

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052022\
 Data File : BM035172.D
 Acq On : 20 May 2022 12:22
 Operator : CG/JU
 Sample : PB144941BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB144941BS

Quant Time: May 23 04:16:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 20 04:53:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	204711	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	783703	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	437926	20.000	ng	0.00
64) Phenanthrene-d10	17.286	188	746955	20.000	ng	0.00
76) Chrysene-d12	21.474	240	586792	20.000	ng	# 0.00
86) Perylene-d12	23.856	264	545692	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	996395	85.870	ng	0.00
7) Phenol-d6	7.081	99	1216713	81.226	ng	0.00
23) Nitrobenzene-d5	9.069	82	1162268	80.087	ng	0.00
42) 2,4,6-Tribromophenol	16.033	330	401370	84.255	ng	0.00
45) 2-Fluorobiphenyl	13.174	172	2586207	85.730	ng	0.00
79) Terphenyl-d14	19.915	244	2906606	95.908	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	131145	27.933	ng	99
3) Pyridine	3.787	79	359043	27.447	ng	96
4) n-Nitrosodimethylamine	3.693	42	257364	39.903	ng	97
6) Aniline	7.234	93	563901	32.773	ng	99
8) 2-Chlorophenol	7.475	128	547881	42.424	ng	96
9) Benzaldehyde	7.039	77	275827	28.292	ng	99
10) Phenol	7.104	94	632312	41.275	ng	98
11) bis(2-Chloroethyl)ether	7.328	93	461880	40.049	ng	98
12) 1,3-Dichlorobenzene	7.798	146	570005	38.964	ng	99
13) 1,4-Dichlorobenzene	7.939	146	582972	38.938	ng	100
14) 1,2-Dichlorobenzene	8.257	146	567137	39.789	ng	99
15) Benzyl Alcohol	8.145	79	473181	42.269	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.439	45	639043	34.191	ng	98
17) 2-Methylphenol	8.357	107	430753	41.409	ng	99
18) Hexachloroethane	8.986	117	210983	38.394	ng	96
19) n-Nitroso-di-n-propyla...	8.722	70	380470	38.798	ng	96
20) 3+4-Methylphenols	8.686	107	574220	40.344	ng	100
22) Acetophenone	8.733	105	756055	39.834	ng	# 96
24) Nitrobenzene	9.110	77	562526	38.533	ng	99
25) Isophorone	9.639	82	977717	40.295	ng	99
26) 2-Nitrophenol	9.822	139	289044	45.374	ng	97
27) 2,4-Dimethylphenol	9.886	122	458929	46.719	ng	96
28) bis(2-Chloroethoxy)met...	10.122	93	587851	42.098	ng	100
29) 2,4-Dichlorophenol	10.363	162	501450	43.297	ng	99
30) 1,2,4-Trichlorobenzene	10.575	180	543332	41.446	ng	99
31) Naphthalene	10.757	128	1522095	37.649	ng	100
32) Benzoic acid	10.039	122	334754	42.477	ng	99
33) 4-Chloroaniline	10.869	127	217023	13.345	ng	98
34) Hexachlorobutadiene	11.051	225	348430	43.048	ng	99
35) Caprolactam	11.657	113	127889	38.232	ng	94
36) 4-Chloro-3-methylphenol	11.998	107	474946	39.630	ng	97
37) 2-Methylnaphthalene	12.369	142	1048108	37.415	ng	99
38) 1-Methylnaphthalene	12.592	142	1005511	36.757	ng	99
40) 1,2,4,5-Tetrachloroben...	12.745	216	599545	48.080	ng	99
41) Hexachlorocyclopentadiene	12.727	237	820529	109.904	ng	99
43) 2,4,6-Trichlorophenol	12.980	196	389215	46.108	ng	99

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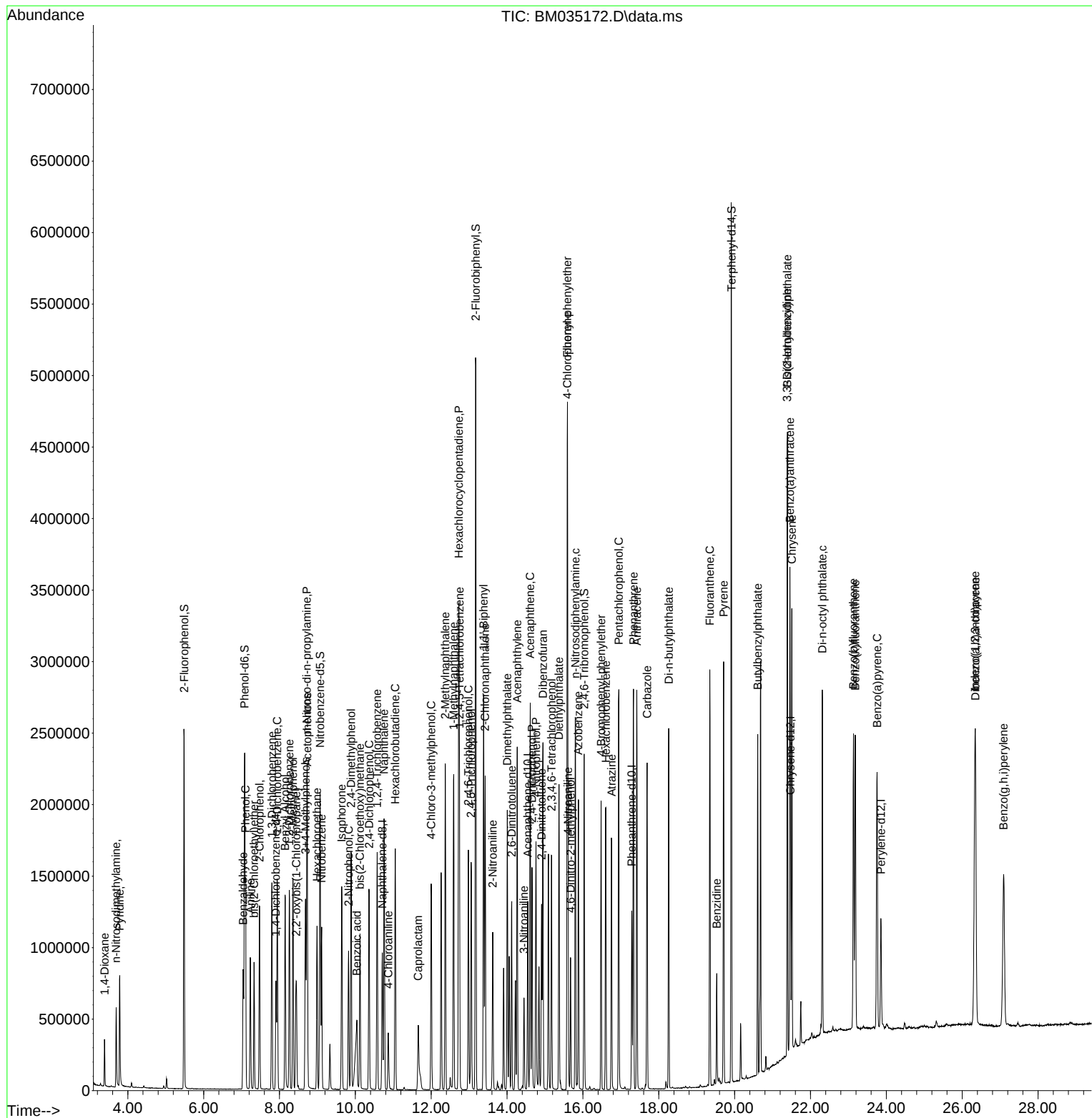
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	409568	43.693	ng	97
46) 1,1'-Biphenyl	13.380	154	1358356	41.172	ng	99
47) 2-Chloronaphthalene	13.421	162	1058980	41.187	ng	99
48) 2-Nitroaniline	13.621	65	286423	38.725	ng	96
49) Acenaphthylene	14.268	152	1659037	41.911	ng	100
50) Dimethylphthalate	14.004	163	1232468	37.748	ng	100
51) 2,6-Dinitrotoluene	14.121	165	270897	40.753	ng	92
52) Acenaphthene	14.610	154	937468	34.955	ng	99
53) 3-Nitroaniline	14.445	138	150847	21.151	ng	100
54) 2,4-Dinitrophenol	14.657	184	318064	81.347	ng	94
55) Dibenzofuran	14.945	168	1487613	38.853	ng	99
56) 4-Nitrophenol	14.762	139	414414	71.139	ng	97
57) 2,4-Dinitrotoluene	14.910	165	355658	39.916	ng	97
58) Fluorene	15.592	166	1187122	37.326	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.174	232	325356	40.827	ng	92
60) Diethylphthalate	15.368	149	1182429	35.557	ng	99
61) 4-Chlorophenyl-phenyle...	15.586	204	627348	41.217	ng	96
62) 4-Nitroaniline	15.609	138	237206	32.119	ng	98
63) Azobenzene	15.880	77	1043154	34.394	ng	97
65) 4,6-Dinitro-2-methylph...	15.674	198	189775	42.501	ng	95
66) n-Nitrosodiphenylamine	15.804	169	999417	44.149	ng	100
67) 4-Bromophenyl-phenylether	16.480	248	365010	48.073	ng	94
68) Hexachlorobenzene	16.604	284	406670	47.440	ng	# 91
69) Atrazine	16.756	200	333757	43.915	ng	98
70) Pentachlorophenol	16.945	266	478086	89.012	ng	99
71) Phenanthrene	17.333	178	1662562	39.937	ng	100
72) Anthracene	17.421	178	1668900	41.518	ng	100
73) Carbazole	17.692	167	1434387	39.071	ng	99
74) Di-n-butylphthalate	18.262	149	1742500	37.304	ng	99
75) Fluoranthene	19.345	202	1721172	37.652	ng	98
77) Benzidine	19.527	184	432318	24.117	ng	99
78) Pyrene	19.709	202	1749240	45.078	ng	100
80) Butylbenzylphthalate	20.609	149	686788	40.322	ng	96
81) Benzo(a)anthracene	21.456	228	1573627	40.190	ng	99
82) 3,3'-Dichlorobenzidine	21.386	252	440043	38.559	ng	99
83) Chrysene	21.509	228	1464927	39.170	ng	99
84) Bis(2-ethylhexyl)phtha...	21.391	149	1006993	38.447	ng	# 98
85) Di-n-octyl phthalate	22.315	149	1649992	38.214	ng	98
87) Indeno(1,2,3-cd)pyrene	26.338	276	1618281	39.006	ng	98
88) Benzo(b)fluoranthene	23.133	252	1468889	42.798	ng	99
89) Benzo(k)fluoranthene	23.180	252	1439863	41.443	ng	100
90) Benzo(a)pyrene	23.756	252	1399692	49.088	ng	99
91) Dibenzo(a,h)anthracene	26.350	278	1430212	41.096	ng	98
92) Benzo(g,h,i)perylene	27.091	276	1411012	42.196	ng	97

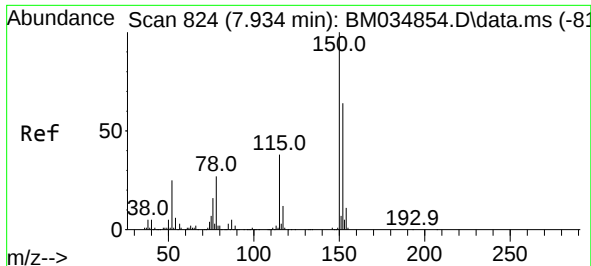
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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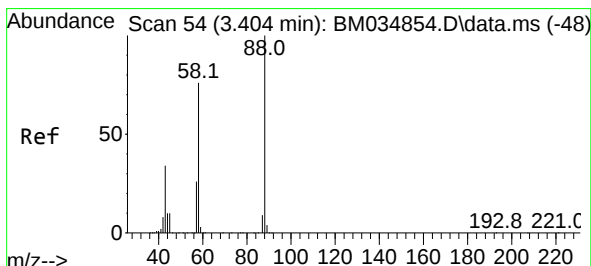
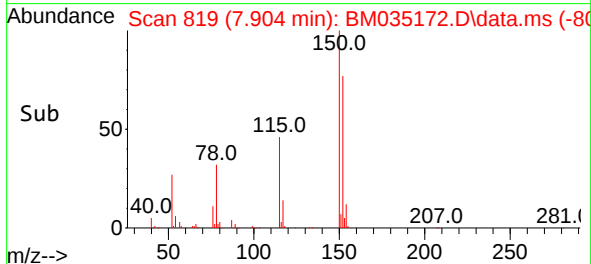
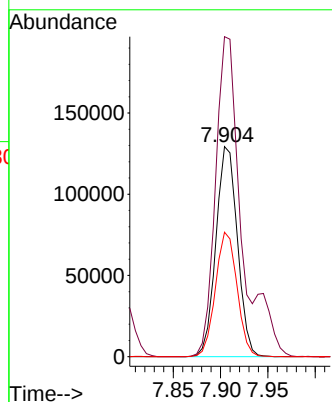
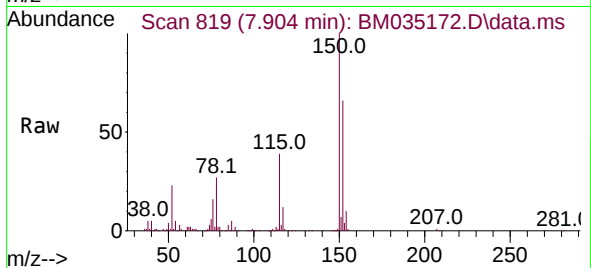




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM035172.D
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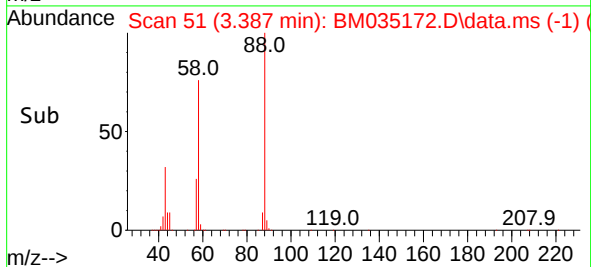
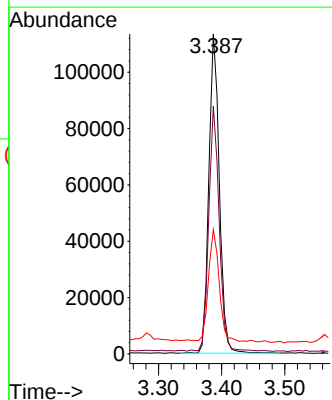
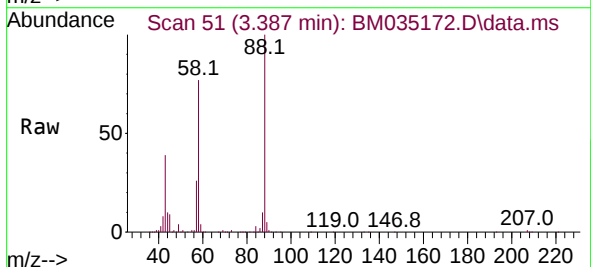
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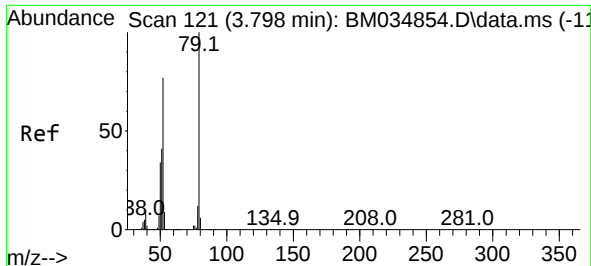
Tgt Ion:152 Resp: 204711
Ion Ratio Lower Upper
152 100
150 152.4 124.9 187.3
115 59.2 47.9 71.9



#2
1,4-Dioxane
Concen: 27.933 ng
RT: 3.387 min Scan# 51
Delta R.T. 0.006 min
Lab File: BM035172.D
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Tgt Ion: 88 Resp: 131145
Ion Ratio Lower Upper
88 100
58 76.9 62.3 93.5
43 35.4 28.7 43.1

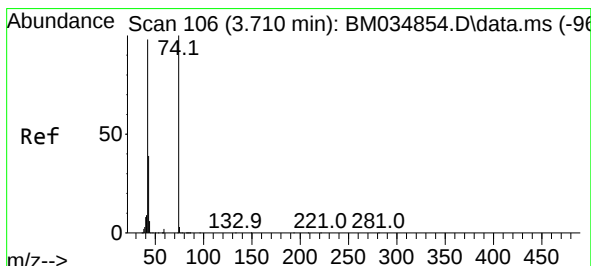
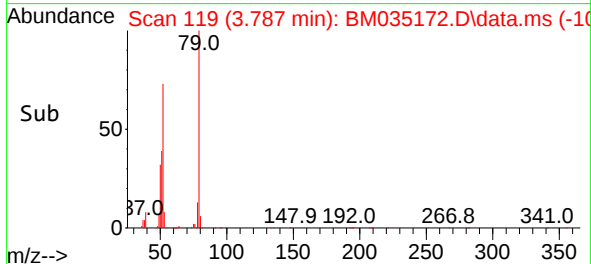
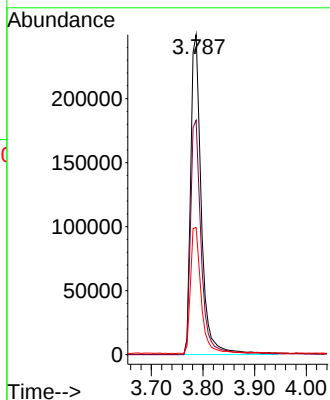
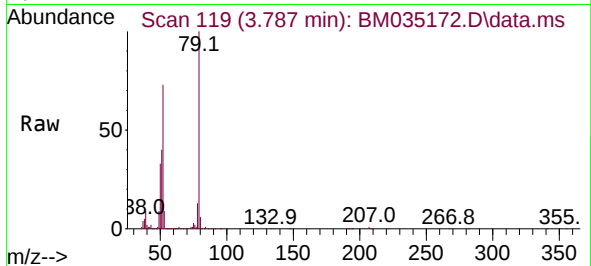




#3
 Pyridine
 Concen: 27.447 ng
 RT: 3.787 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BM035172.D
 Acq: 20 May 2022 12:22

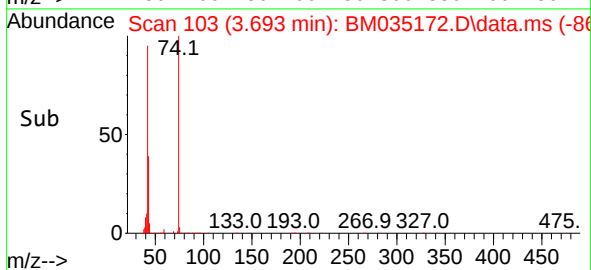
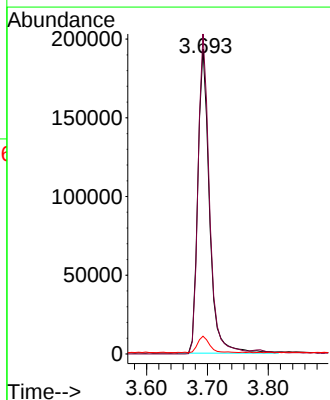
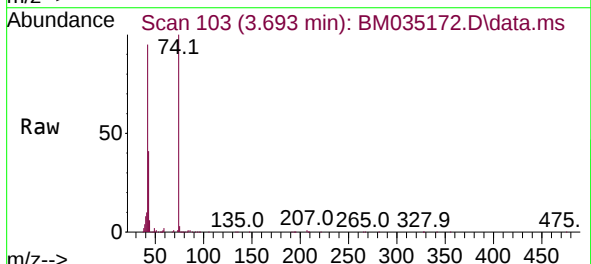
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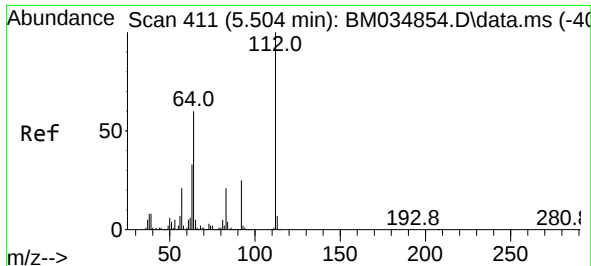
Tgt Ion: 79 Resp: 359043
 Ion Ratio Lower Upper
 79 100
 52 73.2 61.9 92.9
 51 39.7 33.5 50.3



