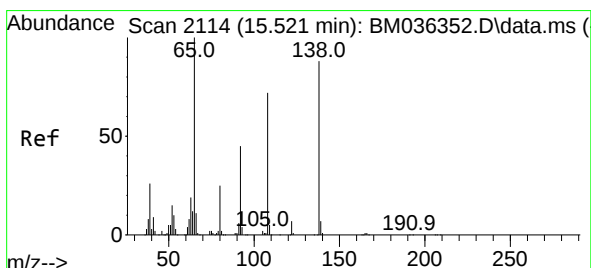
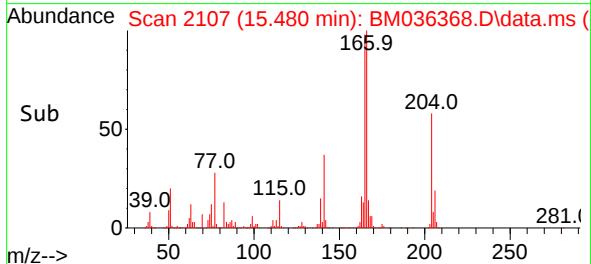
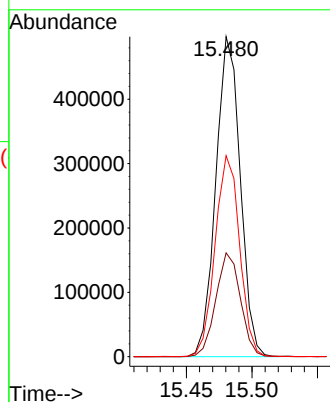
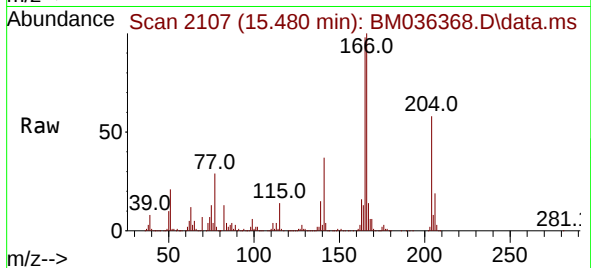




#62
4-Chlorophenyl-phenylether
Concen: 36.330 ng/ul
RT: 15.480 min Scan# 2107
Delta R.T. 0.000 min
Lab File: BM036368.D
Acq: 22 Aug 2022 16:15

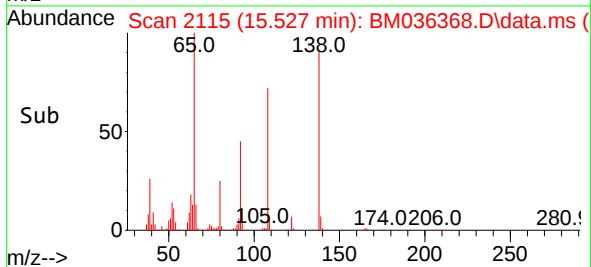
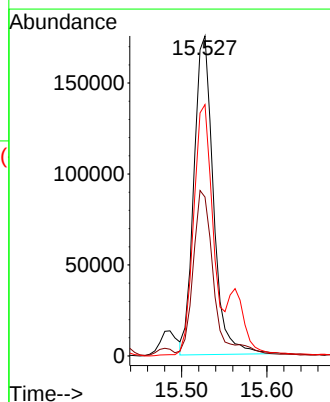
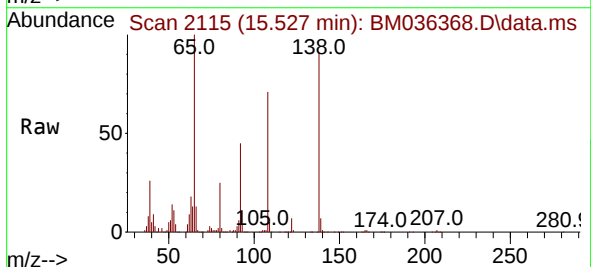
Instrument :
BNA_M
ClientSampleId :

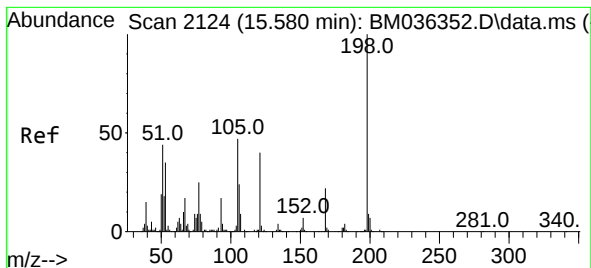
Tgt Ion:204 Resp: 643657
Ion Ratio Lower Upper
204 100
206 32.4 25.9 38.9
141 62.8 50.6 75.8



#63
4-Nitroaniline
Concen: 39.005 ng/ul
RT: 15.527 min Scan# 2115
Delta R.T. 0.006 min
Lab File: BM036368.D
Acq: 22 Aug 2022 16:15

Tgt Ion:138 Resp: 277806
Ion Ratio Lower Upper
138 100
92 49.6 39.2 58.8
108 78.5 51.6 77.4#

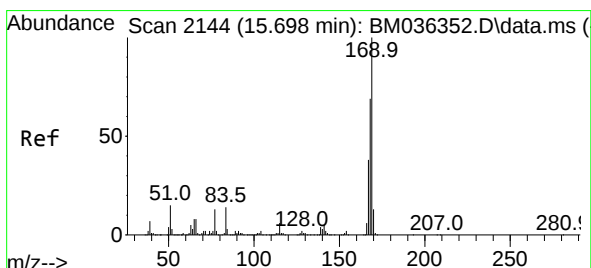
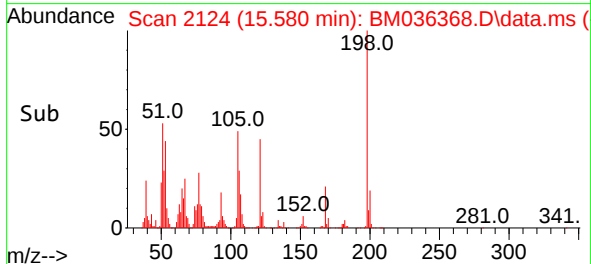
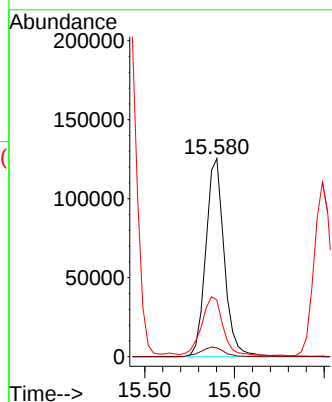
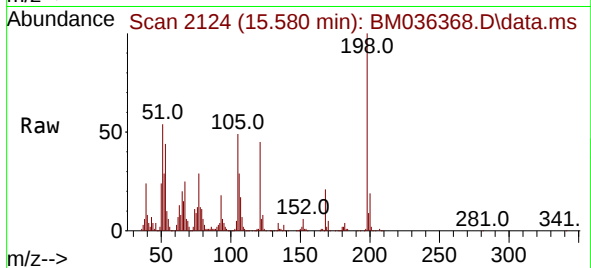




#66
 4,6-Dinitro-2-methylphenol
 Concen: 34.566 ng/ul
 RT: 15.580 min Scan# 2124
 Delta R.T. 0.006 min
 Lab File: BM036368.D
 Acq: 22 Aug 2022 16:15

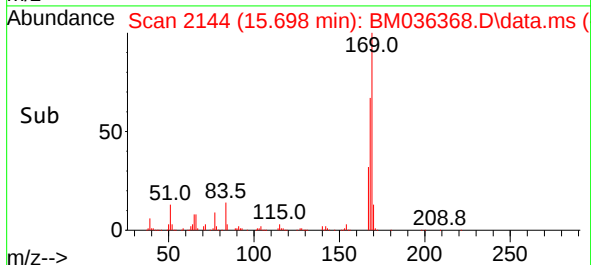
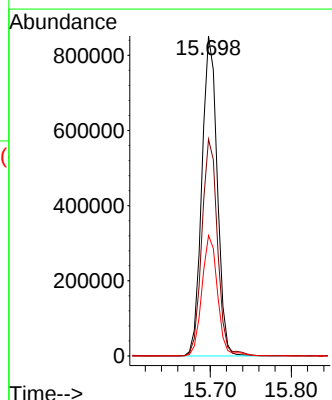
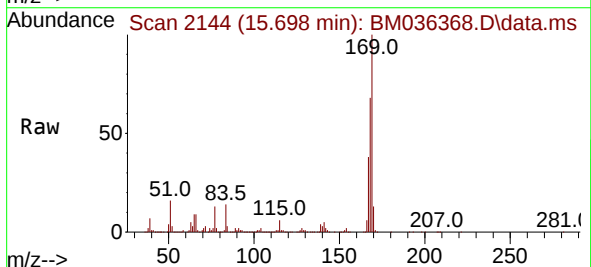
Instrument :
 BNA_M
 ClientSampleId :