#4
 n-Nitrosodimethylamine
 Concen: 39.903 ng
 RT: 3.693 min Scan# 103
 Delta R.T. -0.000 min
 Lab File: BM035172.D
 Acq: 20 May 2022 12:22

Tgt Ion: 42 Resp: 257364
 Ion Ratio Lower Upper
 42 100
 74 104.9 81.6 122.4
 44 5.8 5.2 7.8

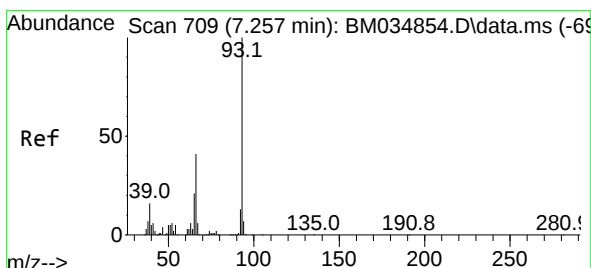
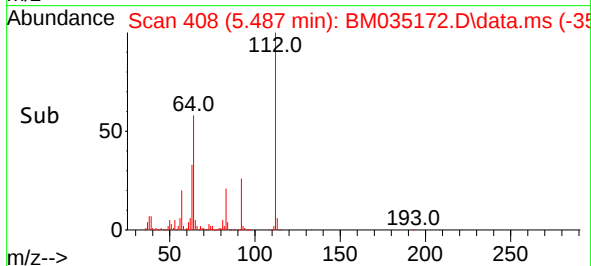
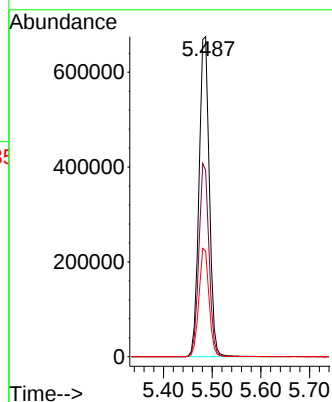
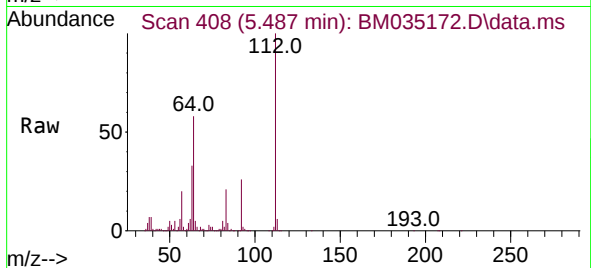




#5
2-Fluorophenol
Concen: 85.870 ng
RT: 5.487 min Scan# 408
Delta R.T. 0.006 min
Lab File: BM035172.D
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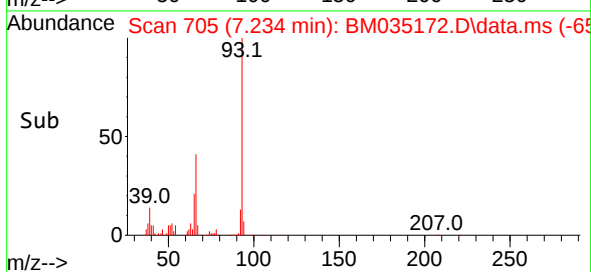
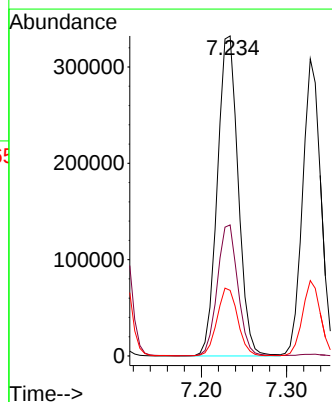
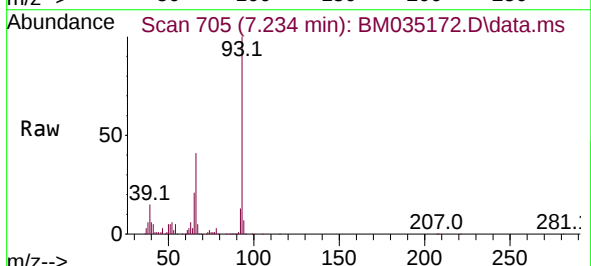
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Tgt Ion:112 Resp: 996395
Ion Ratio Lower Upper
112 100
64 58.3 47.8 71.6
63 33.0 26.6 40.0



#6
Aniline
Concen: 32.773 ng
RT: 7.234 min Scan# 705
Delta R.T. 0.006 min
Lab File: BM035172.D
Acq: 20 May 2022 12:22

Tgt Ion: 93 Resp: 563901
Ion Ratio Lower Upper
93 100
66 41.0 32.6 49.0
65 20.5 16.8 25.2

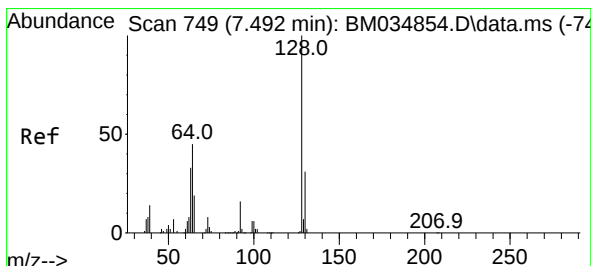
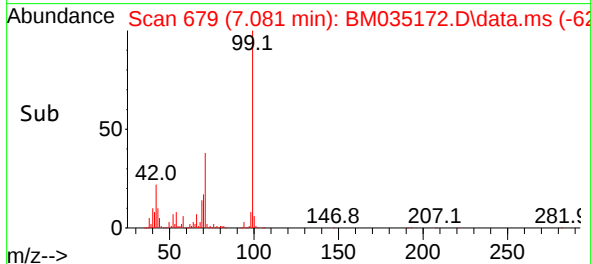
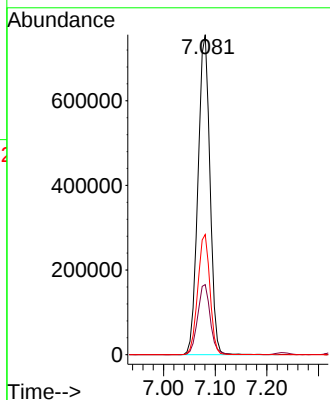
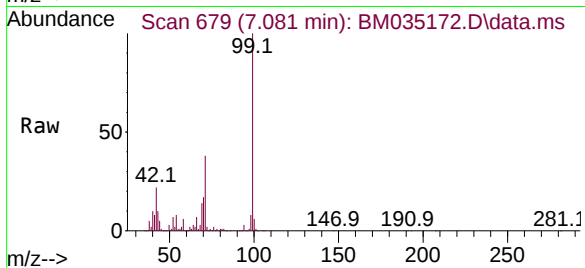




#7
Phenol-d6
Concen: 81.226 ng
RT: 7.081 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM035172.D
Acq: 20 May 2022 12:22

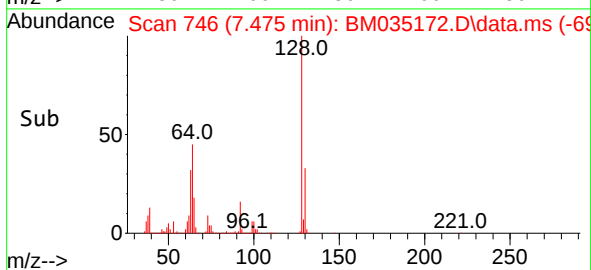
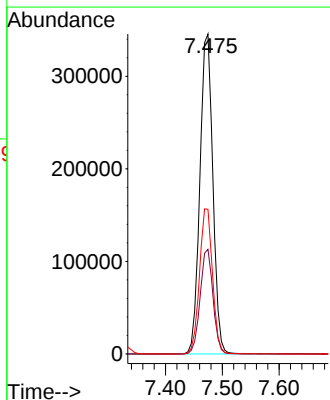
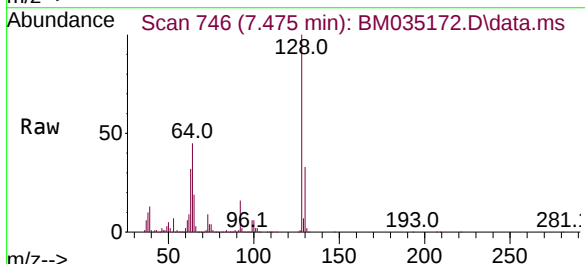
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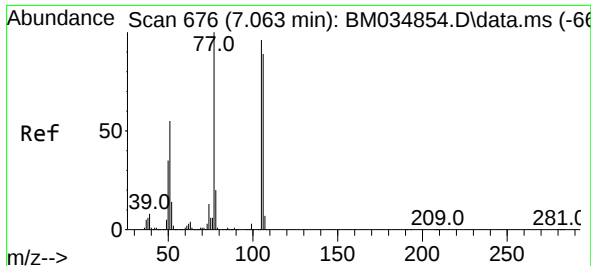
Tgt Ion: 99 Resp: 1216713
Ion Ratio Lower Upper
99 100
42 21.9 18.8 28.2
71 37.6 30.2 45.2



#8
2-Chlorophenol
Concen: 42.424 ng
RT: 7.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BM035172.D
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Tgt Ion: 128 Resp: 547881
Ion Ratio Lower Upper
128 100
130 32.7 10.9 50.9
64 45.2 28.2 68.2

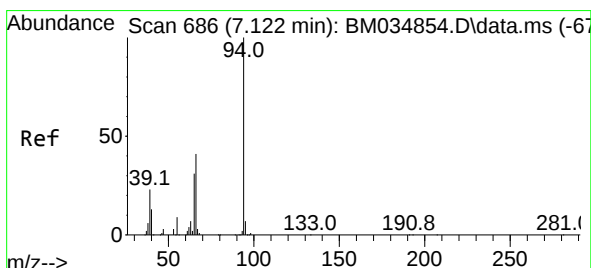
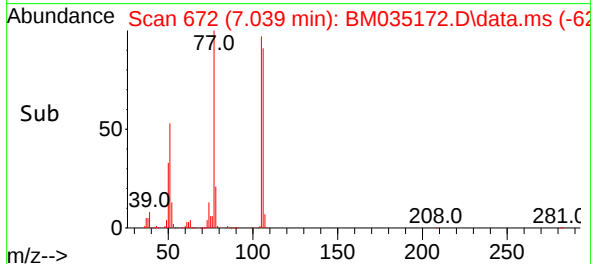
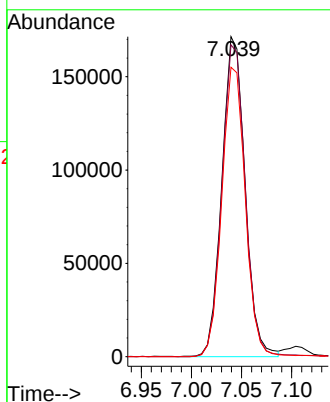
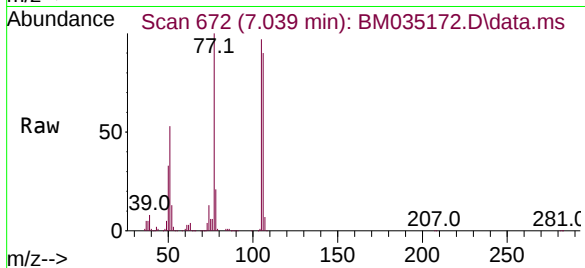




#9
Benzaldehyde
Concen: 28.292 ng
RT: 7.039 min Scan# 61
Delta R.T. -0.000 min
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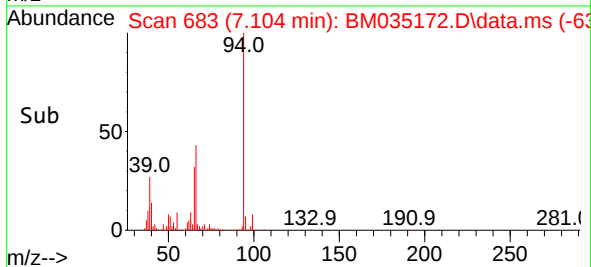
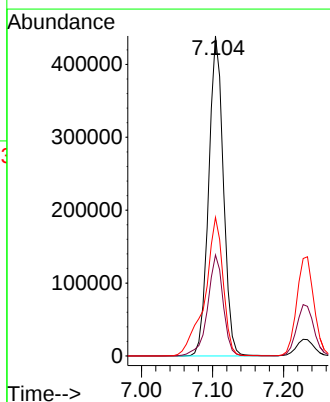
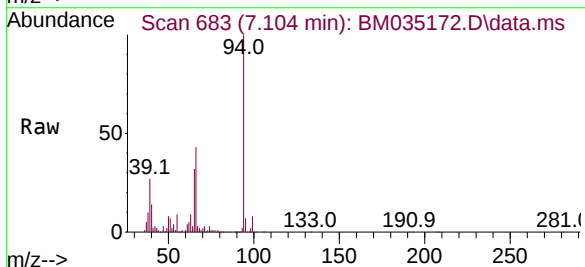
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Tgt Ion: 77 Resp: 275827
Ion Ratio Lower Upper
77 100
105 97.5 76.3 116.3
106 90.4 69.0 109.0



#10
Phenol
Concen: 41.275 ng
RT: 7.104 min Scan# 683
Delta R.T. 0.006 min
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Tgt Ion: 94 Resp: 632312
Ion Ratio Lower Upper
94 100
65 31.5 11.4 51.4
66 43.3 21.4 61.4

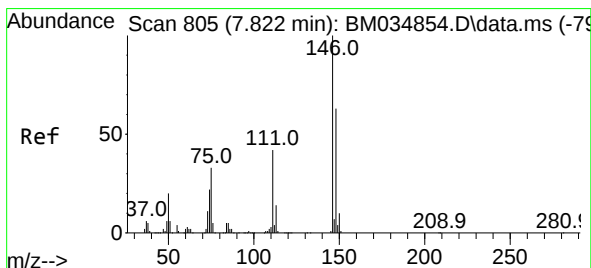
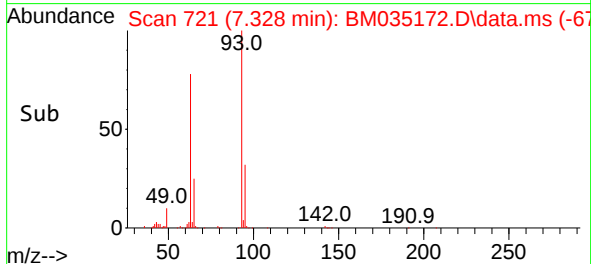
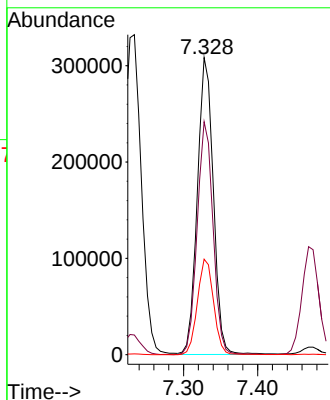
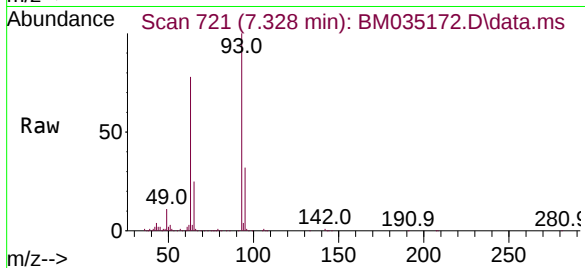




#11
bis(2-Chloroethyl)ether
Concen: 40.049 ng
RT: 7.328 min Scan# 721
Delta R.T. -0.000 min
Lab File: BM035172.D
Acq: 20 May 2022 12:22

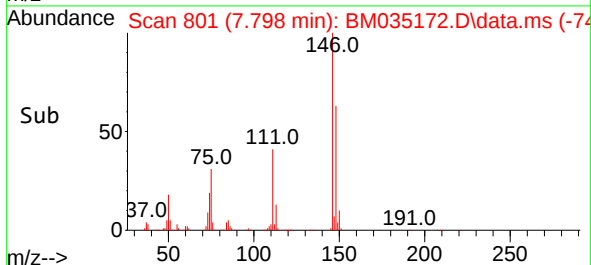
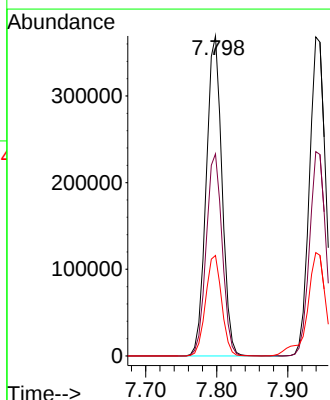
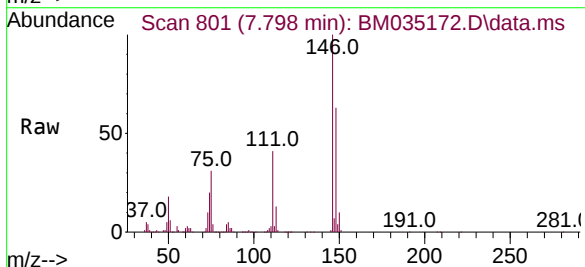
Instrument :
BNA_M
ClientSampleId :
PB144941BS

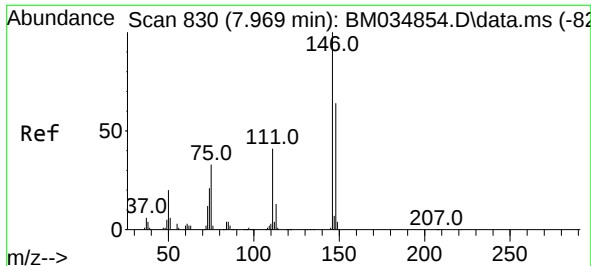
Tgt Ion: 93 Resp: 461880
Ion Ratio Lower Upper
93 100
63 78.4 60.6 100.6
95 32.1 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 38.964 ng
RT: 7.798 min Scan# 801
Delta R.T. 0.006 min
Lab File: BM035172.D
Acq: 20 May 2022 12:22

Tgt Ion: 146 Resp: 570005
Ion Ratio Lower Upper
146 100
148 63.2 50.7 76.1
75 31.4 26.1 39.1

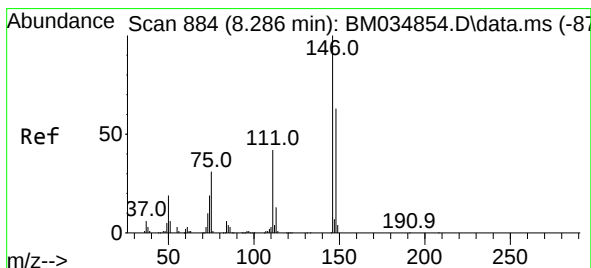
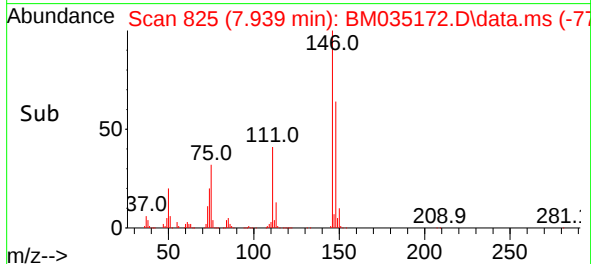
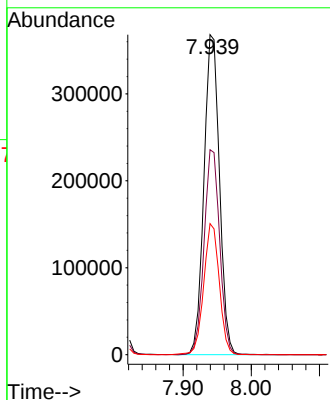
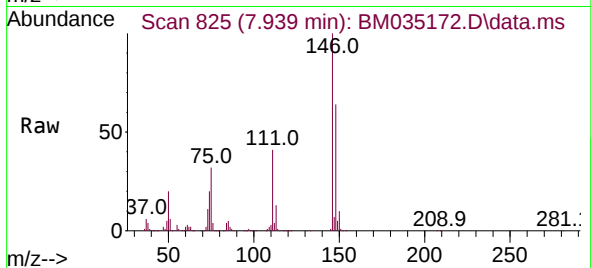