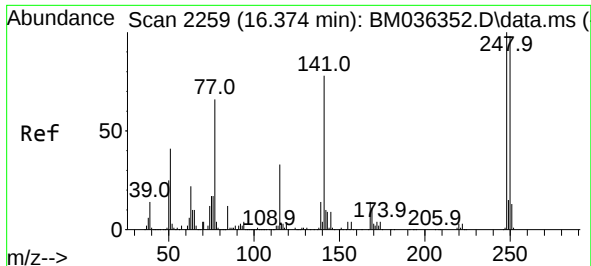
Tgt Ion:198 Resp: 178872
 Ion Ratio Lower Upper
 198 100
 182 4.5 4.2 6.4
 77 28.6 19.9 29.9



#67
 N-Nitrosodiphenylamine
 Concen: 39.303 ng/ul
 RT: 15.698 min Scan# 2144
 Delta R.T. 0.000 min
 Lab File: BM036368.D
 Acq: 22 Aug 2022 16:15

Tgt Ion:169 Resp: 1118600
 Ion Ratio Lower Upper
 169 100
 168 67.7 53.8 80.6
 167 37.6 28.7 43.1

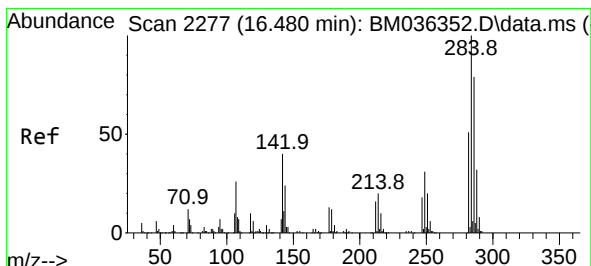
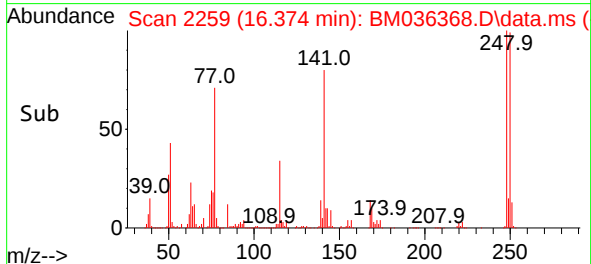
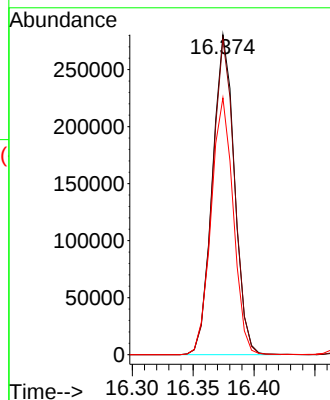
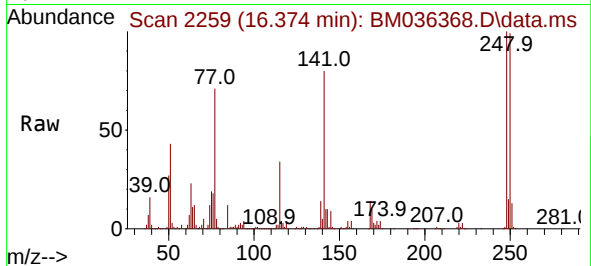




#68
4-Bromophenyl-phenylether
Concen: 38.409 ng/ul
RT: 16.374 min Scan# 2259
Delta R.T. 0.000 min
Lab File: BM036368.D
Acq: 22 Aug 2022 16:15

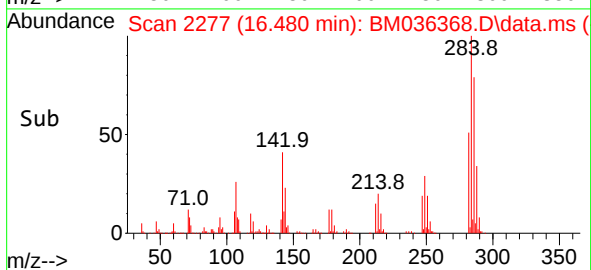
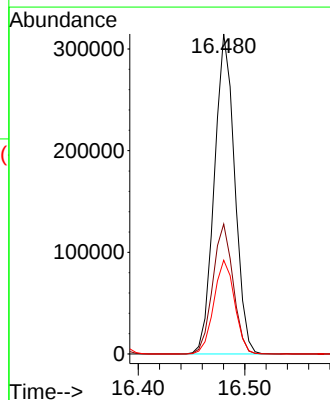
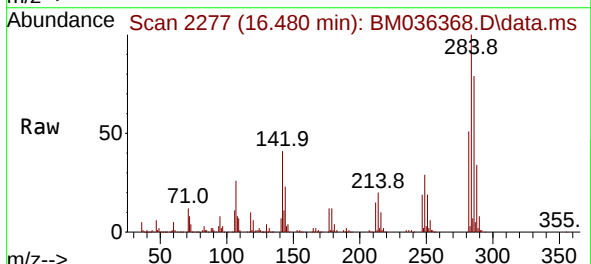
Instrument :
BNA_M
ClientSampleId :

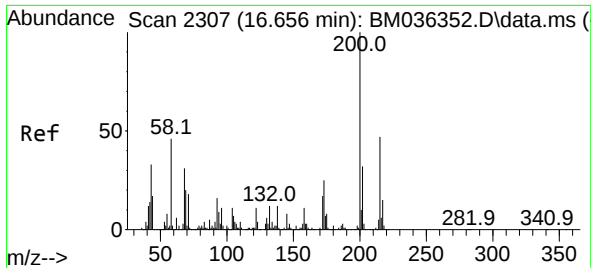
Tgt Ion:248 Resp: 354063
Ion Ratio Lower Upper
248 100
250 98.6 77.3 115.9
141 80.3 59.8 89.8



#69
Hexachlorobenzene
Concen: 37.322 ng/ul
RT: 16.480 min Scan# 2277
Delta R.T. 0.000 min
Lab File: BM036368.D
Acq: 22 Aug 2022 16:15

Tgt Ion:284 Resp: 416919
Ion Ratio Lower Upper
284 100
142 40.6 28.6 42.8
249 29.3 24.6 37.0

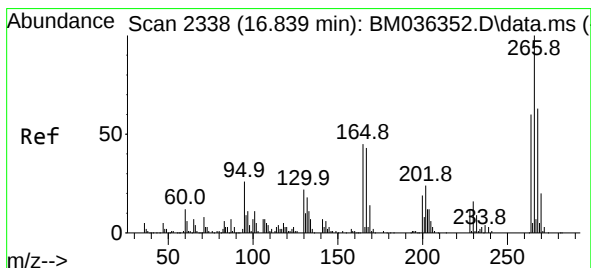
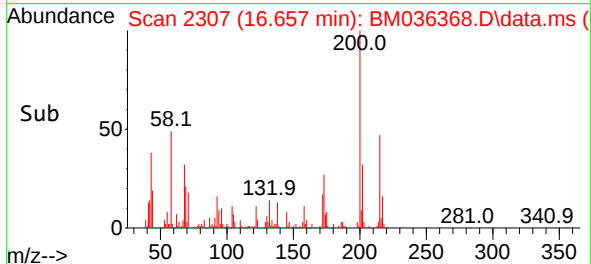
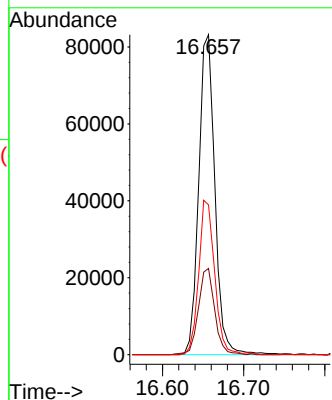
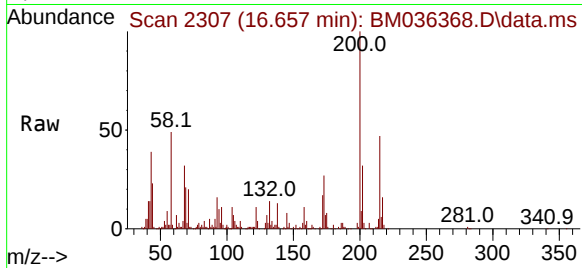