#13
 1,4-Dichlorobenzene
 Concen: 38.938 ng
 RT: 7.939 min Scan# 811
 Delta R.T. -0.000 min
 Lab File: BM035172.D
 Acq: 20 May 2022 12:22

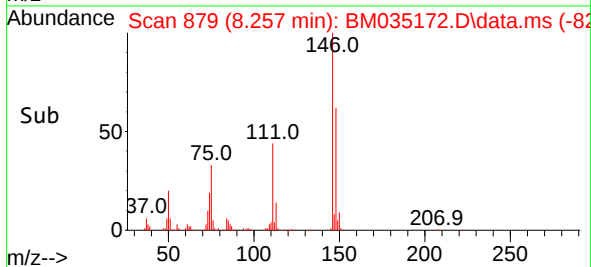
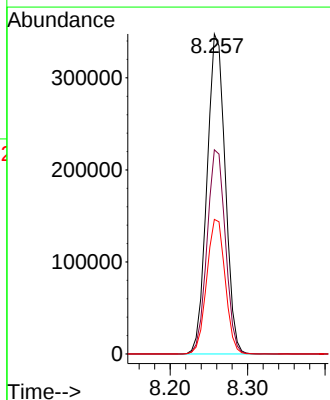
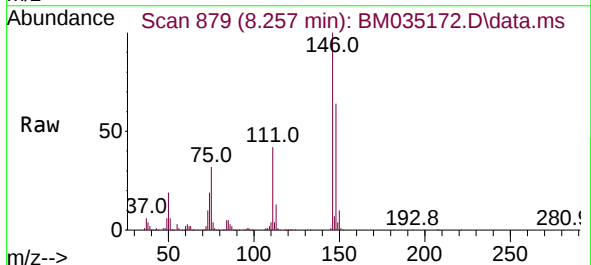
Instrument :
 BNA_M
 ClientSampleId :
 PB144941BS

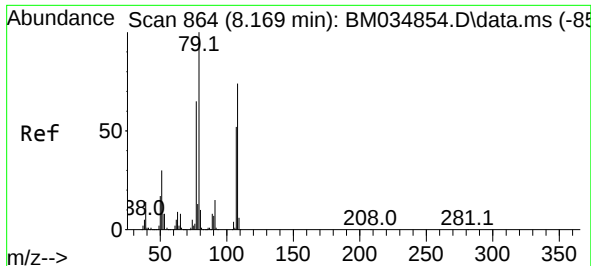
Tgt Ion:146 Resp: 582972
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.5 77.3
 111 41.0 32.5 48.7



#14
 1,2-Dichlorobenzene
 Concen: 39.789 ng
 RT: 8.257 min Scan# 879
 Delta R.T. -0.000 min
 Lab File: BM035172.D
 Acq: 20 May 2022 12:22

Tgt Ion:146 Resp: 567137
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.7 76.1
 111 42.1 33.9 50.9

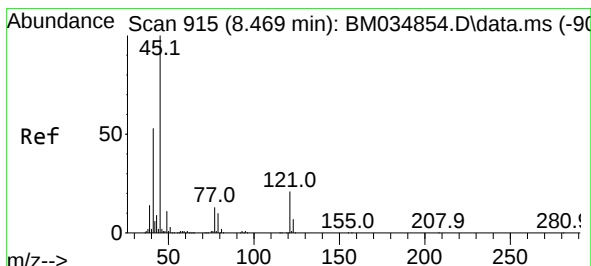
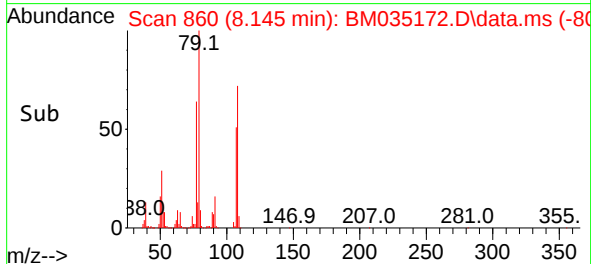
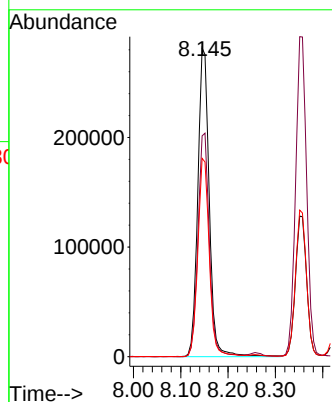
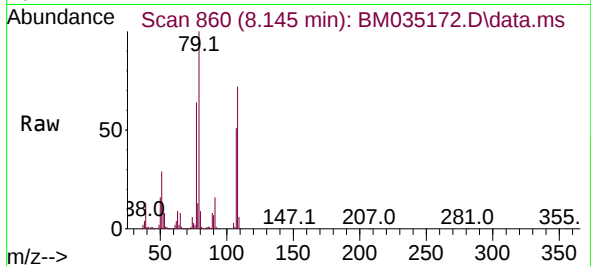




#15
Benzyl Alcohol
Concen: 42.269 ng
RT: 8.145 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM035172.D
Acq: 20 May 2022 12:22

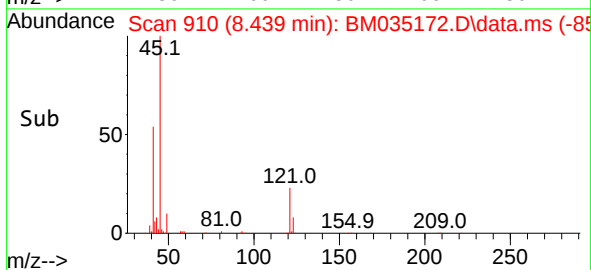
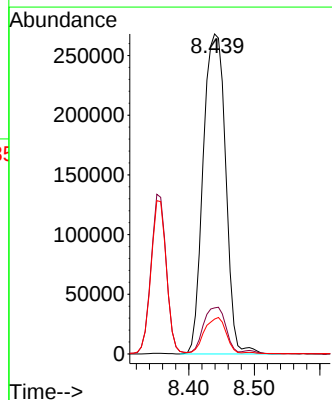
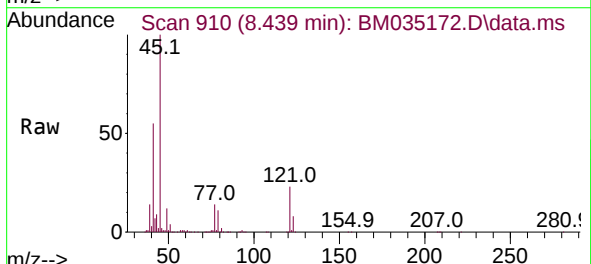
Instrument :
BNA_M
ClientSampleId :
PB144941BS

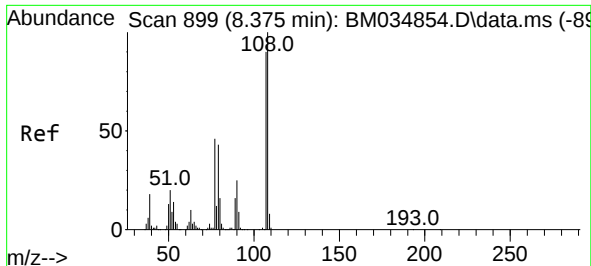
Tgt Ion: 79 Resp: 473181
Ion Ratio Lower Upper
79 100
108 71.6 59.0 88.4
77 64.3 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.191 ng
RT: 8.439 min Scan# 910
Delta R.T. -0.000 min
Lab File: BM035172.D
Acq: 20 May 2022 12:22

Tgt Ion: 45 Resp: 639043
Ion Ratio Lower Upper
45 100
77 14.4 0.0 33.1
79 10.9 0.0 30.5

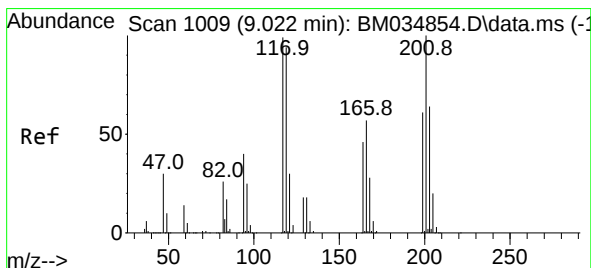
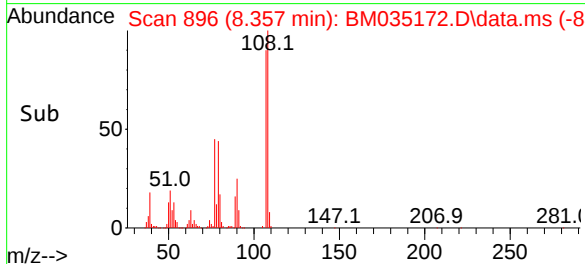
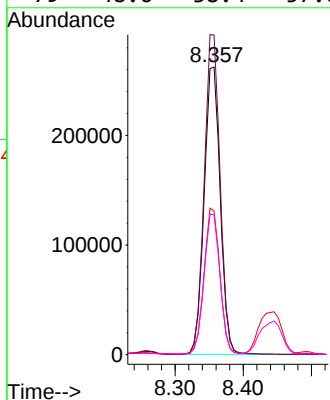
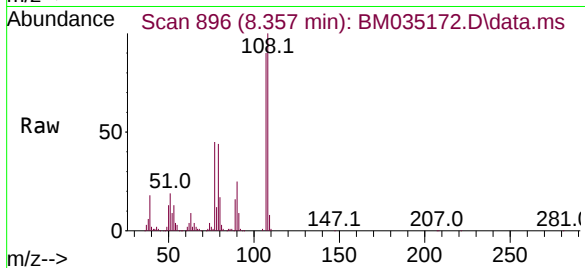




#17
2-Methylphenol
Concen: 41.409 ng
RT: 8.357 min Scan# 899
Delta R.T. 0.006 min
Lab File: BM035172.D
Acq: 20 May 2022 12:22

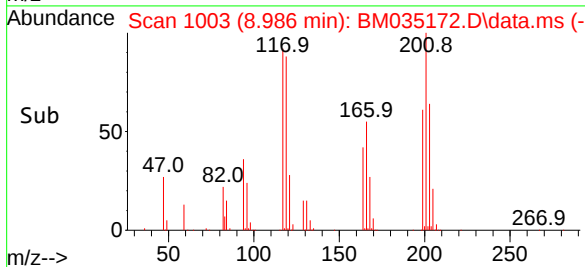
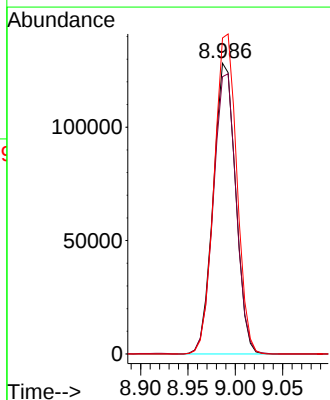
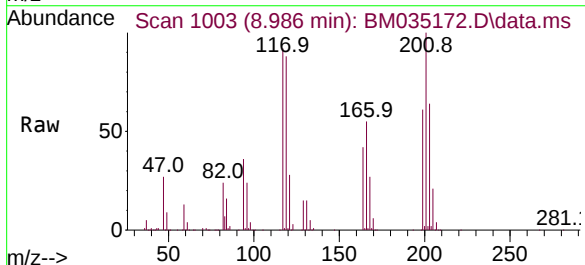
Instrument :
BNA_M
ClientSampleId :
PB144941BS

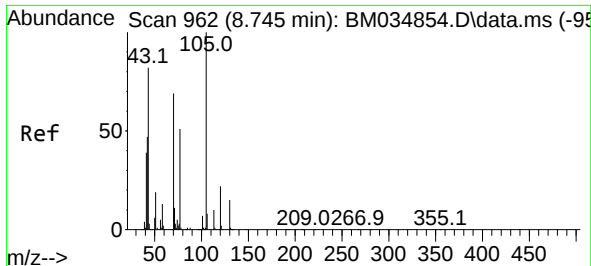
Tgt Ion:107 Resp: 430753
Ion Ratio Lower Upper
107 100
108 111.1 88.7 133.1
77 50.0 40.6 60.8
79 48.6 38.4 57.6



#18
Hexachloroethane
Concen: 38.394 ng
RT: 8.986 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BM035172.D
Acq: 20 May 2022 12:22

Tgt Ion:117 Resp: 210983
Ion Ratio Lower Upper
117 100
119 95.4 75.8 113.6
201 108.6 81.0 121.4





#19

n-Nitroso-di-n-propylamine

Concen: 38.798 ng

RT: 8.722 min Scan# 91

Delta R.T. 0.006 min

Lab File: BM035172.D

Acq: 20 May 2022 12:22

Instrument :

BNA_M

ClientSampleId :

PB144941BS

Tgt Ion: 70 Resp: 380470

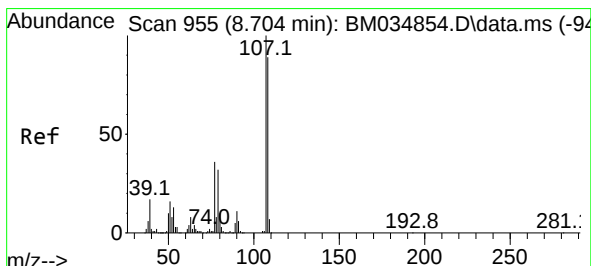
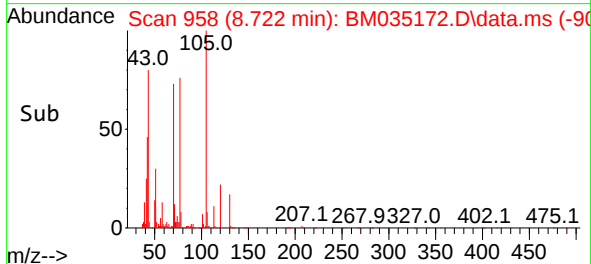
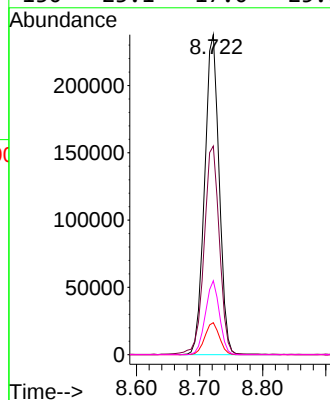
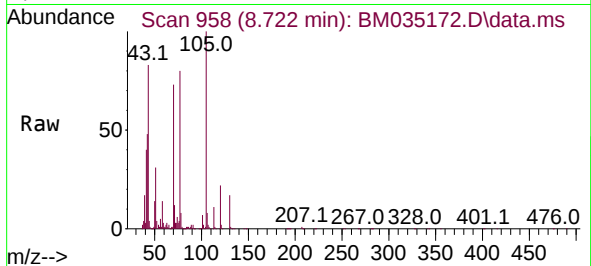
Ion Ratio Lower Upper

70 100

42 65.2 55.4 83.2

101 10.0 7.8 11.6

130 23.1 17.0 25.6



#20

3+4-Methylphenols

Concen: 40.344 ng

RT: 8.686 min Scan# 952

Delta R.T. 0.006 min

Lab File: BM035172.D

Acq: 20 May 2022 12:22

Tgt Ion: 107 Resp: 574220

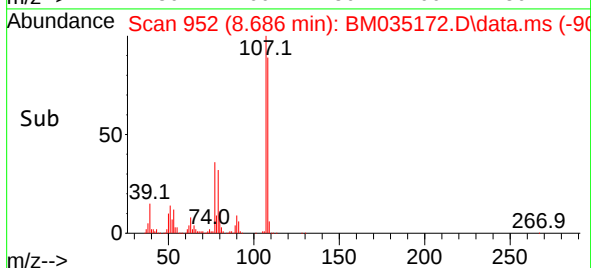
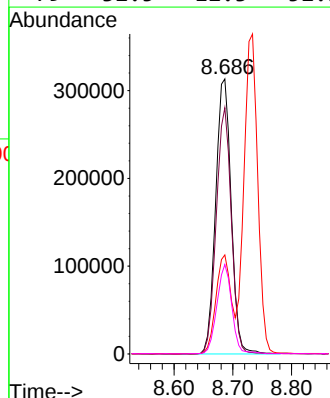
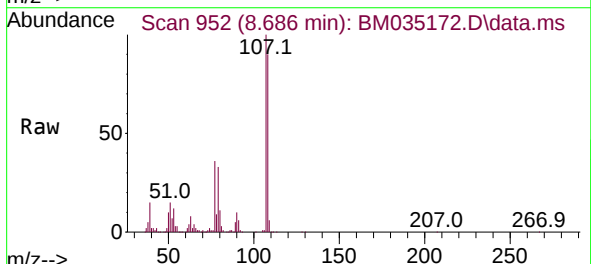
Ion Ratio Lower Upper

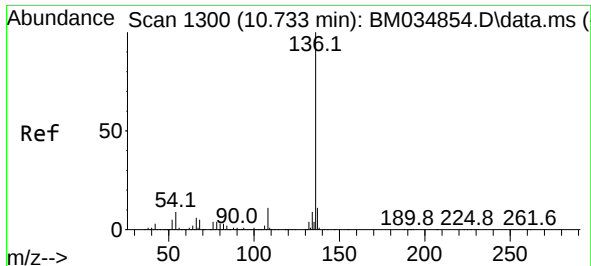
107 100

108 89.6 69.3 109.3

77 36.0 15.8 55.8

79 32.5 12.3 52.3

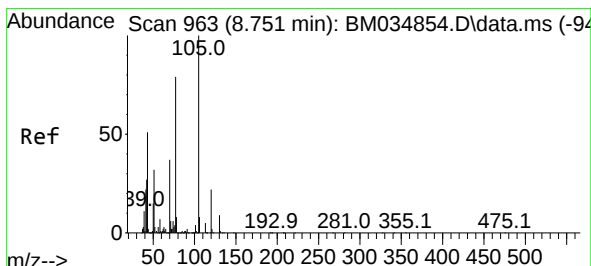
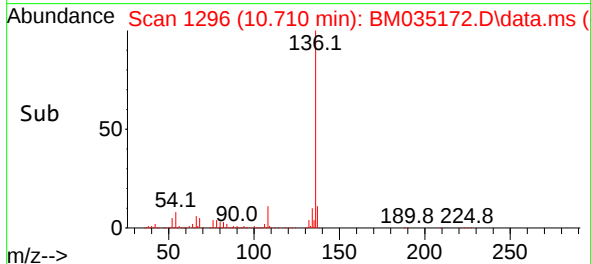
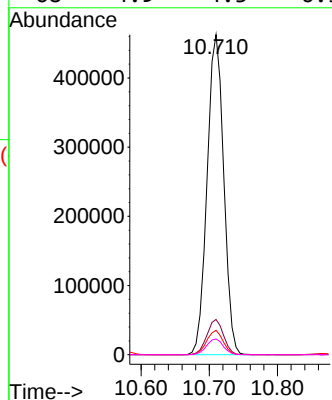
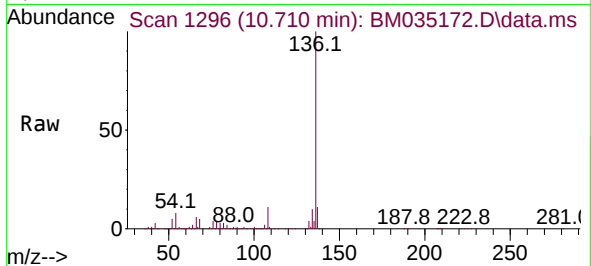