#70
Atrazine
Concen: 11.844 ng/ul
RT: 16.657 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM036368.D
Acq: 22 Aug 2022 16:15

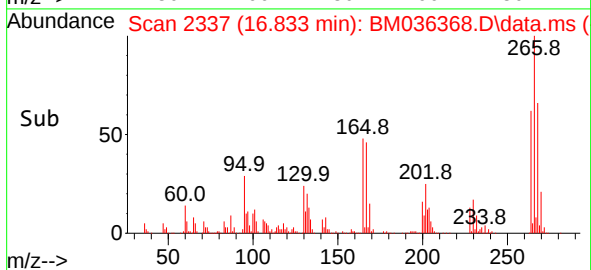
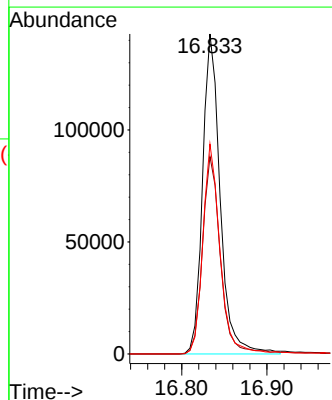
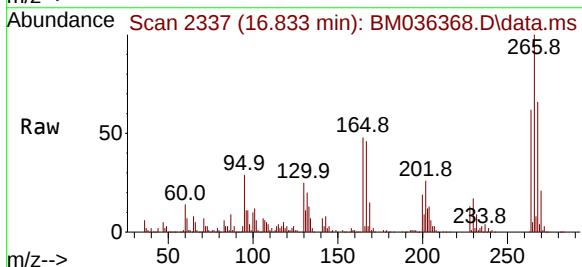
Instrument :
BNA_M
ClientSampleId :

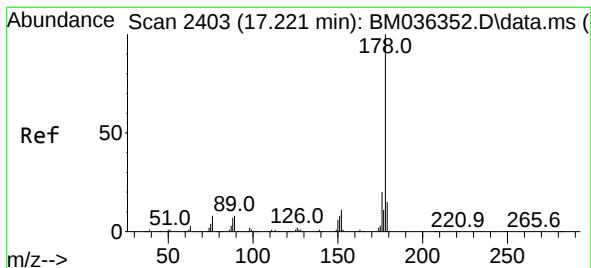
Tgt Ion:200 Resp: 115181
Ion Ratio Lower Upper
200 100
173 27.0 21.3 31.9
215 46.8 39.0 58.6



#71
Pentachlorophenol
Concen: 33.367 ng/ul
RT: 16.833 min Scan# 2337
Delta R.T. 0.000 min
Lab File: BM036368.D
Acq: 22 Aug 2022 16:15

Tgt Ion:266 Resp: 205497
Ion Ratio Lower Upper
266 100
264 61.7 49.5 74.3
268 65.6 51.0 76.4





#72

Phenanthrene

Concen: 37.341 ng/ul

RT: 17.221 min Scan# 2403

Delta R.T. 0.000 min

Lab File: BM036368.D

Acq: 22 Aug 2022 16:15

Instrument :

BNA_M

ClientSampleId :

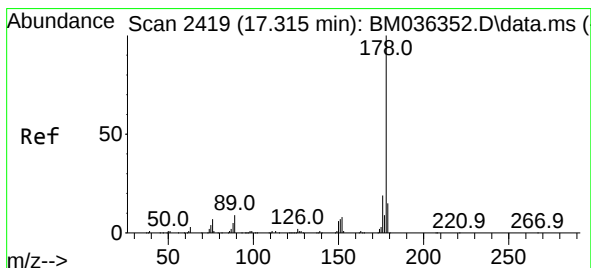
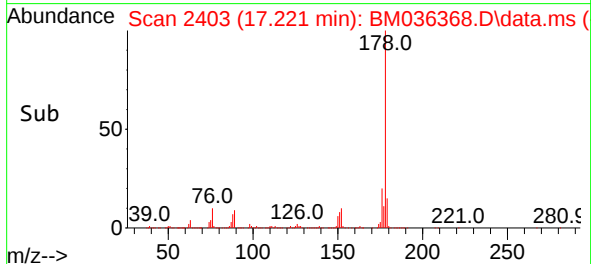
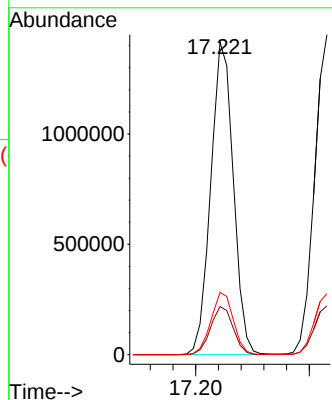
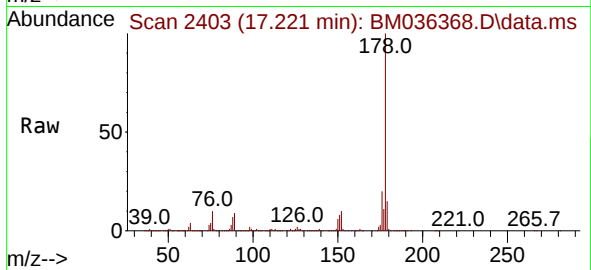
Tgt Ion:178 Resp: 1954247

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.2

176 19.9 14.9 22.3



#74

Anthracene

Concen: 37.683 ng/ul

RT: 17.315 min Scan# 2419

Delta R.T. 0.000 min

Lab File: BM036368.D

Acq: 22 Aug 2022 16:15

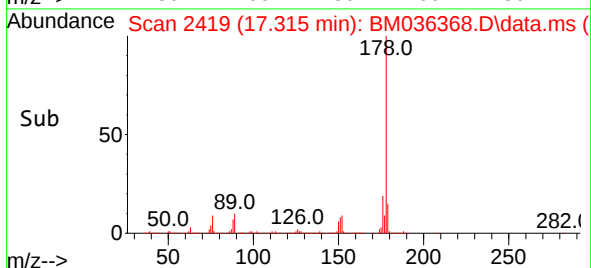
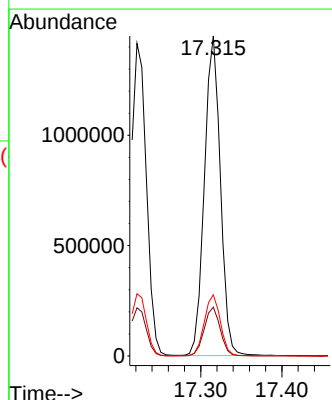
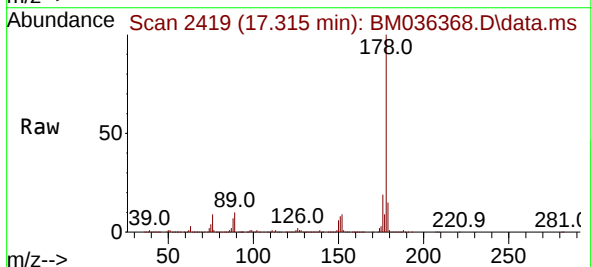
Tgt Ion:178 Resp: 1977152

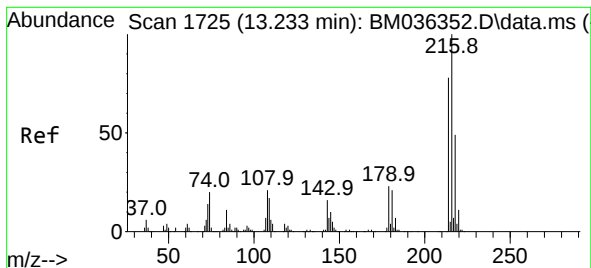
Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.2

176 19.1 14.4 21.6

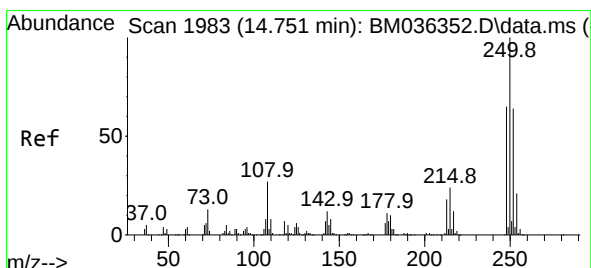
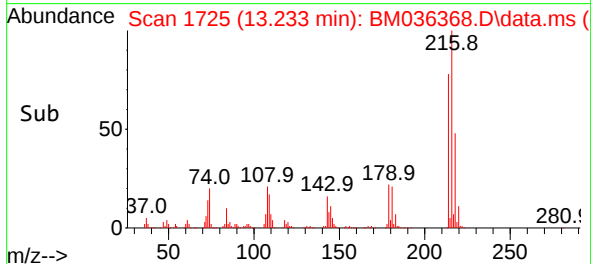
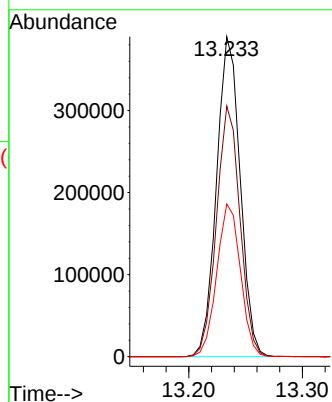
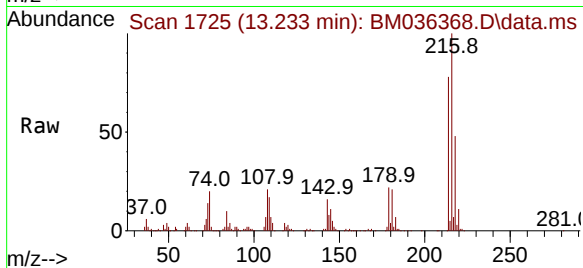




#75
1,2,3,4-Tetrachlorobenzene
Concen: 37.833 ng/uL
RT: 13.233 min Scan# 1725
Delta R.T. 0.000 min
Lab File: BM036368.D
Acq: 22 Aug 2022 16:15

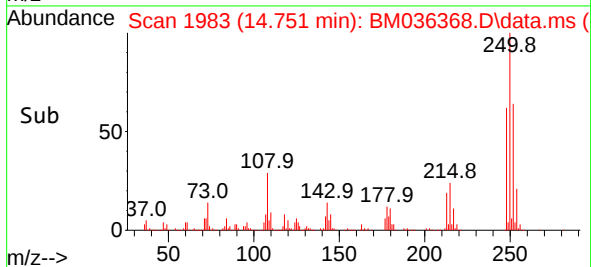
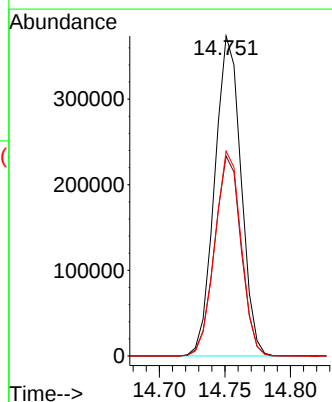
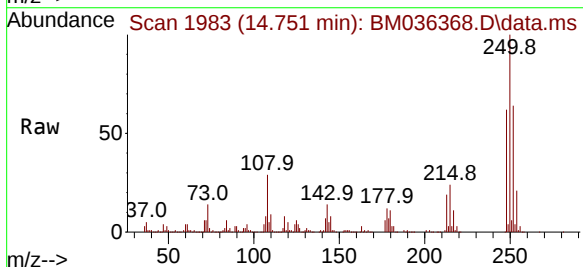
Instrument :
BNA_M
ClientSampleId :

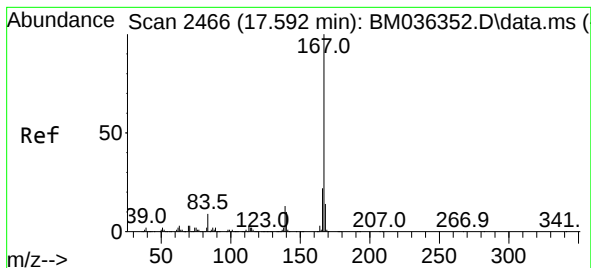
Tgt Ion:216 Resp: 565121
Ion Ratio Lower Upper
216 100
214 78.4 60.9 91.3
218 47.7 37.5 56.3



#76
Pentachlorobenzene
Concen: 37.356 ng/uL
RT: 14.751 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BM036368.D
Acq: 22 Aug 2022 16:15

Tgt Ion:250 Resp: 521024
Ion Ratio Lower Upper
250 100
248 62.4 50.4 75.6
252 64.0 51.1 76.7





#77

Carbazole

Concen: 36.248 ng/ul

RT: 17.592 min Scan# 2466

Delta R.T. 0.000 min

Lab File: BM036368.D

Acq: 22 Aug 2022 16:15

Instrument :

BNA_M

ClientSampleId :

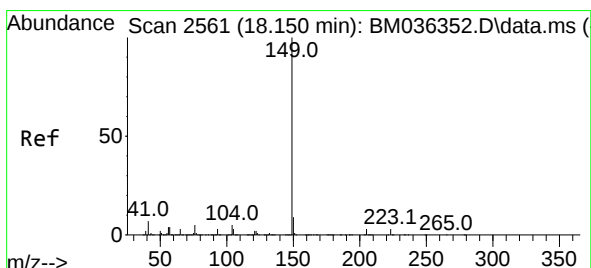
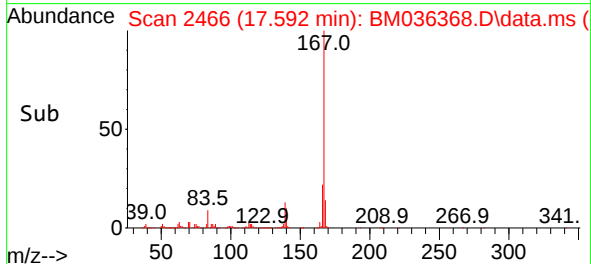
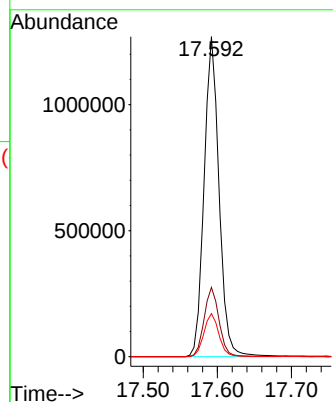
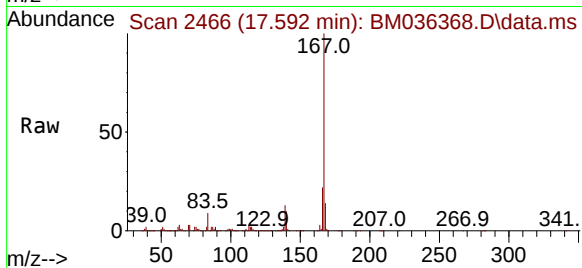
Tgt Ion:167 Resp: 1780743

Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.0

139 13.4 10.1 15.1



#78

Di-n-butylphthalate

Concen: 39.662 ng/ul

RT: 18.151 min Scan# 2561

Delta R.T. 0.000 min

Lab File: BM036368.D

Acq: 22 Aug 2022 16:15

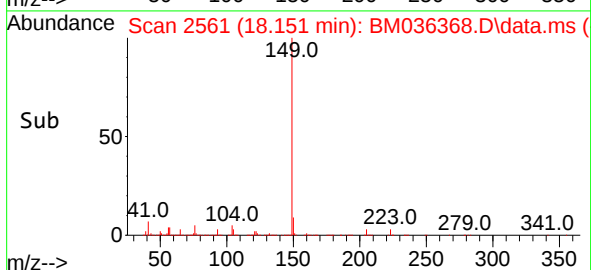
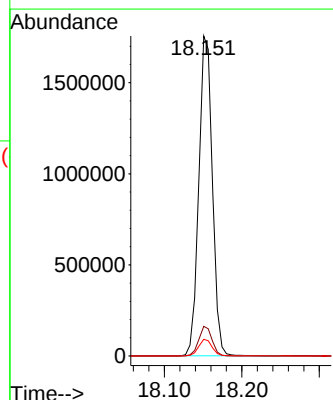
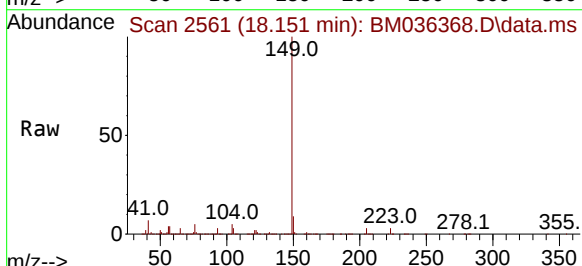
Tgt Ion:149 Resp: 2131110