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM035172.D
Acq: 20 May 2022 12:22

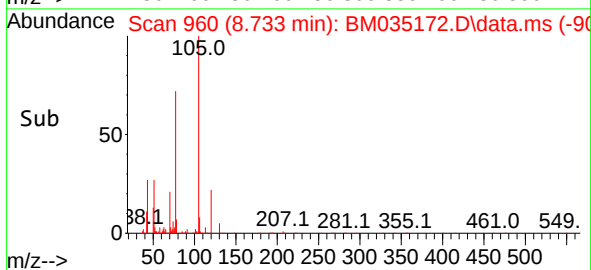
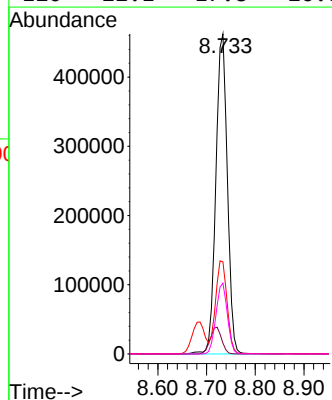
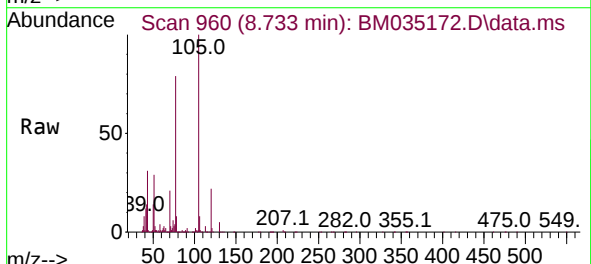
Instrument :
BNA_M
ClientSampleId :
PB144941BS

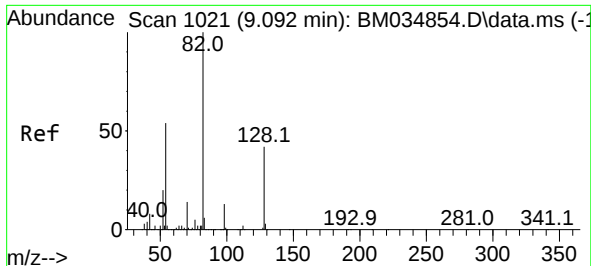
Tgt Ion:136 Resp: 783703
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.6 7.0 10.4
68 4.9 4.3 6.5



#22
Acetophenone
Concen: 39.834 ng
RT: 8.733 min Scan# 960
Delta R.T. 0.006 min
Lab File: BM035172.D
Acq: 20 May 2022 12:22

Tgt Ion:105 Resp: 756055
Ion Ratio Lower Upper
105 100
71 3.4 5.0 7.4#
51 28.8 25.6 38.4
120 22.1 17.8 26.8

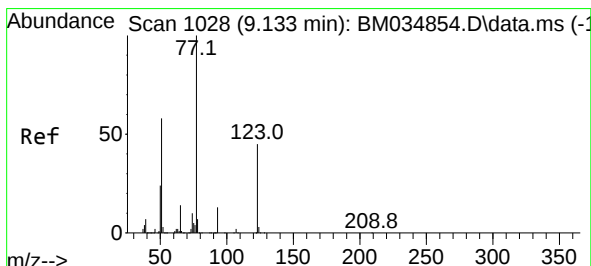
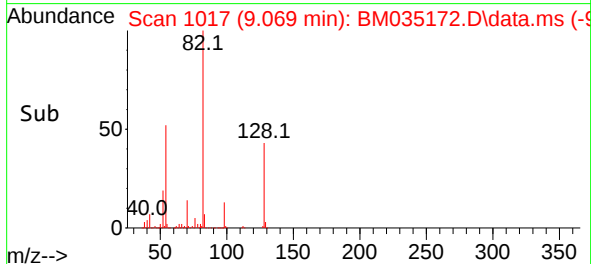
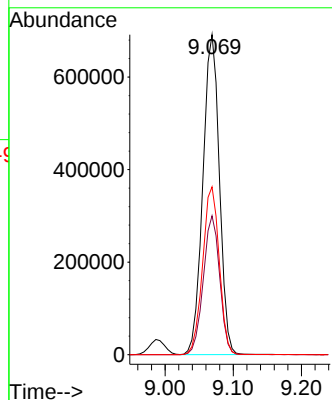
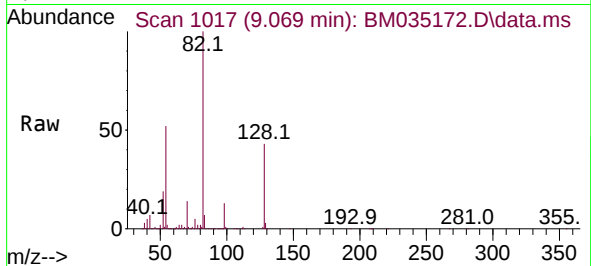




#23
Nitrobenzene-d5
Concen: 80.087 ng
RT: 9.069 min Scan# 1017
Delta R.T. 0.006 min
Lab File: BM035172.D
Acq: 20 May 2022 12:22

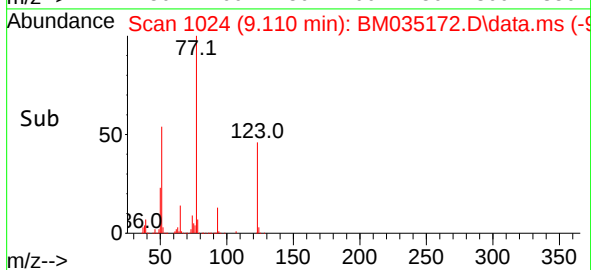
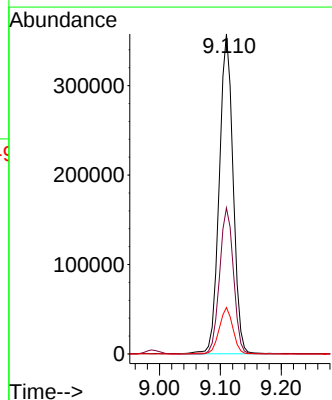
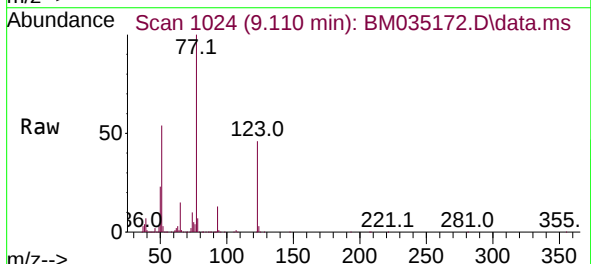
Instrument :
BNA_M
ClientSampleId :
PB144941BS

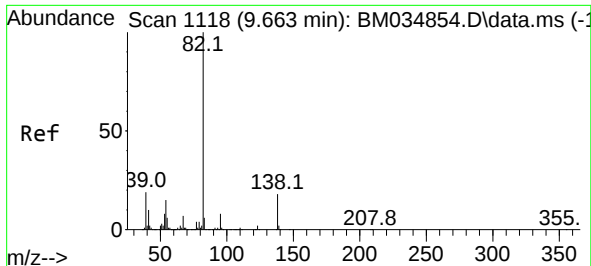
Tgt Ion: 82 Resp: 1162268
Ion Ratio Lower Upper
82 100
128 43.4 33.7 50.5
54 52.5 43.2 64.8



#24
Nitrobenzene
Concen: 38.533 ng
RT: 9.110 min Scan# 1024
Delta R.T. 0.006 min
Lab File: BM035172.D
Acq: 20 May 2022 12:22

Tgt Ion: 77 Resp: 562526
Ion Ratio Lower Upper
77 100
123 45.7 36.2 54.4
65 14.5 11.4 17.0

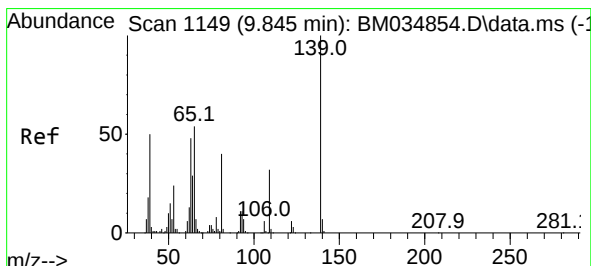
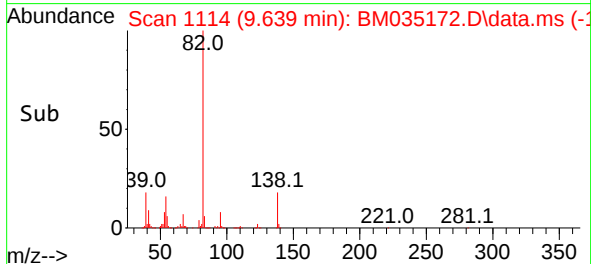
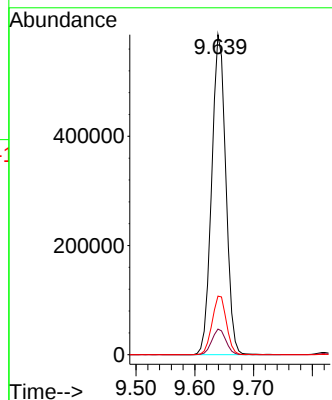
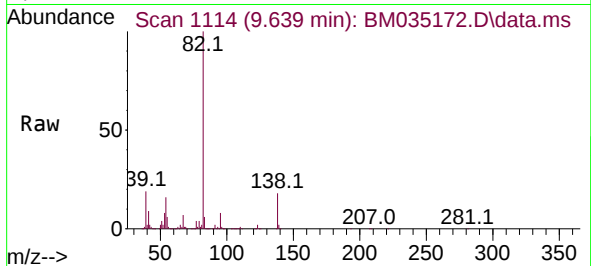




#25
Isophorone
Concen: 40.295 ng
RT: 9.639 min Scan# 1114
Delta R.T. -0.000 min
Lab File: BM035172.D
Acq: 20 May 2022 12:22

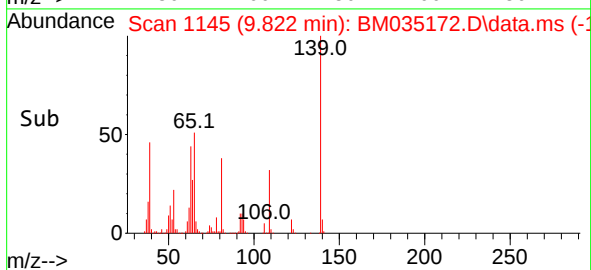
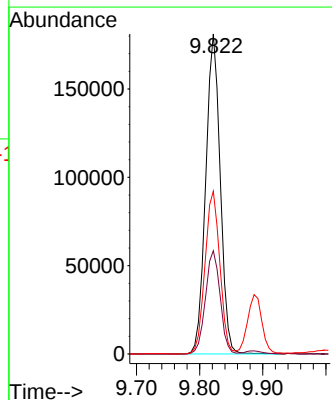
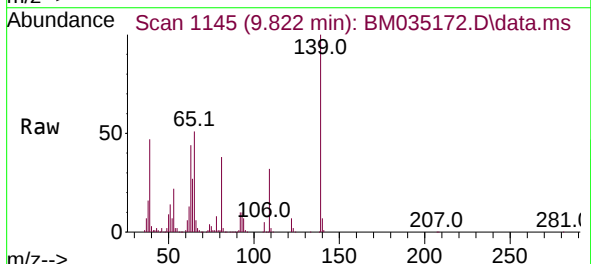
Instrument :
BNA_M
ClientSampleId :
PB144941BS

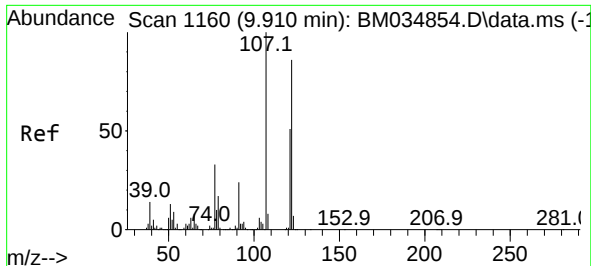
Tgt Ion: 82 Resp: 977717
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 18.3 14.2 21.4



#26
2-Nitrophenol
Concen: 45.374 ng
RT: 9.822 min Scan# 1145
Delta R.T. 0.006 min
Lab File: BM035172.D
Acq: 20 May 2022 12:22

Tgt Ion:139 Resp: 289044
Ion Ratio Lower Upper
139 100
109 32.2 25.6 38.4
65 50.8 43.2 64.8





#27

2,4-Dimethylphenol

Concen: 46.719 ng

RT: 9.886 min Scan# 1156

Delta R.T. 0.006 min

Lab File: BM035172.D

Acq: 20 May 2022 12:22

Instrument :

BNA_M

ClientSampleId :

PB144941BS

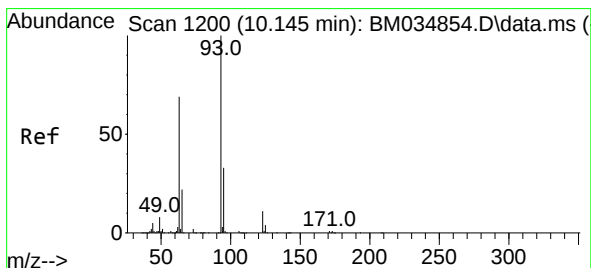
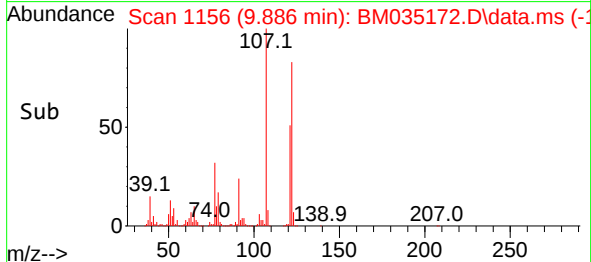
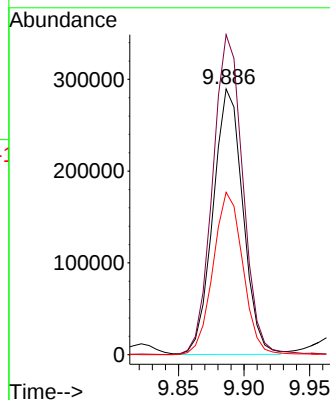
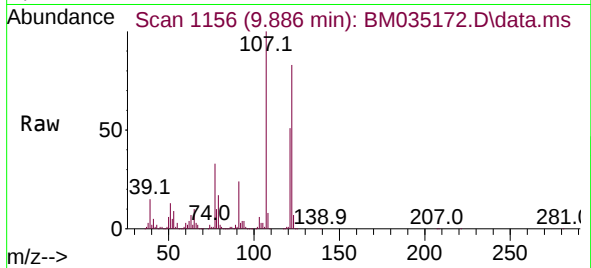
Tgt Ion:122 Resp: 458929

Ion Ratio Lower Upper

122 100

107 120.4 92.4 138.6

121 61.1 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 42.098 ng

RT: 10.122 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BM035172.D

Acq: 20 May 2022 12:22

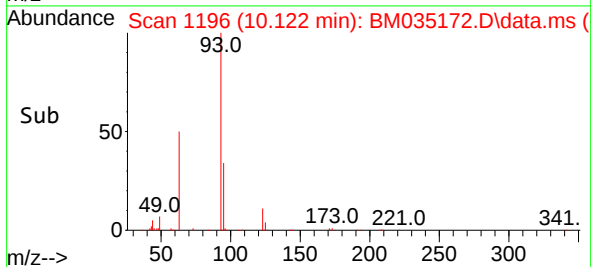
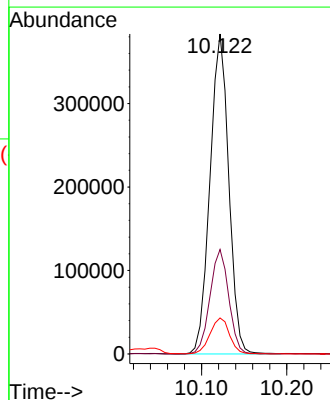
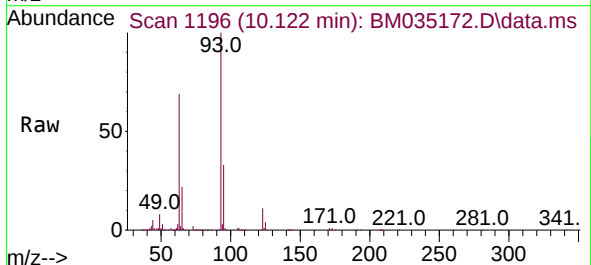
Tgt Ion: 93 Resp: 587851

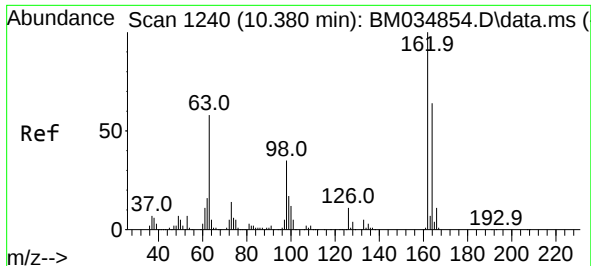
Ion Ratio Lower Upper

93 100

95 32.7 26.1 39.1

123 11.3 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 43.297 ng

RT: 10.363 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM035172.D

Acq: 20 May 2022 12:22

Instrument :

BNA_M

ClientSampleId :

PB144941BS

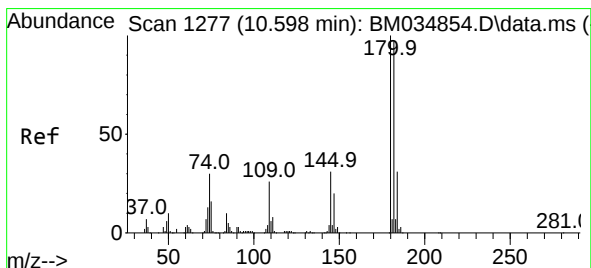
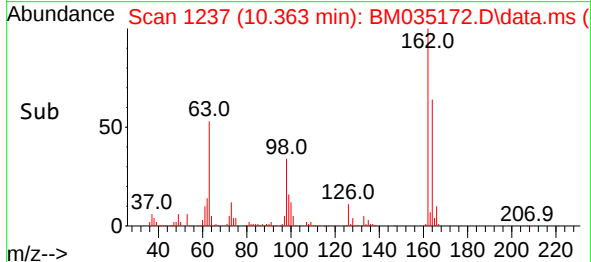
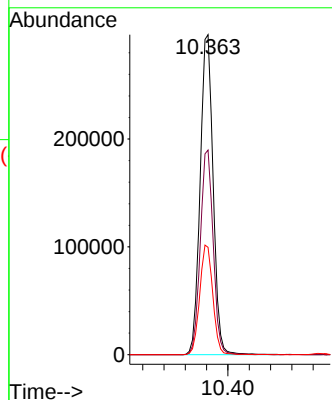
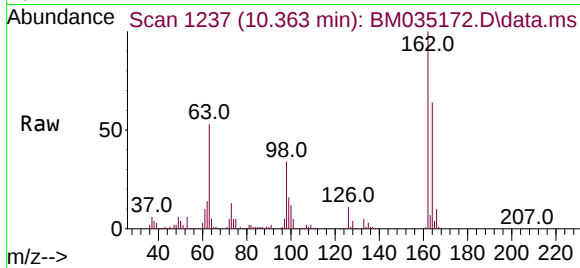
Tgt Ion:162 Resp: 501450