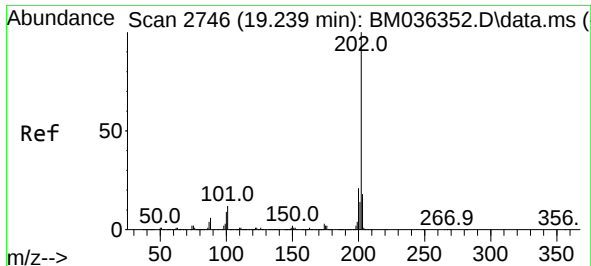
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 5.2 3.7 5.5

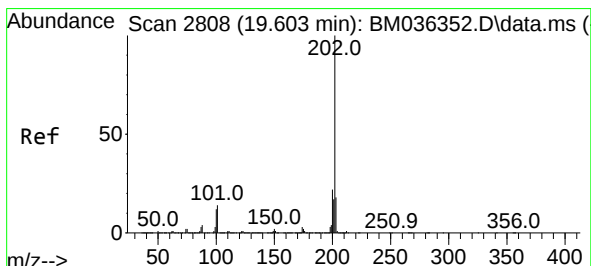
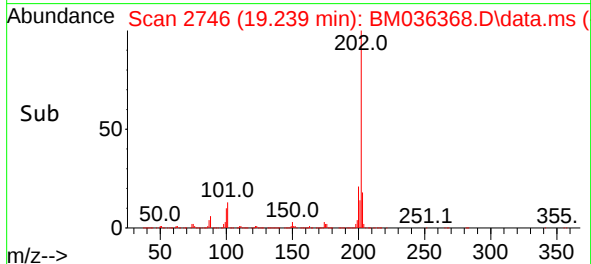
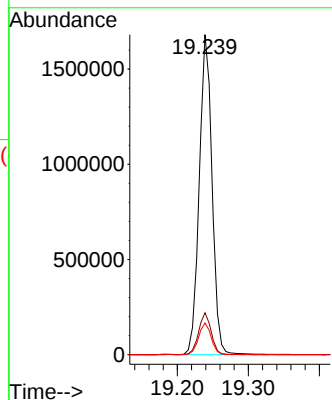
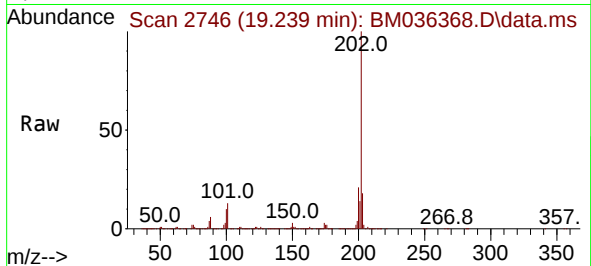




#80
Fluoranthene
Concen: 38.833 ng/ul
RT: 19.239 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM036368.D
Acq: 22 Aug 2022 16:15

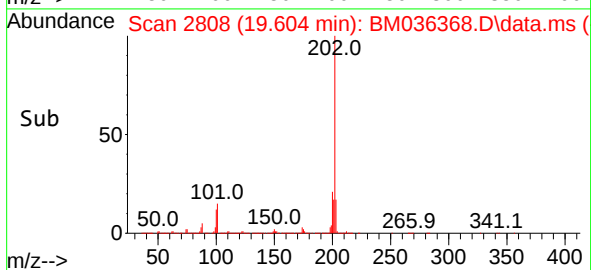
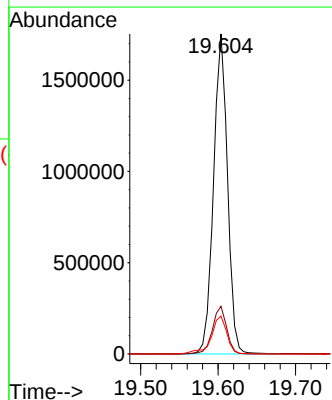
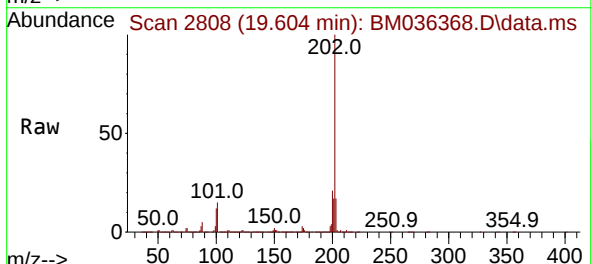
Instrument :
BNA_M
ClientSampleId :

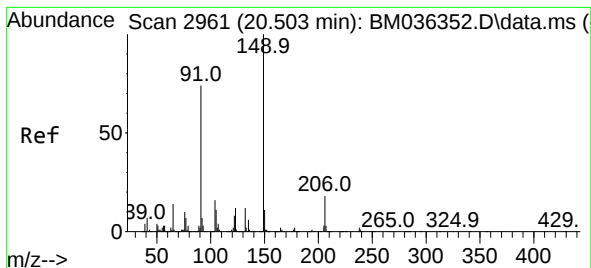
Tgt Ion:202 Resp: 2109497
Ion Ratio Lower Upper
202 100
101 13.1 10.1 15.1
100 9.9 7.8 11.6



#82
Pyrene
Concen: 38.718 ng/ul
RT: 19.604 min Scan# 2808
Delta R.T. 0.000 min
Lab File: BM036368.D
Acq: 22 Aug 2022 16:15

Tgt Ion:202 Resp: 2194807
Ion Ratio Lower Upper
202 100
101 14.9 11.9 17.9
100 11.8 10.2 15.4





#83

Butylbenzylphthalate

Concen: 39.389 ng/ul

RT: 20.504 min Scan# 2961

Delta R.T. 0.000 min

Lab File: BM036368.D

Acq: 22 Aug 2022 16:15

Instrument :

BNA_M

ClientSampleId :

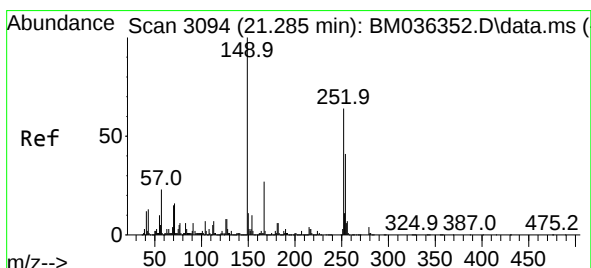
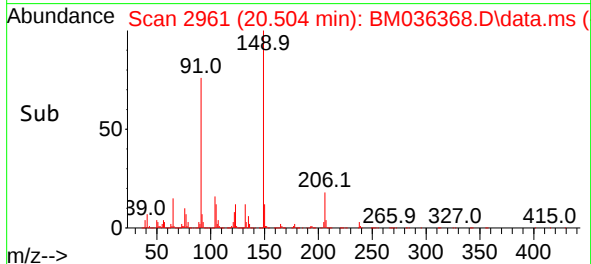
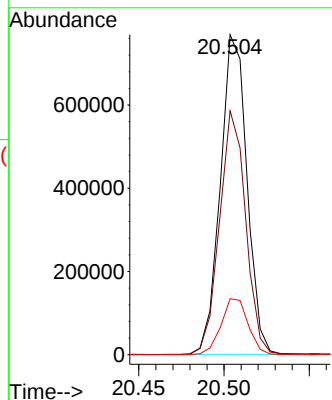
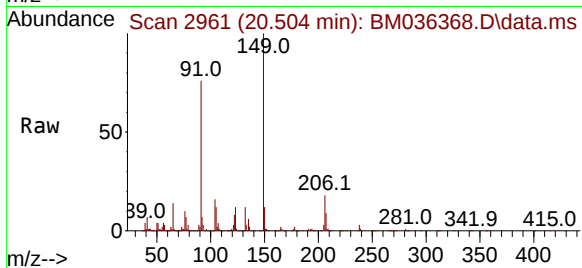
Tgt Ion:149 Resp: 835336

Ion Ratio Lower Upper

149 100

91 76.2 53.2 79.8

206 17.5 16.0 24.0



#84

3,3'-Dichlorobenzidine

Concen: 35.416 ng/ul

RT: 21.286 min Scan# 3094

Delta R.T. 0.000 min

Lab File: BM036368.D

Acq: 22 Aug 2022 16:15

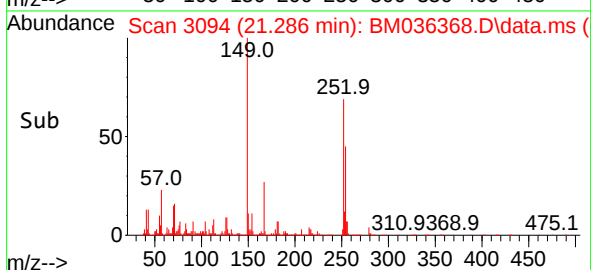
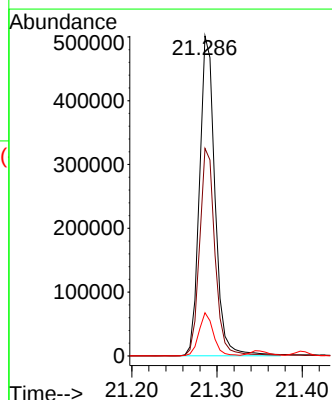
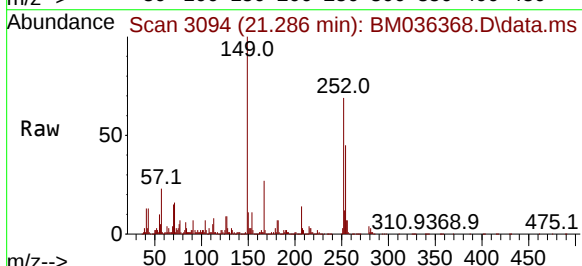
Tgt Ion:252 Resp: 631939

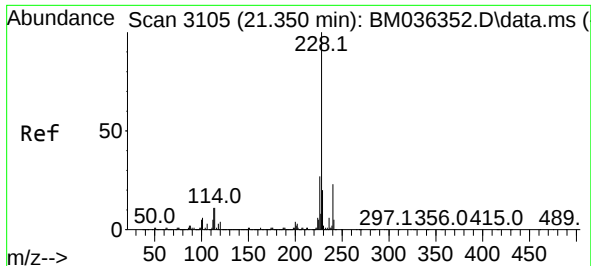
Ion Ratio Lower Upper

252 100

254 64.9 52.4 78.6

126 13.5 10.8 16.2

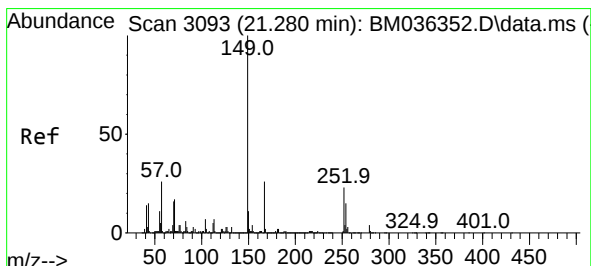
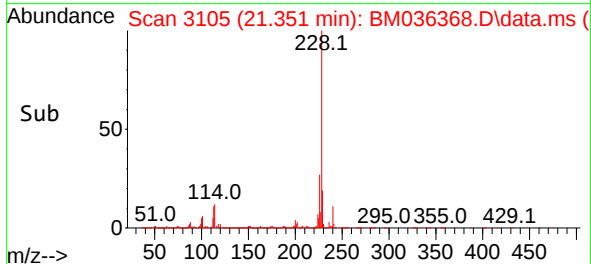
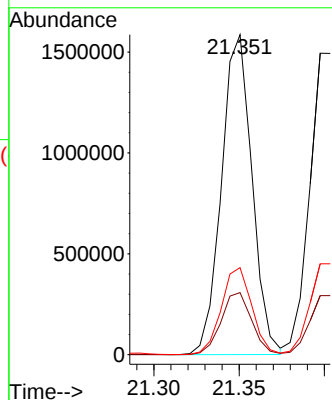
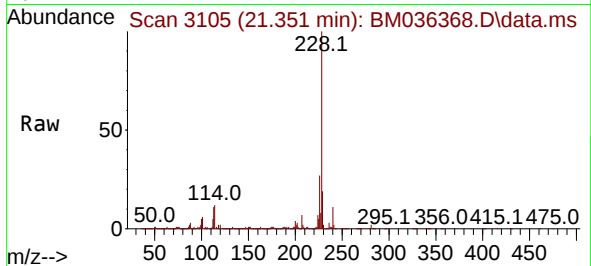




#85
Benzo(a)anthracene
Concen: 37.928 ng/ul
RT: 21.351 min Scan# 3105
Delta R.T. 0.000 min
Lab File: BM036368.D
Acq: 22 Aug 2022 16:15

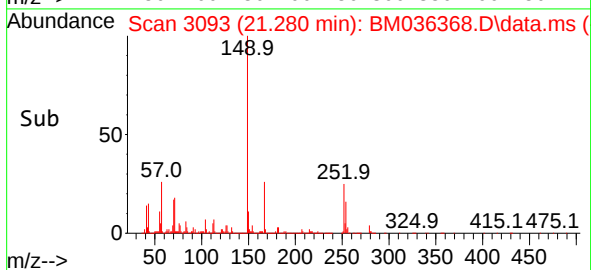
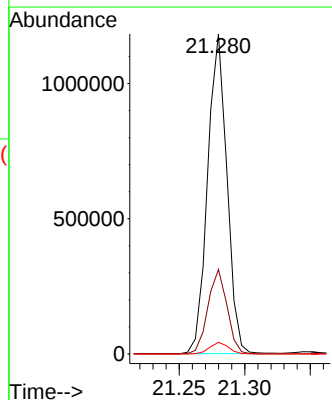
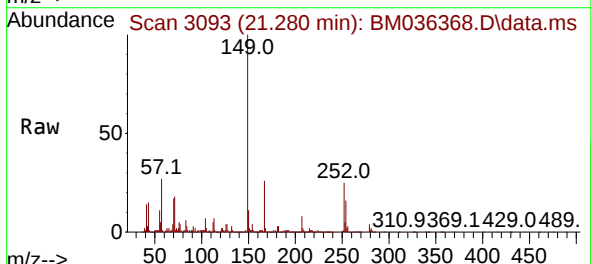
Instrument :
BNA_M
ClientSampleId :

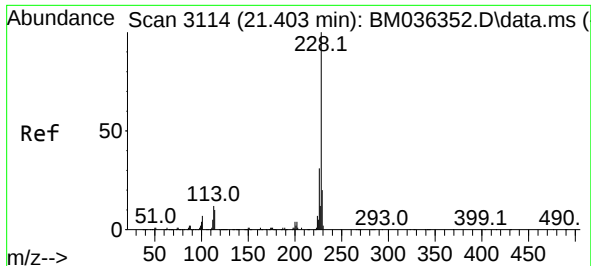
Tgt Ion:228 Resp: 1974930
Ion Ratio Lower Upper
228 100
229 19.4 15.6 23.4
226 27.2 21.7 32.5



#86
Bis(2-ethylhexyl)phthalate
Concen: 41.301 ng/ul
RT: 21.280 min Scan# 3093
Delta R.T. 0.000 min
Lab File: BM036368.D
Acq: 22 Aug 2022 16:15

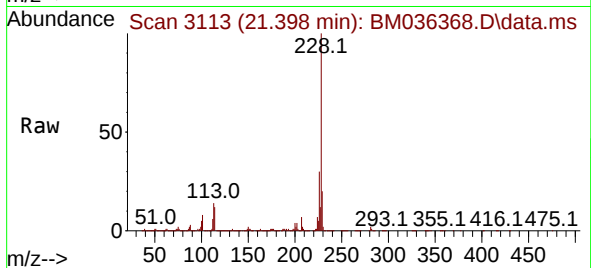
Tgt Ion:149 Resp: 1209336
Ion Ratio Lower Upper
149 100
167 26.4 21.5 32.3
279 3.7 3.4 5.2