Ion Ratio Lower Upper

162 100

164 63.9 44.2 84.2

98 33.6 15.0 55.0



#30

1,2,4-Trichlorobenzene

Concen: 41.446 ng

RT: 10.575 min Scan# 1273

Delta R.T. -0.000 min

Lab File: BM035172.D

Acq: 20 May 2022 12:22

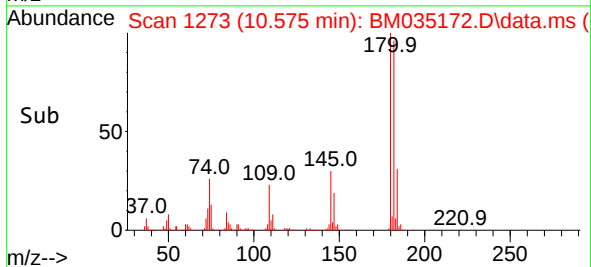
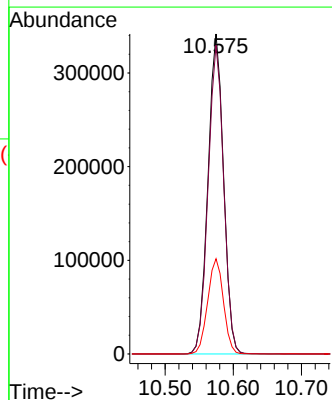
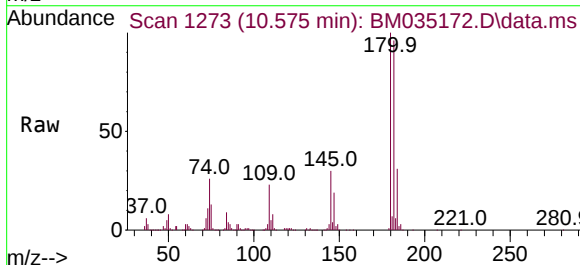
Tgt Ion:180 Resp: 543332

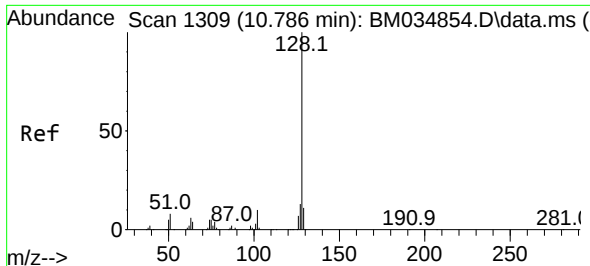
Ion Ratio Lower Upper

180 100

182 96.5 77.9 116.9

145 29.7 25.0 37.6

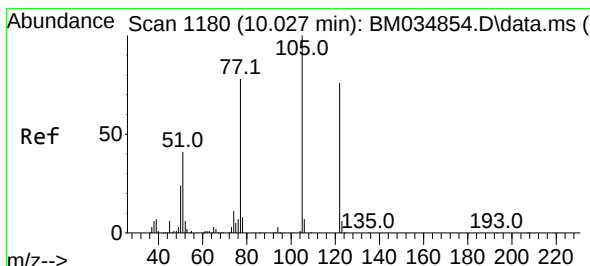
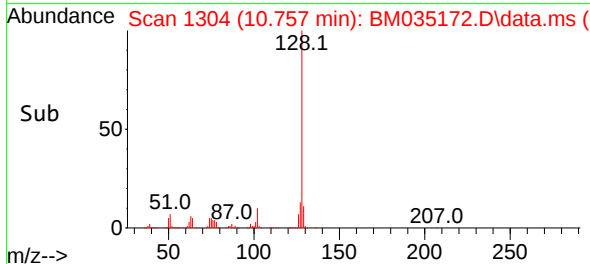
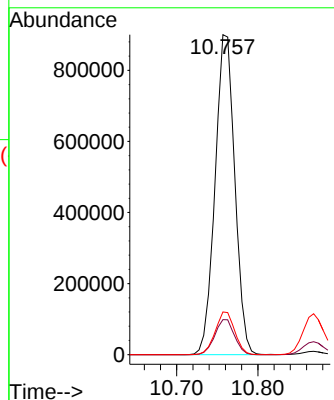
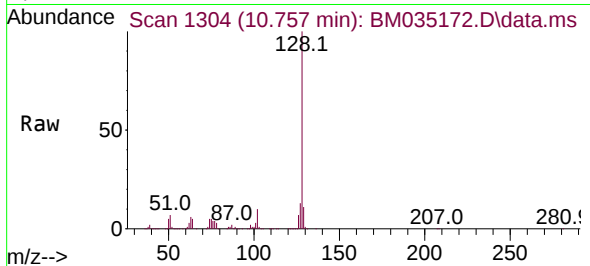




#31
Naphthalene
Concen: 37.649 ng
RT: 10.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM035172.D
Acq: 20 May 2022 12:22

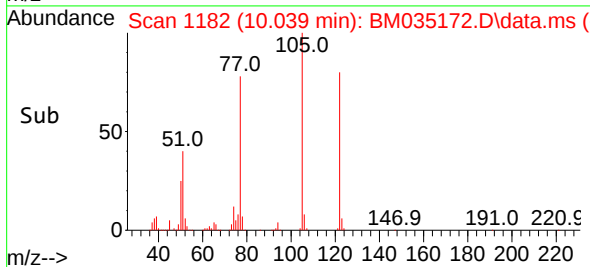
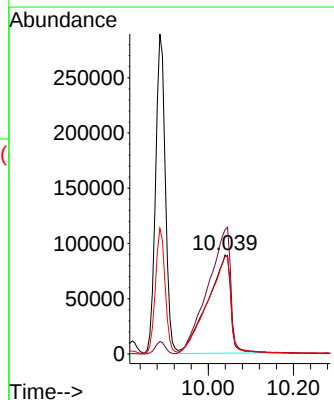
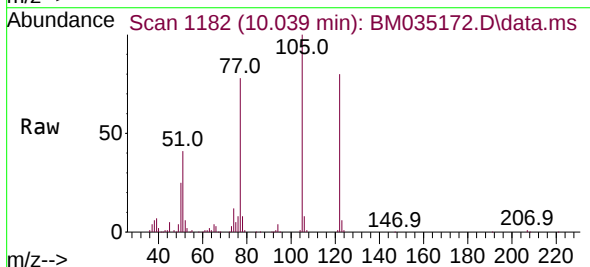
Instrument :
BNA_M
ClientSampleId :
PB144941BS

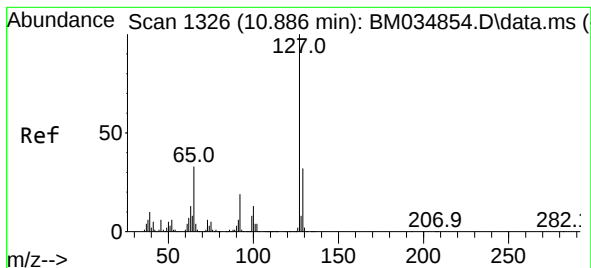
Tgt Ion:128 Resp: 1522095
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.4 10.6 16.0



#32
Benzoic acid
Concen: 42.477 ng
RT: 10.039 min Scan# 1182
Delta R.T. 0.017 min
Lab File: BM035172.D
Acq: 20 May 2022 12:22

Tgt Ion:122 Resp: 334754
Ion Ratio Lower Upper
122 100
105 125.5 105.7 145.7
77 98.0 80.0 120.0

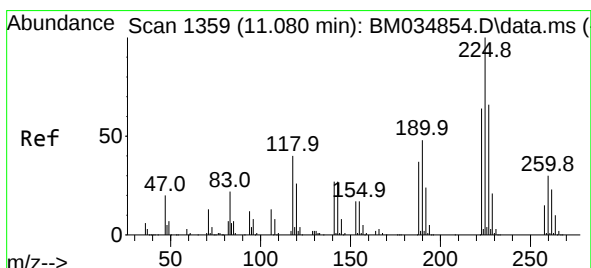
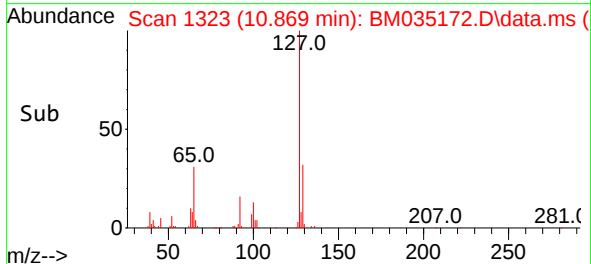
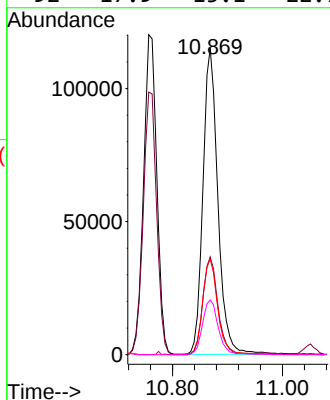
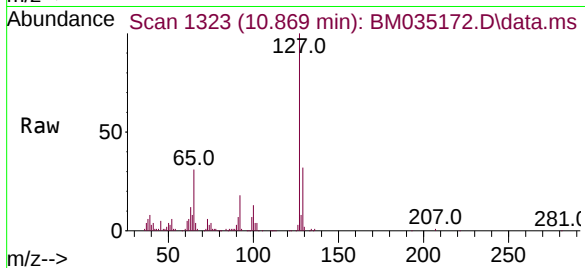




#33
4-Chloroaniline
Concen: 13.345 ng
RT: 10.869 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM035172.D
Acq: 20 May 2022 12:22

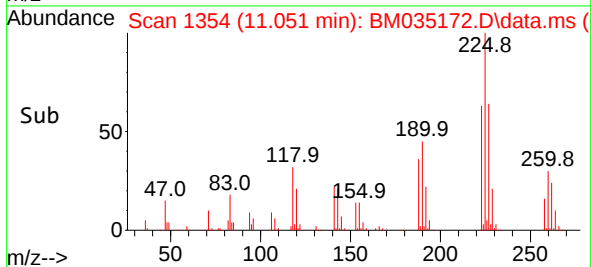
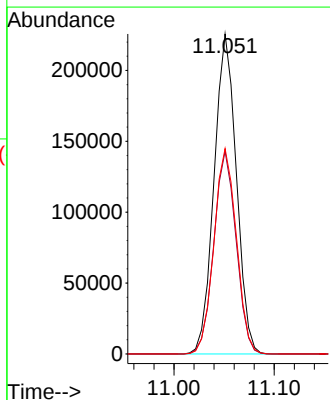
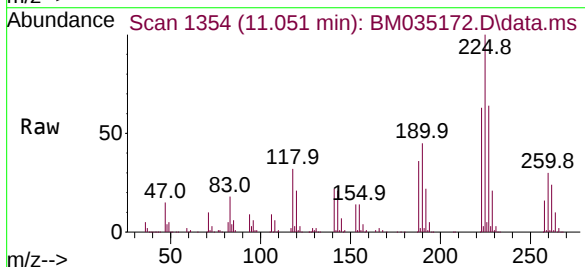
Instrument :
BNA_M
ClientSampleId :
PB144941BS

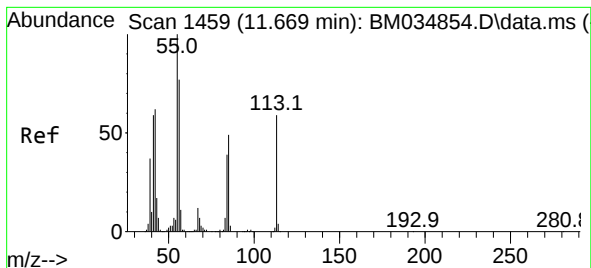
Tgt Ion:	127	Resp:	217023
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.7	38.5
65	31.3	26.6	40.0
92	17.9	15.1	22.7



#34
Hexachlorobutadiene
Concen: 43.048 ng
RT: 11.051 min Scan# 1354
Delta R.T. -0.000 min
Lab File: BM035172.D
Acq: 20 May 2022 12:22

Tgt Ion:	225	Resp:	348430
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.8	76.2
227	64.2	52.7	79.1





#35

Caprolactam

Concen: 38.232 ng

RT: 11.657 min Scan# 1457

Delta R.T. 0.006 min

Lab File: BM035172.D

Acq: 20 May 2022 12:22

Instrument :

BNA_M

ClientSampleId :

PB144941BS

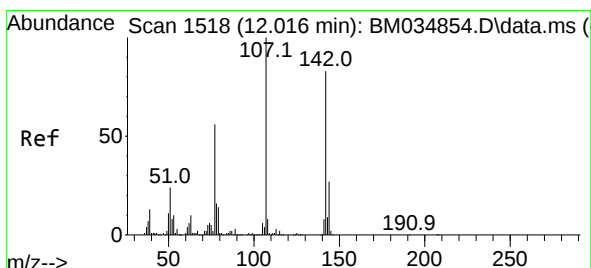
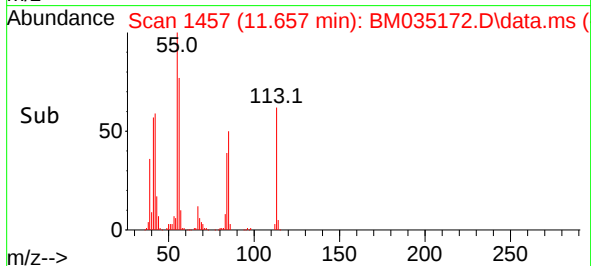
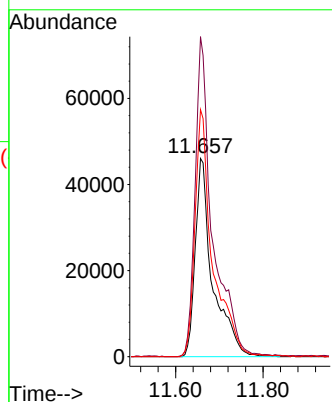
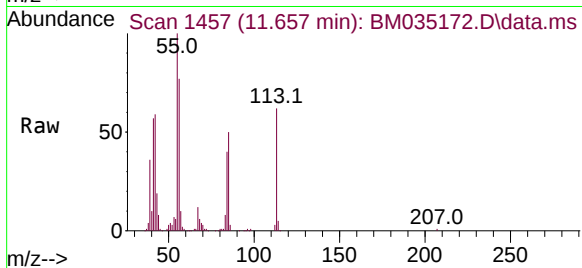
Tgt Ion:113 Resp: 127889

Ion Ratio Lower Upper

113 100

55 161.4 150.1 190.1

56 124.6 111.7 151.7



#36

4-Chloro-3-methylphenol

Concen: 39.630 ng

RT: 11.998 min Scan# 1515

Delta R.T. 0.006 min

Lab File: BM035172.D

Acq: 20 May 2022 12:22

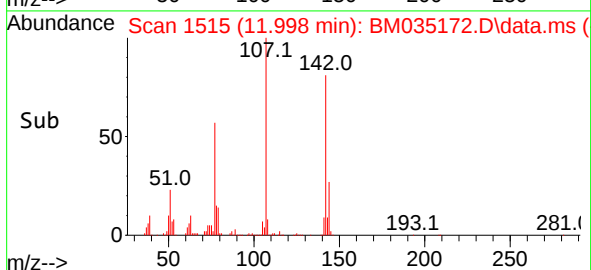
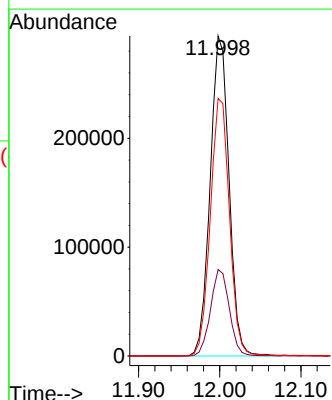
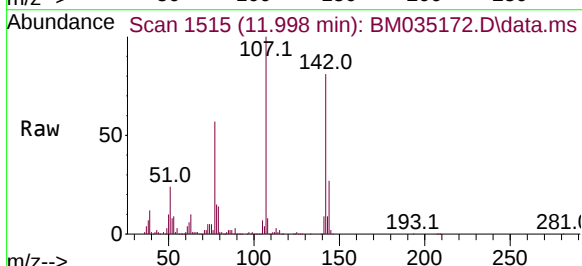
Tgt Ion:107 Resp: 474946

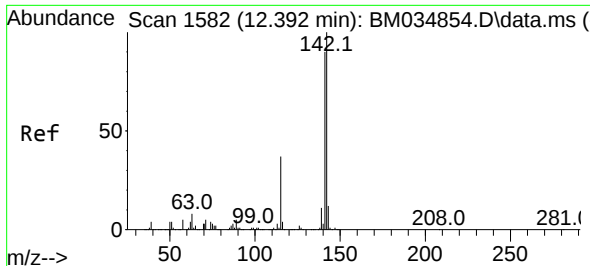
Ion Ratio Lower Upper

107 100

144 27.0 21.4 32.0

142 80.5 66.7 100.1

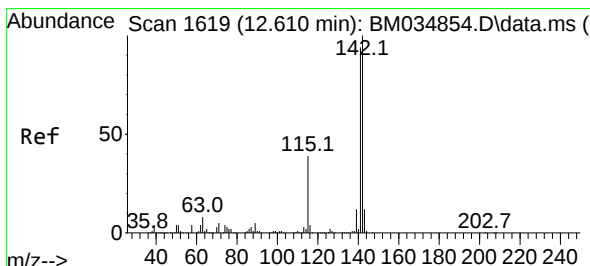
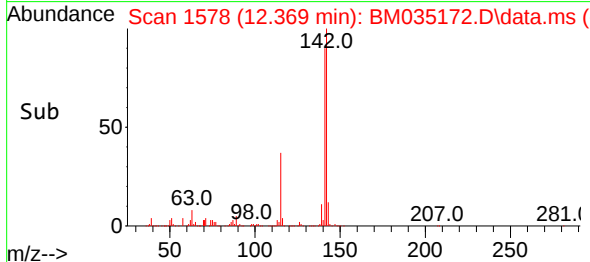
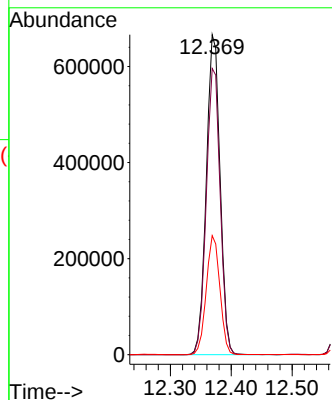
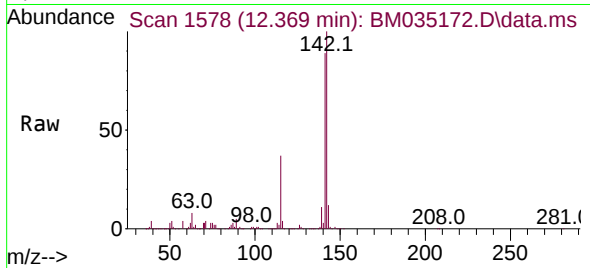




#37
2-Methylnaphthalene
Concen: 37.415 ng
RT: 12.369 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM035172.D
Acq: 20 May 2022 12:22

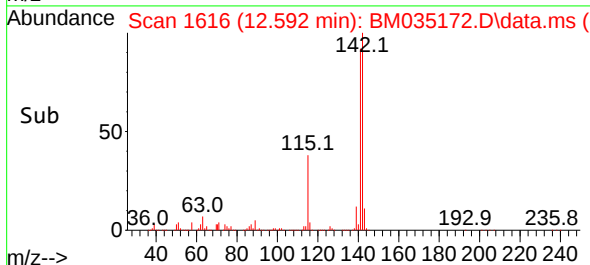
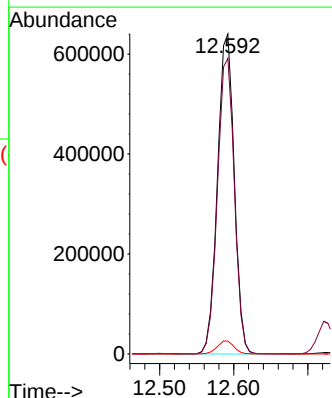
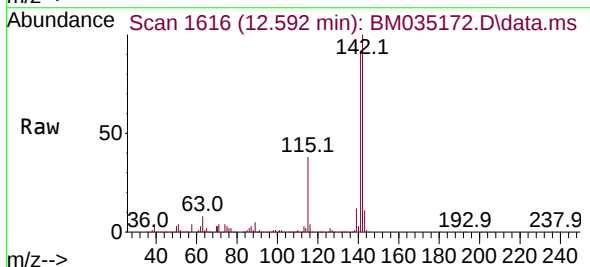
Instrument :
BNA_M
ClientSampleId :
PB144941BS