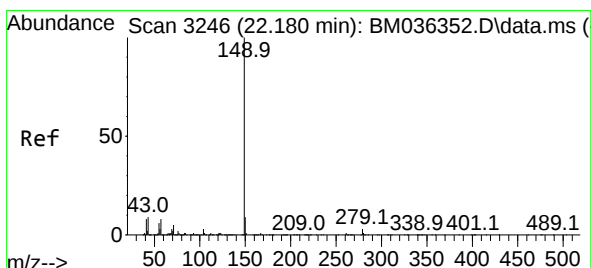
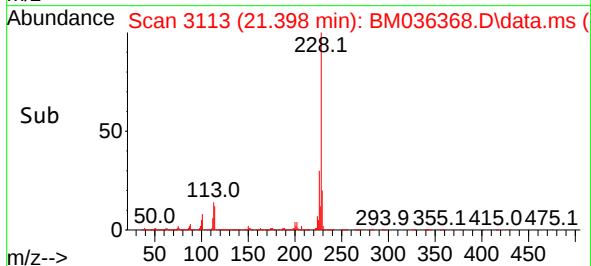
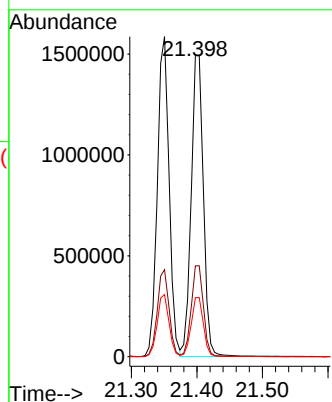


#87
Chrysene
Concen: 37.689 ng/ul
RT: 21.398 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BM036368.D
Acq: 22 Aug 2022 16:15

Instrument :
BNA_M
ClientSampleId :

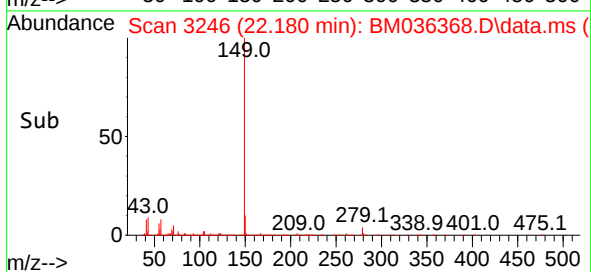
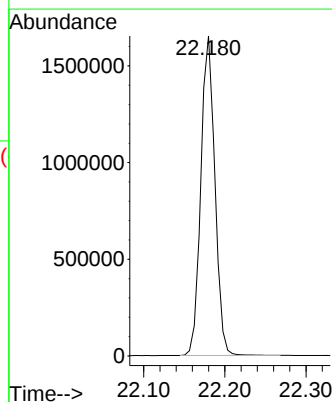
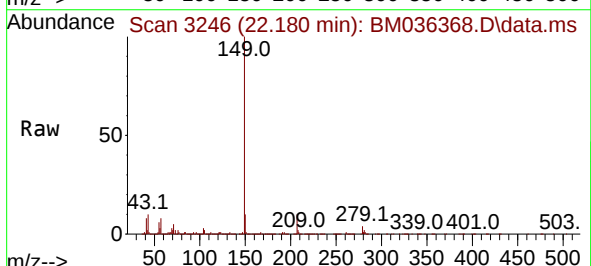


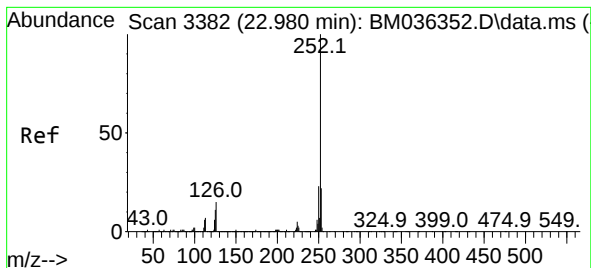
Tgt Ion:228 Resp: 1928319
Ion Ratio Lower Upper
228 100
226 30.1 23.7 35.5
229 19.6 15.5 23.3



#89
Di-n-octyl phthalate
Concen: 38.953 ng/ul
RT: 22.180 min Scan# 3246
Delta R.T. 0.000 min
Lab File: BM036368.D
Acq: 22 Aug 2022 16:15

Tgt Ion:149 Resp: 1987878





#90

Benzo(b)fluoranthene

Concen: 38.079 ng/ul

RT: 22.980 min Scan# 3382

Delta R.T. 0.000 min

Lab File: BM036368.D

Acq: 22 Aug 2022 16:15

Instrument :

BNA_M

ClientSampleId :

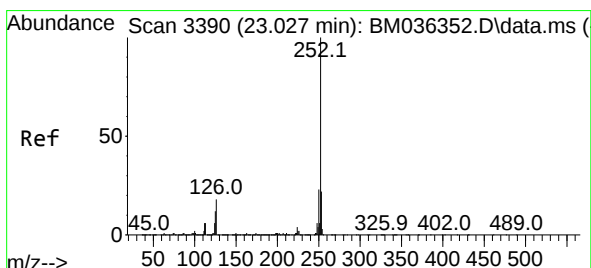
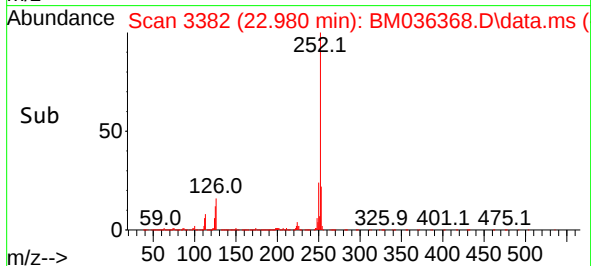
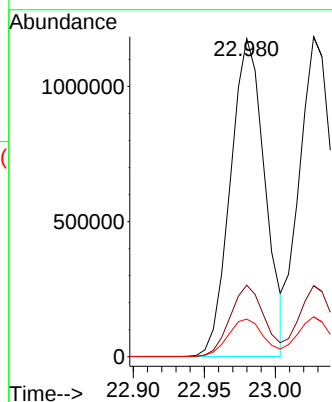
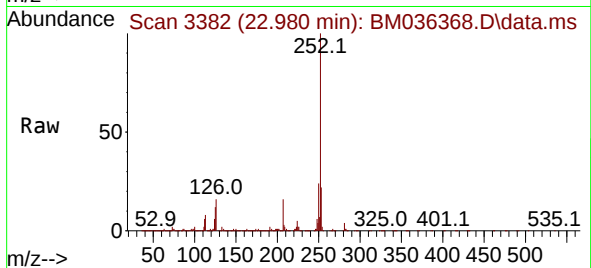
Tgt Ion:252 Resp: 1993046

Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

125 11.8 10.7 16.1



#91

Benzo(k)fluoranthene

Concen: 38.856 ng/ul

RT: 23.027 min Scan# 3390

Delta R.T. 0.000 min

Lab File: BM036368.D

Acq: 22 Aug 2022 16:15

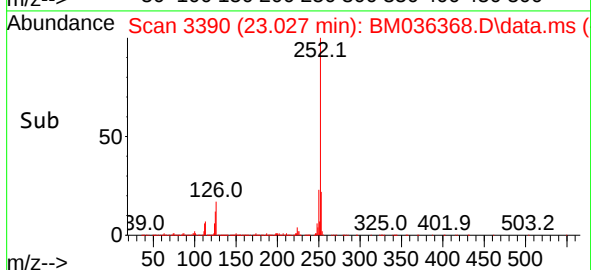
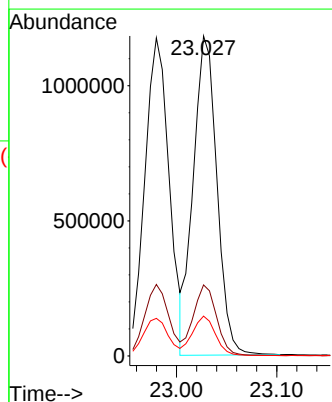
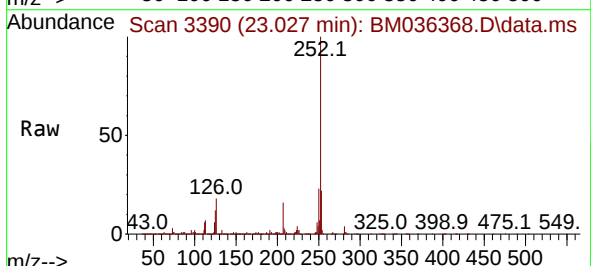
Tgt Ion:252 Resp: 1934852

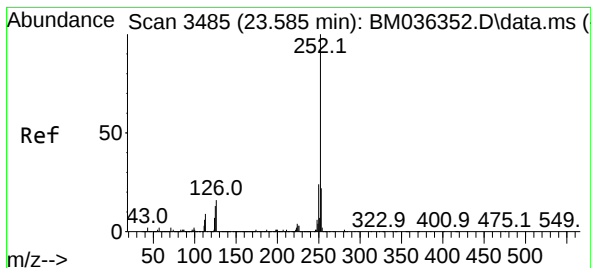
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 12.4 10.6 15.8





#93

Benzo(a)pyrene

Concen: 38.713 ng/ul

RT: 23.586 min Scan# 3485

Delta R.T. 0.000 min

Lab File: BM036368.D

Acq: 22 Aug 2022 16:15

Instrument :

BNA_M

ClientSampleId :

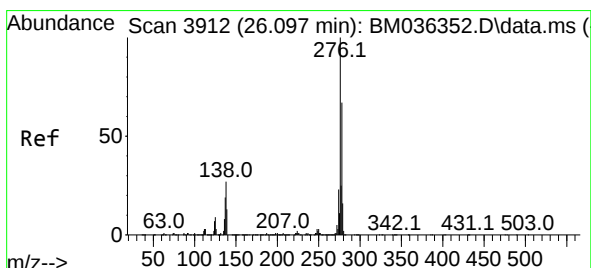
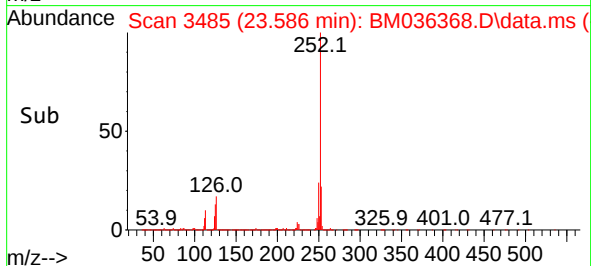
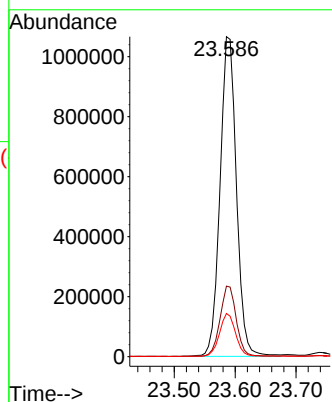
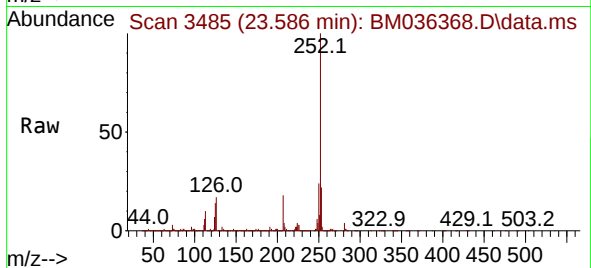
Tgt Ion:252 Resp: 1993349

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 13.5 11.8 17.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 37.334 ng/ul

RT: 26.097 min Scan# 3912

Delta R.T. -0.006 min

Lab File: BM036368.D

Acq: 22 Aug 2022 16:15

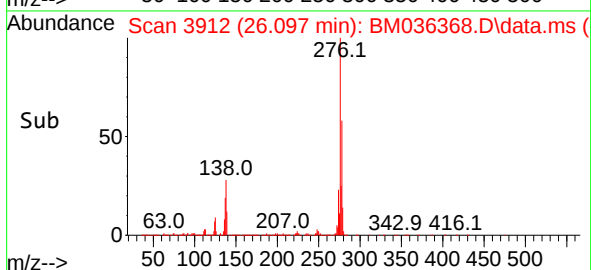
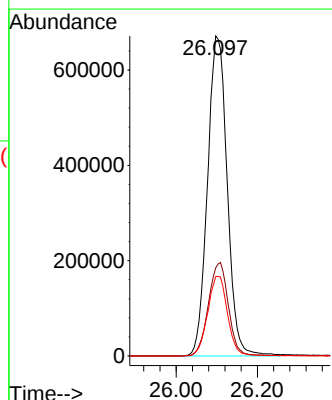
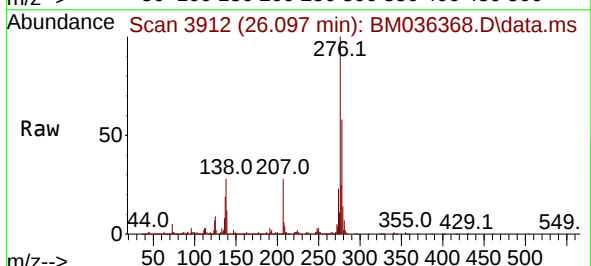
Tgt Ion:276 Resp: 2260209

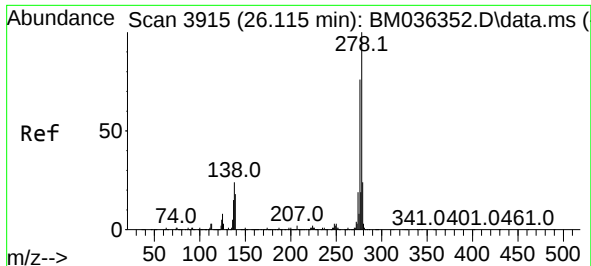
Ion Ratio Lower Upper

276 100

138 27.5 25.6 38.4

277 24.8 20.1 30.1

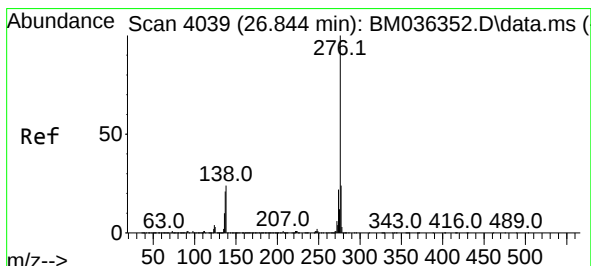
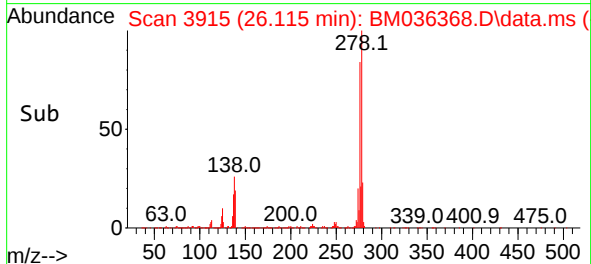
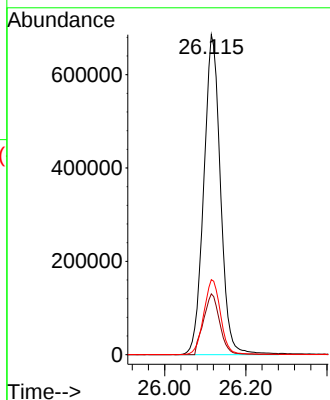
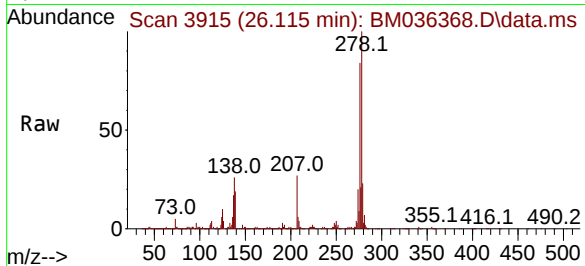




#95
 Dibenzo(a,h)anthracene
 Concen: 37.501 ng/ul
 RT: 26.115 min Scan# 3915
 Delta R.T. 0.000 min
 Lab File: BM036368.D
 Acq: 22 Aug 2022 16:15

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:278 Resp: 1955727
 Ion Ratio Lower Upper
 278 100
 139 19.0 16.2 24.2
 279 23.5 18.7 28.1



#96
 Benzo(g,h,i)perylene
 Concen: 37.112 ng/ul
 RT: 26.838 min Scan# 4038
 Delta R.T. 0.000 min
 Lab File: BM036368.D
 Acq: 22 Aug 2022 16:15

Tgt Ion:276 Resp: 1921326
 Ion Ratio Lower Upper
 276 100
 138 25.6 21.3 31.9
 277 24.0 18.6 28.0