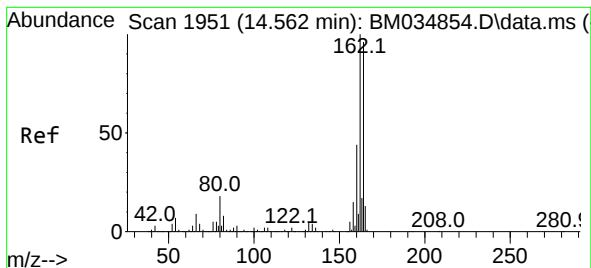
Tgt Ion:142 Resp: 1048108
Ion Ratio Lower Upper
142 100
141 89.5 72.4 108.6
115 37.2 29.6 44.4



#38
1-Methylnaphthalene
Concen: 36.757 ng
RT: 12.592 min Scan# 1616
Delta R.T. 0.006 min
Lab File: BM035172.D
Acq: 20 May 2022 12:22

Tgt Ion:142 Resp: 1005511
Ion Ratio Lower Upper
142 100
141 92.3 75.0 112.4
116 4.0 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.545 min Scan# 1951

Delta R.T. -0.000 min

Lab File: BM035172.D

Acq: 20 May 2022 12:22

Instrument :

BNA_M

ClientSampleId :

PB144941BS

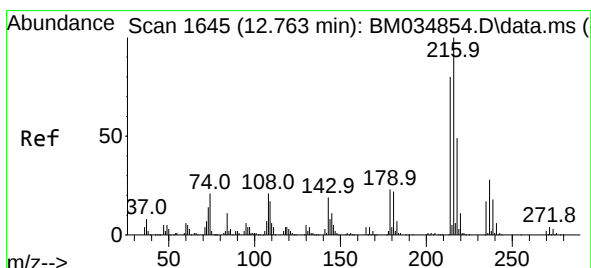
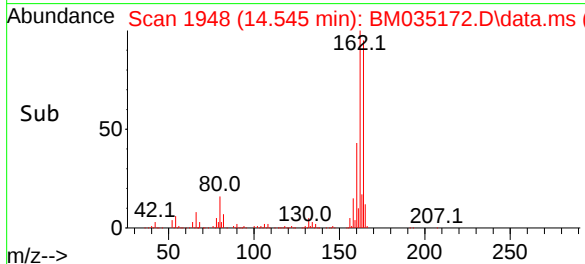
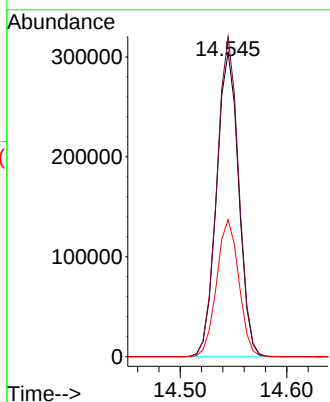
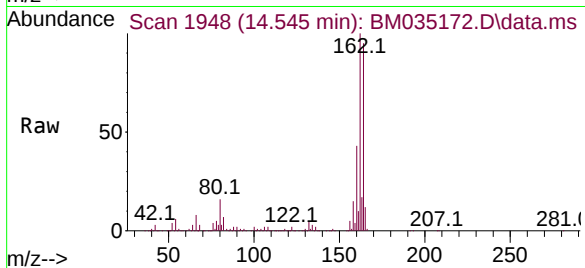
Tgt Ion:164 Resp: 437926

Ion Ratio Lower Upper

164 100

162 105.1 83.0 124.6

160 45.0 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.080 ng

RT: 12.745 min Scan# 1642

Delta R.T. 0.006 min

Lab File: BM035172.D

Acq: 20 May 2022 12:22

Tgt Ion:216 Resp: 599545

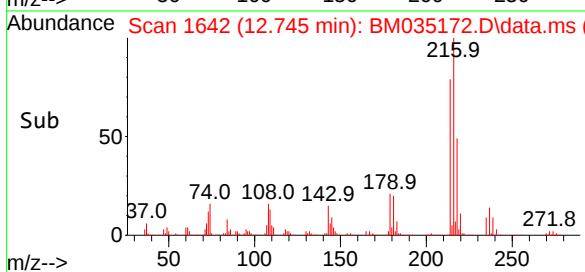
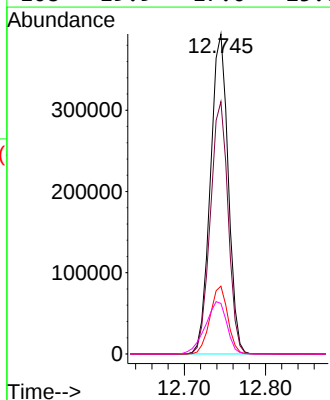
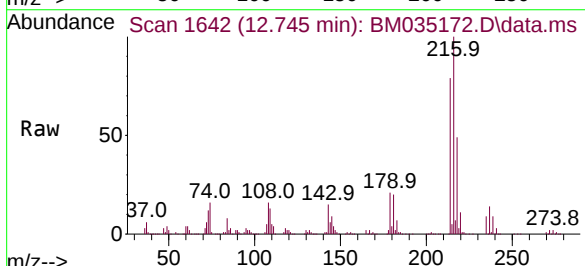
Ion Ratio Lower Upper

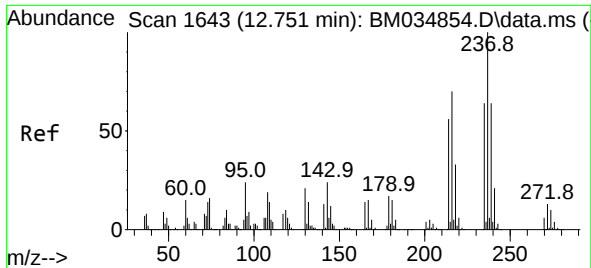
216 100

214 78.7 62.6 94.0

179 21.0 18.2 27.2

108 19.9 17.0 25.6

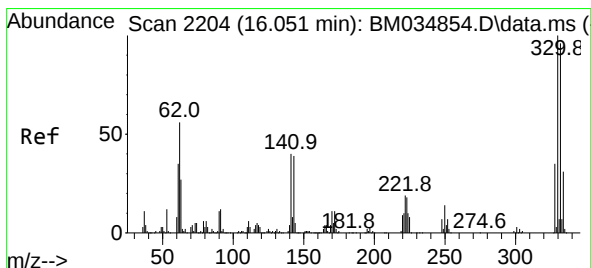
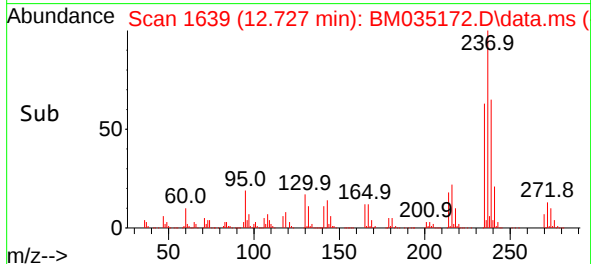
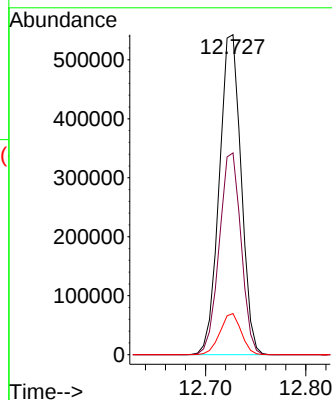
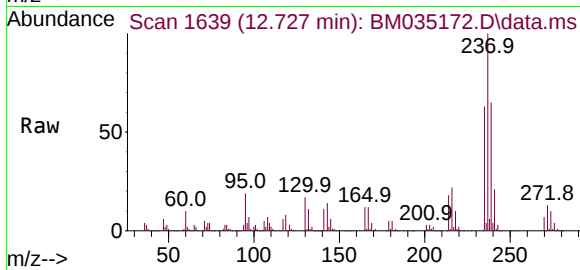




#41
Hexachlorocyclopentadiene
Concen: 109.904 ng
RT: 12.727 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM035172.D
Acq: 20 May 2022 12:22

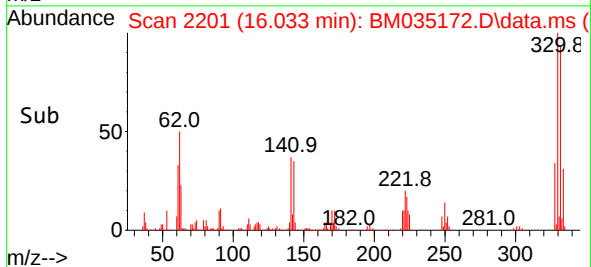
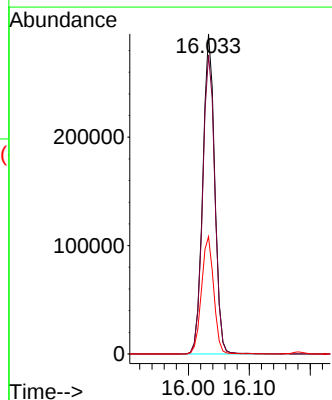
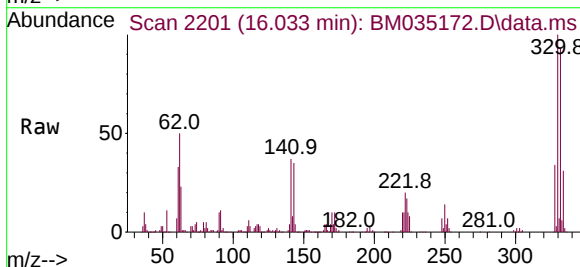
Instrument :
BNA_M
ClientSampleId :
PB144941BS

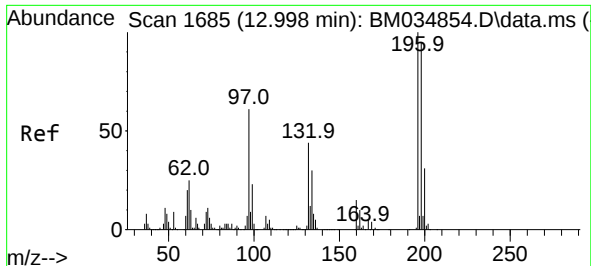
Tgt Ion:237 Resp: 820529
Ion Ratio Lower Upper
237 100
235 63.0 43.8 83.8
272 12.9 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 84.255 ng
RT: 16.033 min Scan# 2201
Delta R.T. -0.000 min
Lab File: BM035172.D
Acq: 20 May 2022 12:22

Tgt Ion:330 Resp: 401370
Ion Ratio Lower Upper
330 100
332 95.5 77.0 115.4
141 37.6 35.3 52.9





#43

2,4,6-Trichlorophenol

Concen: 46.108 ng

RT: 12.980 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM035172.D

Acq: 20 May 2022 12:22

Instrument :

BNA_M

ClientSampleId :

PB144941BS

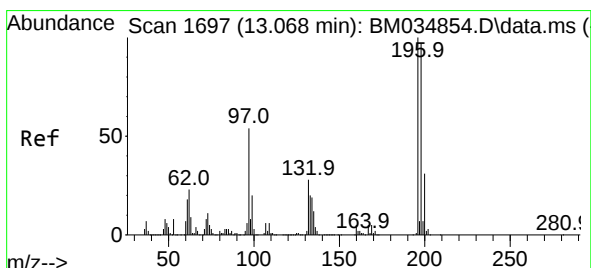
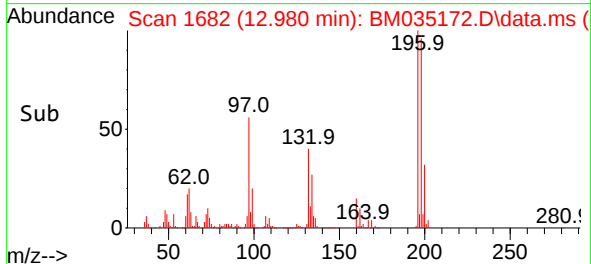
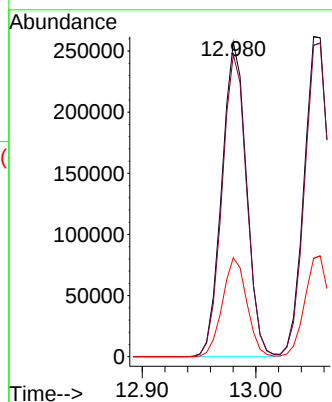
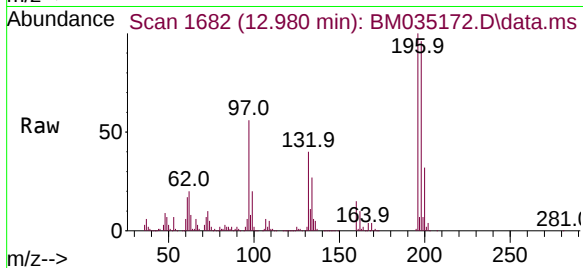
Tgt Ion:196 Resp: 389215

Ion Ratio Lower Upper

196 100

198 96.0 75.8 113.6

200 31.5 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 43.693 ng

RT: 13.051 min Scan# 1694

Delta R.T. -0.000 min

Lab File: BM035172.D

Acq: 20 May 2022 12:22

Tgt Ion:196 Resp: 409568

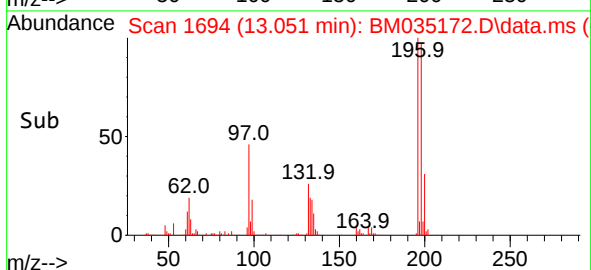
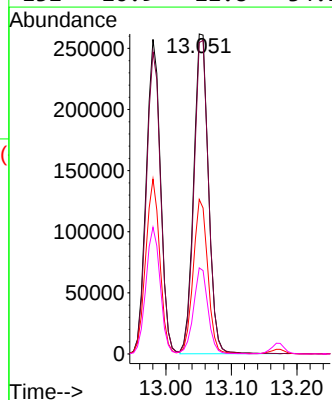
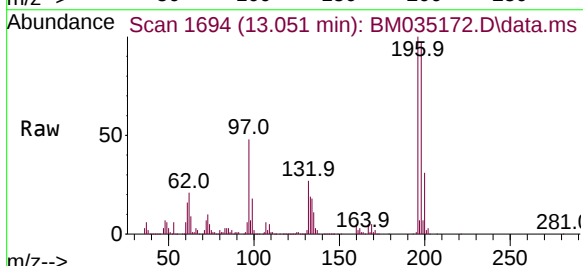
Ion Ratio Lower Upper

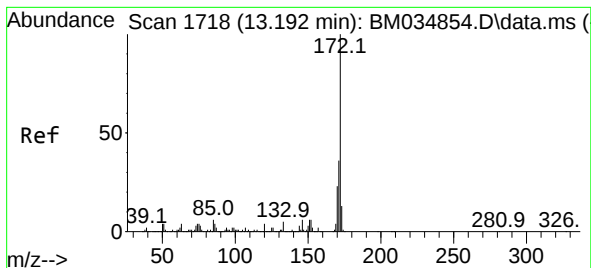
196 100

198 97.3 77.8 116.6

97 48.3 43.4 65.2

132 26.9 22.8 34.2





#45

2-Fluorobiphenyl

Concen: 85.730 ng

RT: 13.174 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM035172.D

Acq: 20 May 2022 12:22

Instrument :

BNA_M

ClientSampleId :

PB144941BS

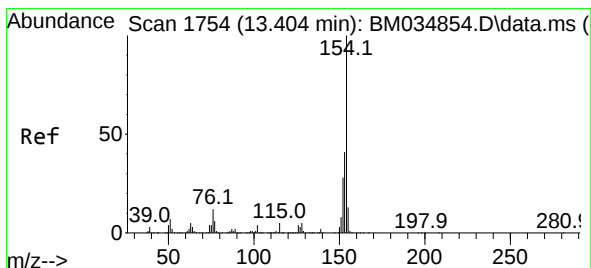
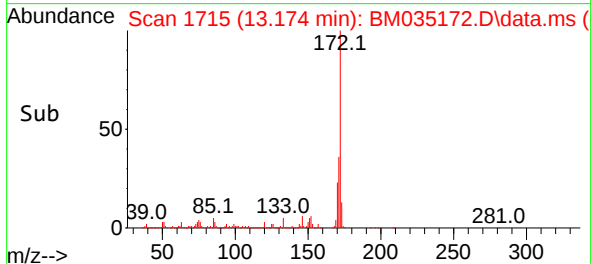
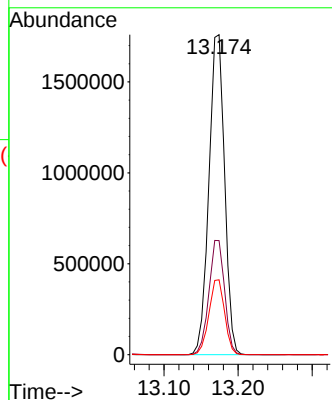
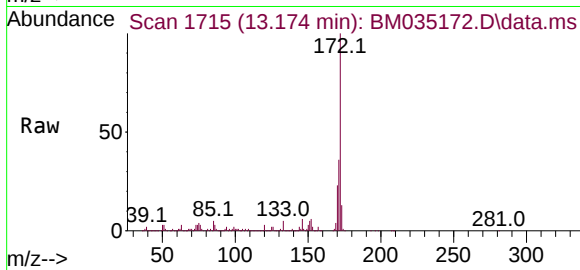
Tgt Ion:172 Resp: 2586207

Ion Ratio Lower Upper

172 100

171 35.7 28.5 42.7

170 23.4 18.7 28.1



#46

1,1'-Biphenyl

Concen: 41.172 ng

RT: 13.380 min Scan# 1750

Delta R.T. -0.000 min

Lab File: BM035172.D

Acq: 20 May 2022 12:22

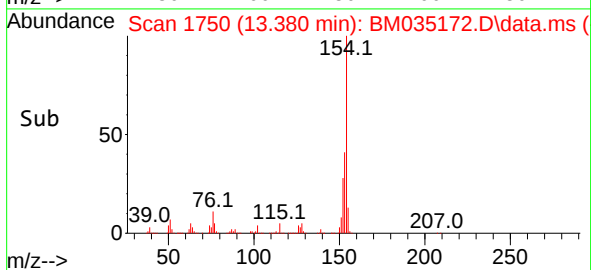
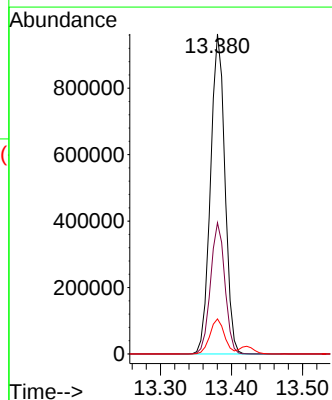
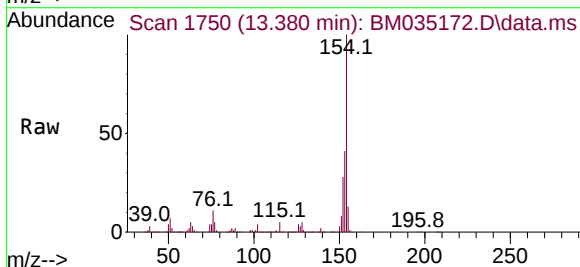
Tgt Ion:154 Resp: 1358356

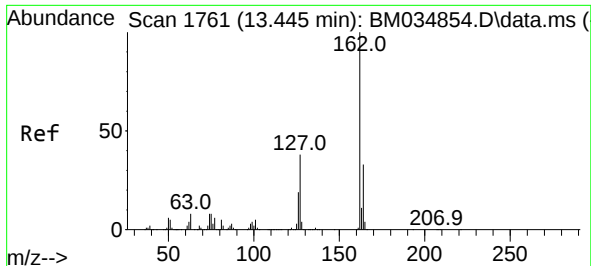
Ion Ratio Lower Upper

154 100

153 41.0 20.5 60.5

76 11.0 0.0 31.8





#47

2-Chloronaphthalene

Concen: 41.187 ng

RT: 13.421 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM035172.D

Acq: 20 May 2022 12:22

Instrument :

BNA_M

ClientSampleId :

PB144941BS

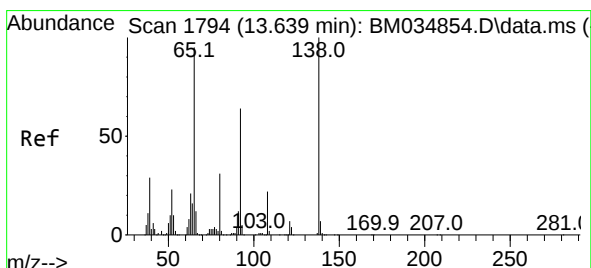
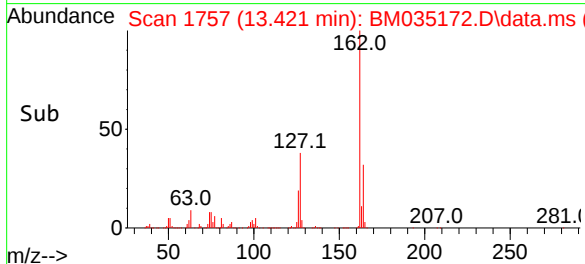
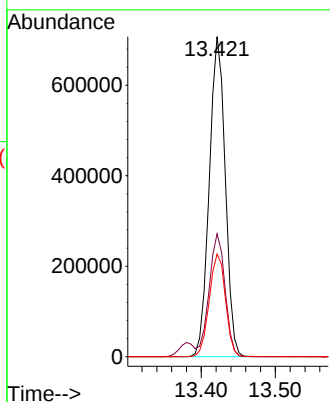
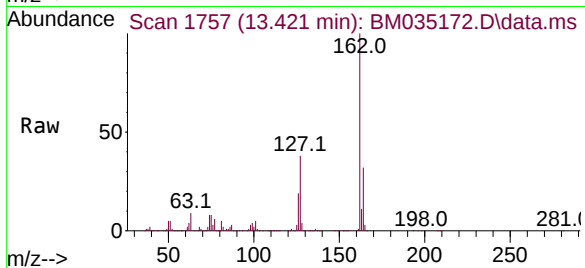
Tgt Ion:162 Resp: 1058980

Ion Ratio Lower Upper

162 100

127 38.4 30.6 45.8

164 32.1 26.6 39.8



#48

2-Nitroaniline

Concen: 38.725 ng

RT: 13.621 min Scan# 1791

Delta R.T. -0.000 min

Lab File: BM035172.D

Acq: 20 May 2022 12:22

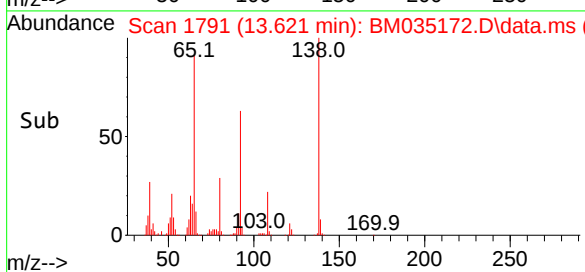
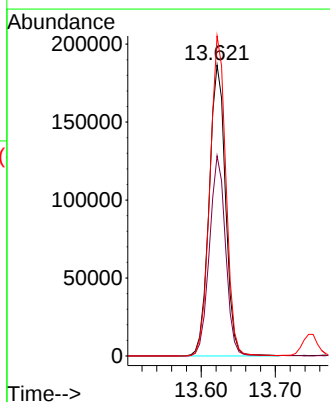
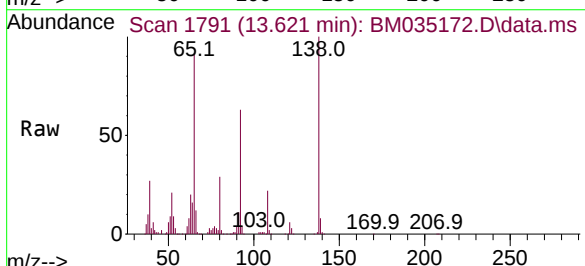
Tgt Ion: 65 Resp: 286423

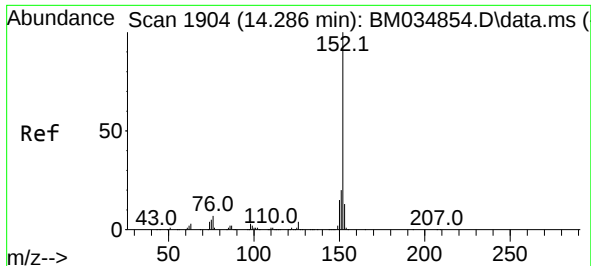
Ion Ratio Lower Upper

65 100

92 68.7 53.7 80.5

138 109.9 83.9 125.9

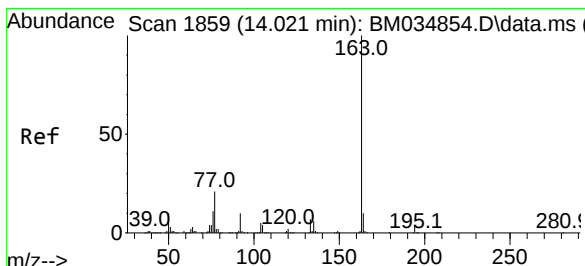
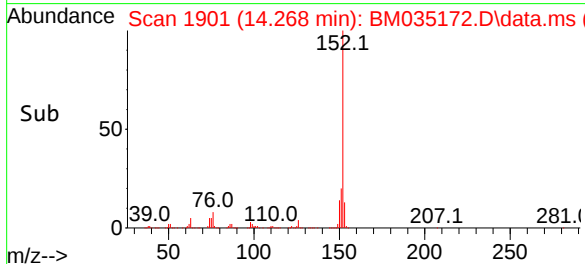
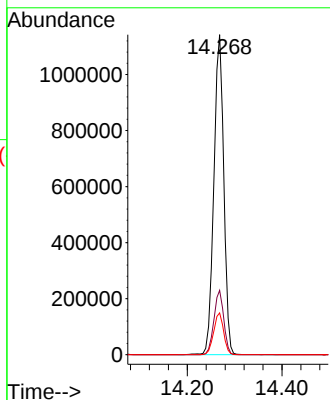
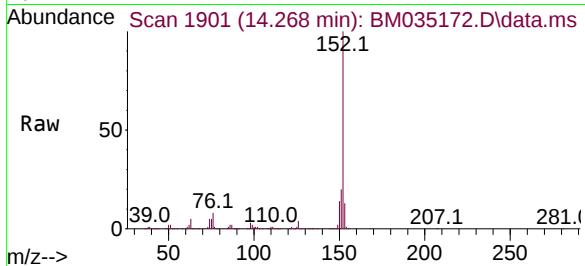




#49
Acenaphthylene
Concen: 41.911 ng
RT: 14.268 min Scan# 1904
Delta R.T. 0.006 min
Lab File: BM035172.D
Acq: 20 May 2022 12:22

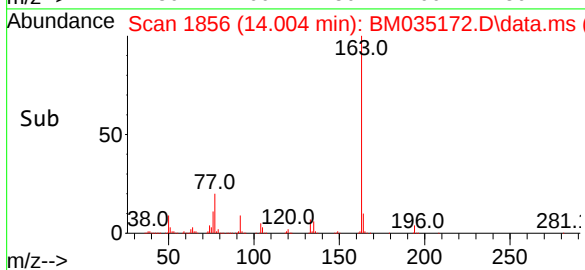
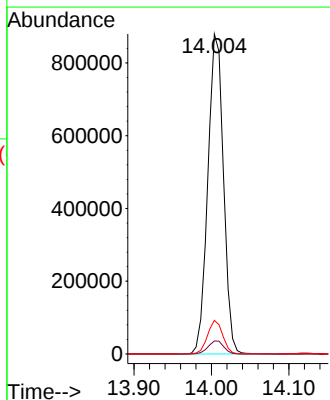
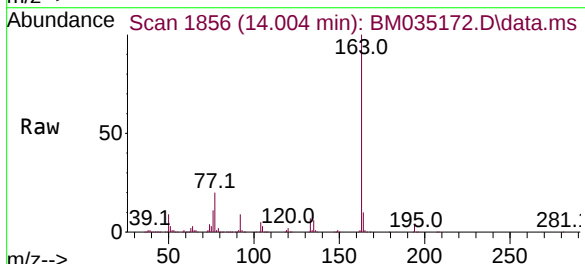
Instrument :
BNA_M
ClientSampleId :
PB144941BS

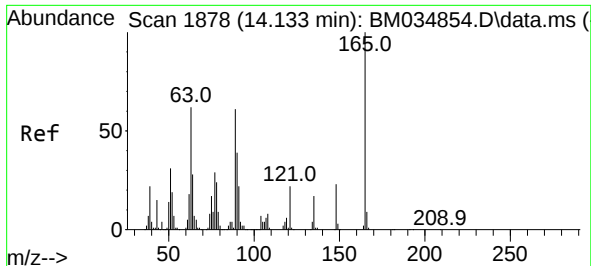
Tgt Ion:152 Resp: 1659037
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.0 10.5 15.7



#50
Dimethylphthalate
Concen: 37.748 ng
RT: 14.004 min Scan# 1856
Delta R.T. -0.000 min
Lab File: BM035172.D
Acq: 20 May 2022 12:22

Tgt Ion:163 Resp: 1232468
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.4
164 10.5 8.4 12.6





#51

2,6-Dinitrotoluene

Concen: 40.753 ng

RT: 14.121 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM035172.D

Acq: 20 May 2022 12:22

Instrument :

BNA_M

ClientSampleId :

PB144941BS

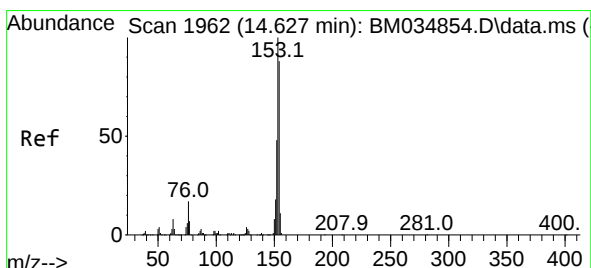
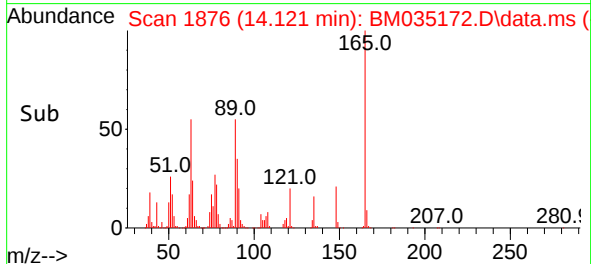
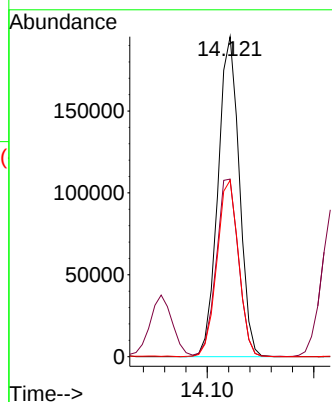
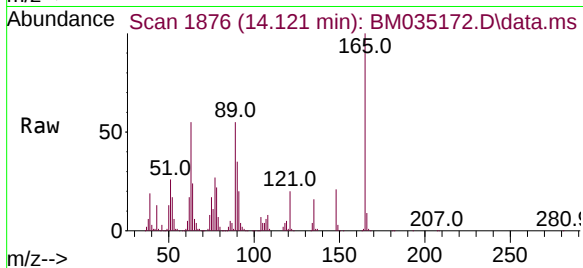
Tgt Ion:165 Resp: 270897

Ion Ratio Lower Upper

165 100

63 55.5 50.2 75.2

89 55.1 48.4 72.6



#52

Acenaphthene

Concen: 34.955 ng

RT: 14.610 min Scan# 1959

Delta R.T. -0.000 min

Lab File: BM035172.D

Acq: 20 May 2022 12:22

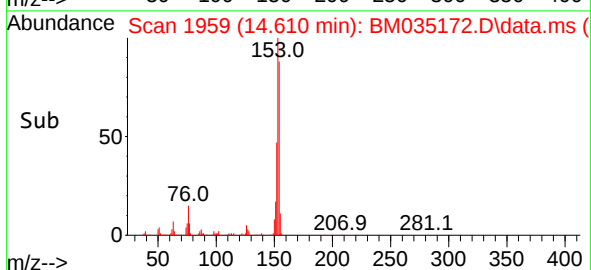
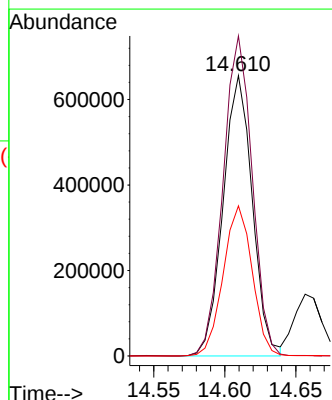
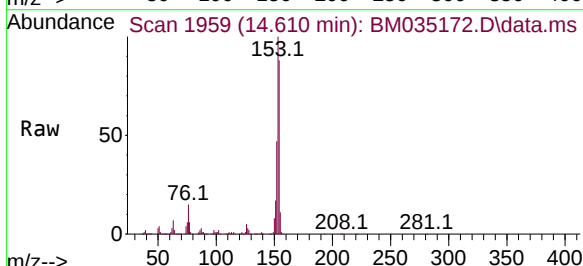
Tgt Ion:154 Resp: 937468

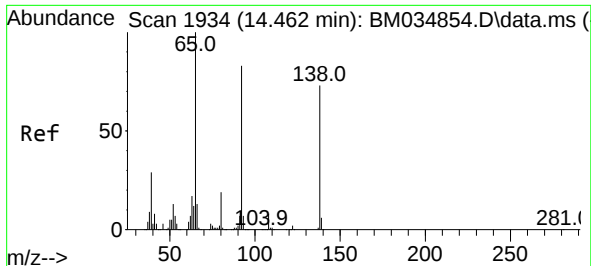
Ion Ratio Lower Upper

154 100

153 114.2 91.0 136.6

152 53.6 43.4 65.2

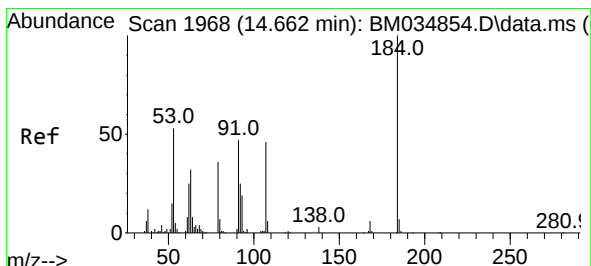
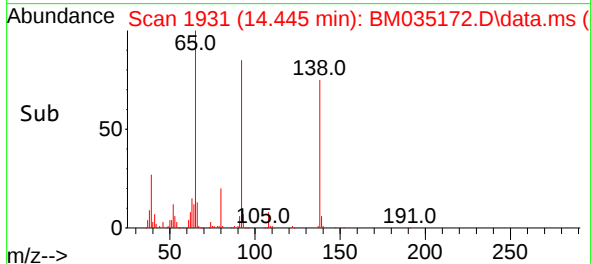
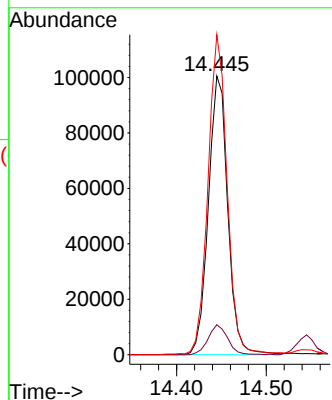
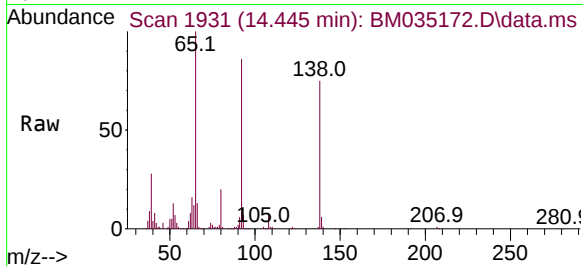




#53
3-Nitroaniline
Concen: 21.151 ng
RT: 14.445 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BM035172.D
Acq: 20 May 2022 12:22

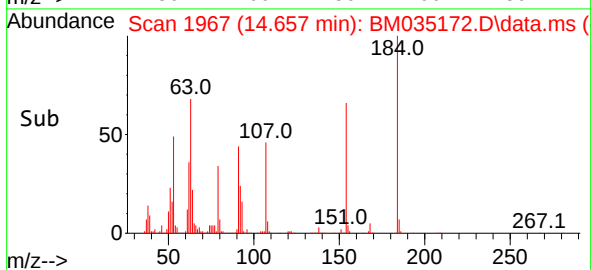
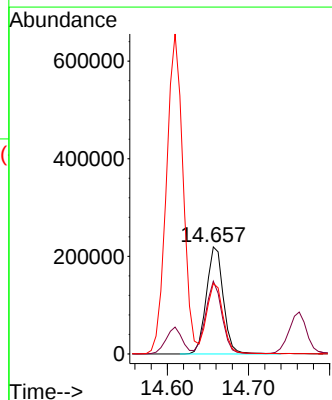
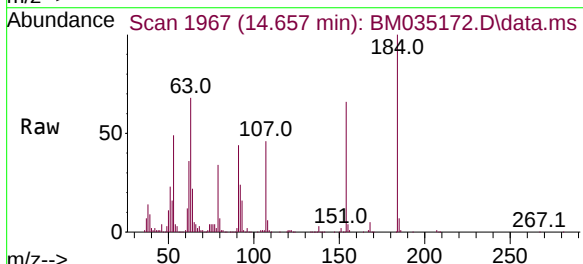
Instrument :
BNA_M
ClientSampleId :
PB144941BS

Tgt Ion:138 Resp: 150847
Ion Ratio Lower Upper
138 100
108 10.8 8.7 13.1
92 114.8 91.5 137.3



#54
2,4-Dinitrophenol
Concen: 81.347 ng
RT: 14.657 min Scan# 1967
Delta R.T. 0.006 min
Lab File: BM035172.D
Acq: 20 May 2022 12:22

Tgt Ion:184 Resp: 318064
Ion Ratio Lower Upper
184 100
63 68.0 59.5 89.3
154 65.9 55.6 83.4

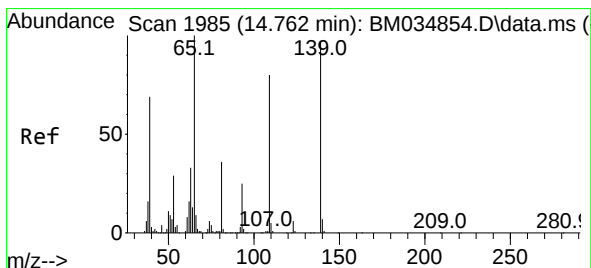
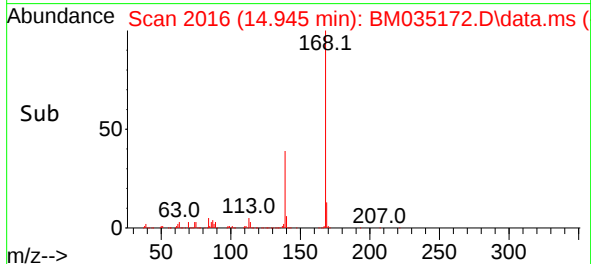
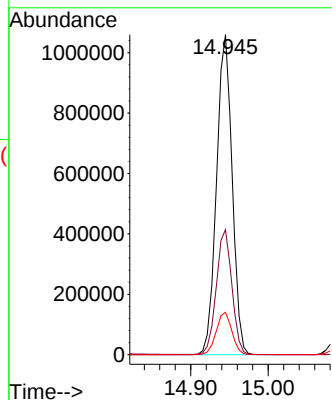
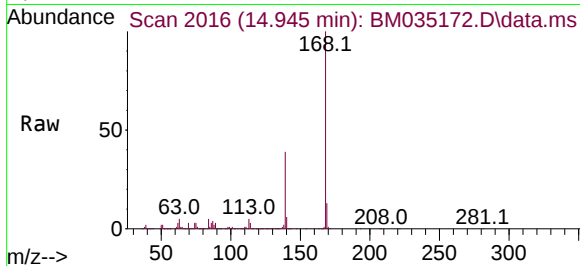




#55
Dibenzenofuran
Concen: 38.853 ng
RT: 14.945 min Scan# 2016
Delta R.T. 0.006 min
Lab File: BM035172.D
Acq: 20 May 2022 12:22

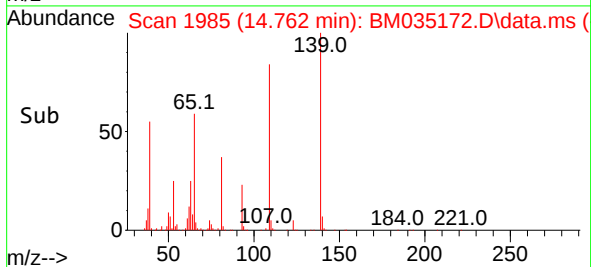
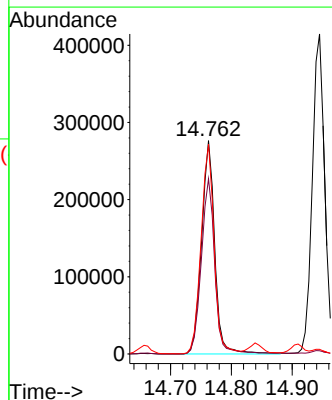
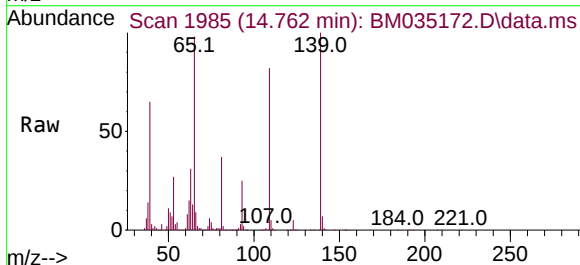
Instrument :
BNA_M
ClientSampleId :
PB144941BS

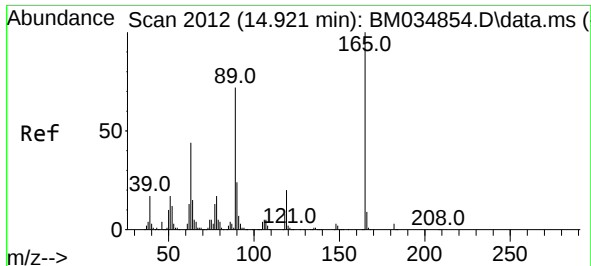
Tgt Ion:168 Resp: 1487613
Ion Ratio Lower Upper
168 100
139 39.1 32.2 48.2
169 13.3 10.6 16.0



#56
4-Nitrophenol
Concen: 71.139 ng
RT: 14.762 min Scan# 1985
Delta R.T. 0.012 min
Lab File: BM035172.D
Acq: 20 May 2022 12:22

Tgt Ion:139 Resp: 414414
Ion Ratio Lower Upper
139 100
109 82.2 62.5 102.5
65 98.3 83.5 123.5

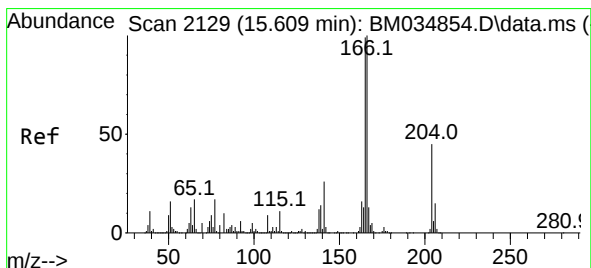
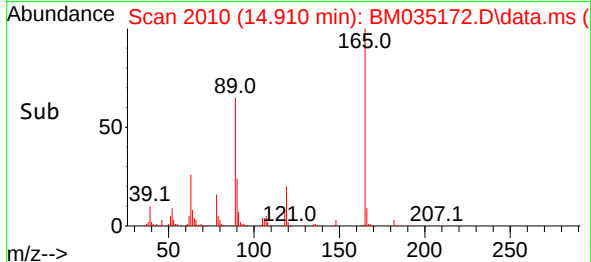
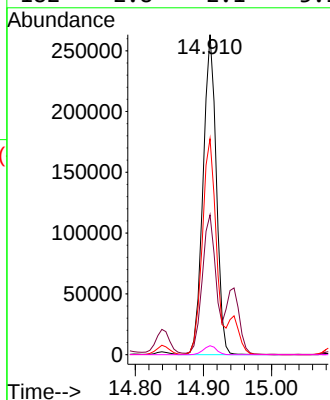
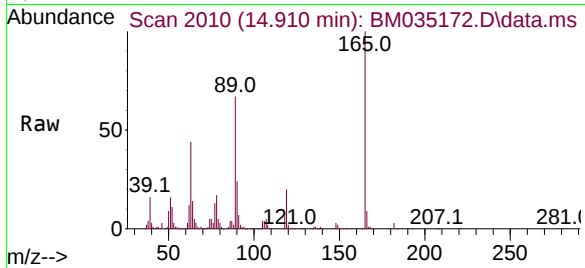




#57
2,4-Dinitrotoluene
Concen: 39.916 ng
RT: 14.910 min Scan# 2012
Delta R.T. 0.006 min
Lab File: BM035172.D
Acq: 20 May 2022 12:22

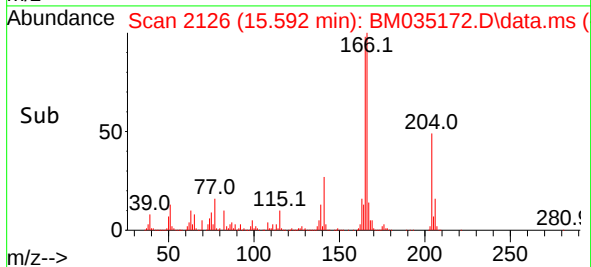
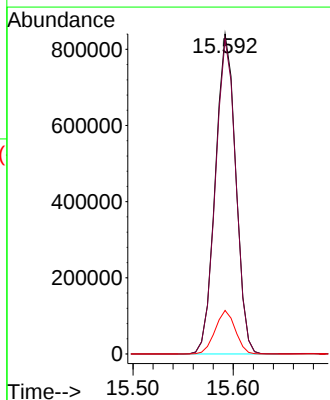
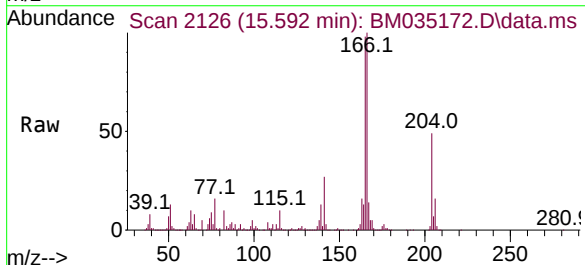
Instrument :
BNA_M
ClientSampleId :
PB144941BS

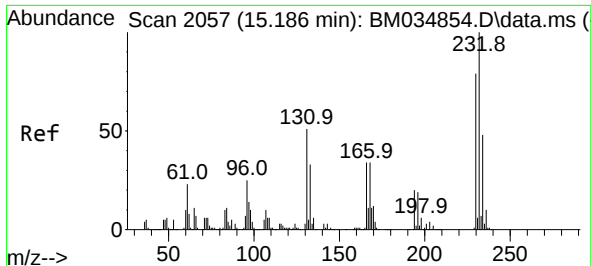
Tgt Ion:165 Resp: 355658
Ion Ratio Lower Upper
165 100
63 43.7 35.6 53.4
89 67.5 57.3 85.9
182 2.8 2.1 3.1



#58
Fluorene
Concen: 37.326 ng
RT: 15.592 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BM035172.D
Acq: 20 May 2022 12:22

Tgt Ion:166 Resp: 1187122
Ion Ratio Lower Upper
166 100
165 98.4 79.4 119.2
167 13.6 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.827 ng

RT: 15.174 min Scan# 2055

Delta R.T. 0.006 min

Lab File: BM035172.D

Acq: 20 May 2022 12:22

Instrument :

BNA_M

ClientSampleId :

PB144941BS

Tgt Ion:232 Resp: 325356

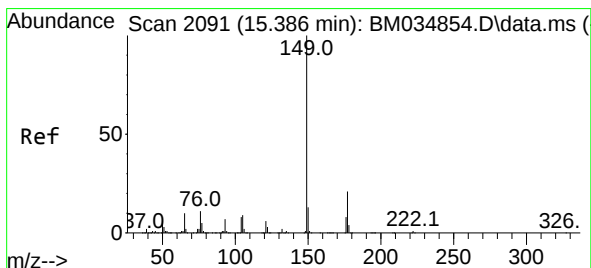
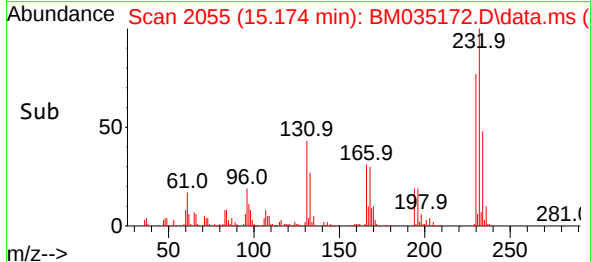
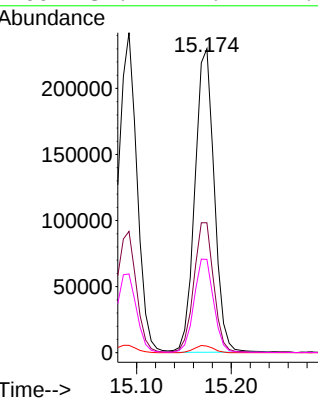
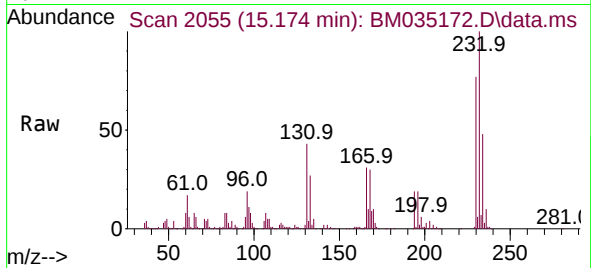
Ion Ratio Lower Upper

232 100

131 44.0 41.0 61.6

130 2.3 2.3 3.5

166 31.7 27.7 41.5



#60

Diethylphthalate

Concen: 35.557 ng

RT: 15.368 min Scan# 2088

Delta R.T. -0.000 min

Lab File: BM035172.D

Acq: 20 May 2022 12:22

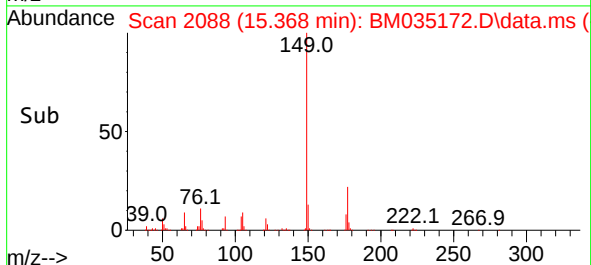
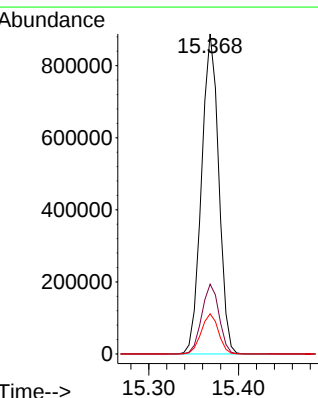
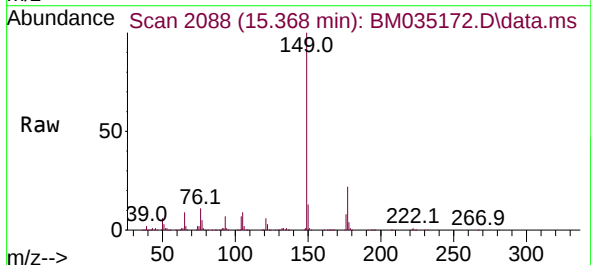
Tgt Ion:149 Resp: 1182429

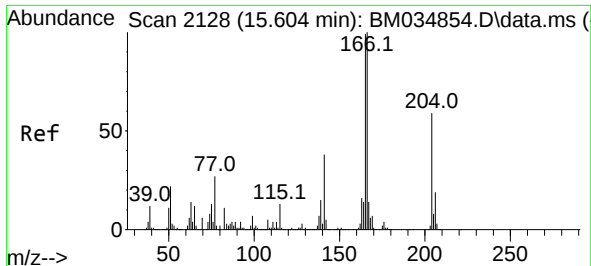
Ion Ratio Lower Upper

149 100

177 21.8 16.9 25.3

150 12.6 10.1 15.1

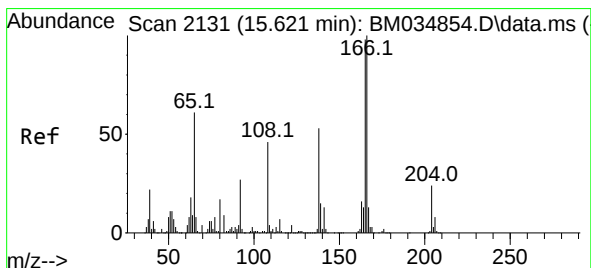
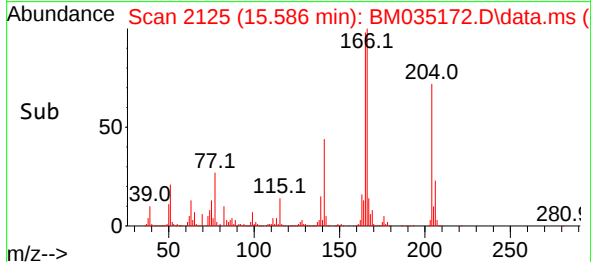
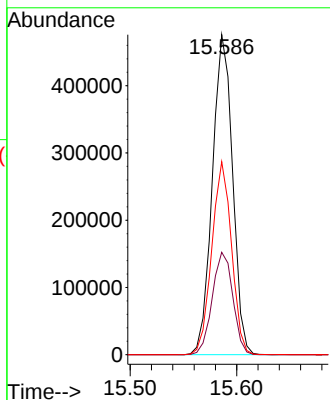
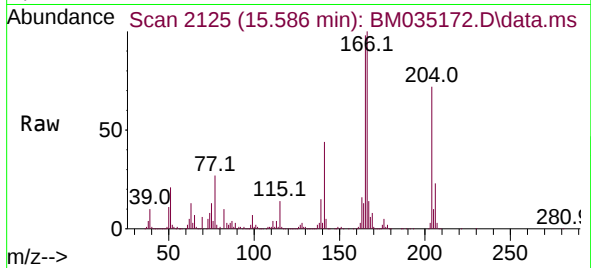




#61
4-Chlorophenyl-phenylether
Concen: 41.217 ng
RT: 15.586 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BM035172.D
Acq: 20 May 2022 12:22

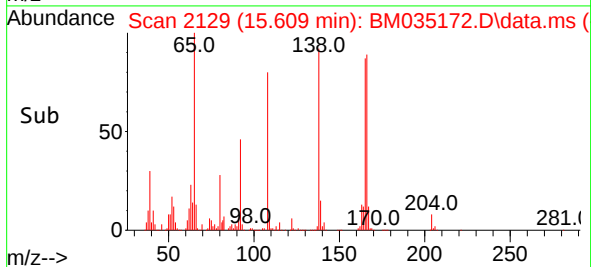
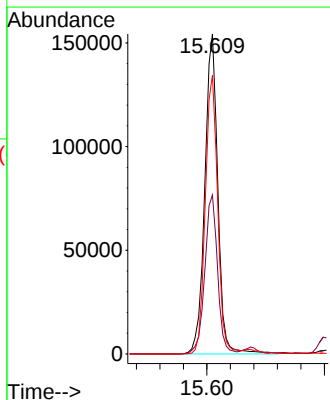
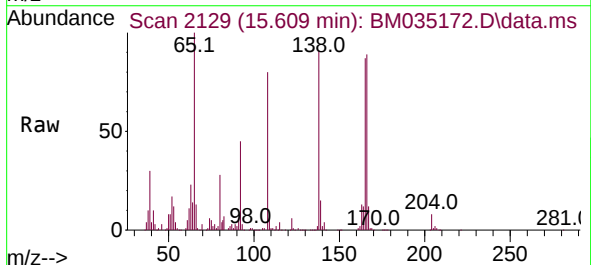
Instrument :
BNA_M
ClientSampleId :
PB144941BS

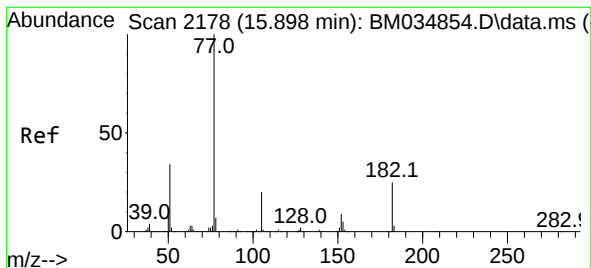
Tgt Ion:204 Resp: 627348
Ion Ratio Lower Upper
204 100
206 32.0 26.3 39.5
141 60.3 51.2 76.8



#62
4-Nitroaniline
Concen: 32.119 ng
RT: 15.609 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BM035172.D
Acq: 20 May 2022 12:22

Tgt Ion:138 Resp: 237206
Ion Ratio Lower Upper
138 100
92 49.7 30.8 70.8
108 87.1 65.7 105.7





#63

Azobenzene

Concen: 34.394 ng

RT: 15.880 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM035172.D

Acq: 20 May 2022 12:22

Instrument :

BNA_M

ClientSampleId :

PB144941BS

Tgt Ion: 77 Resp: 1043154

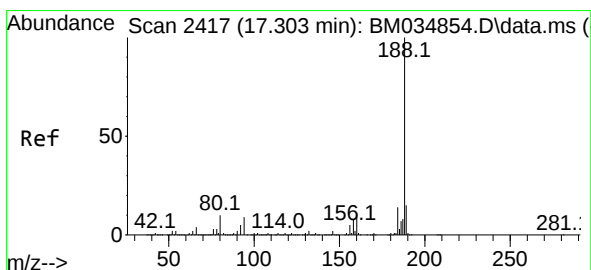
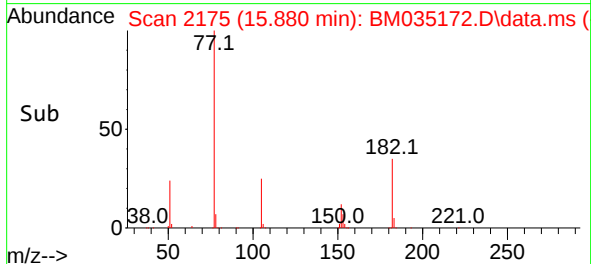
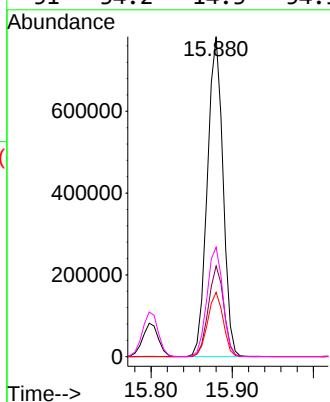
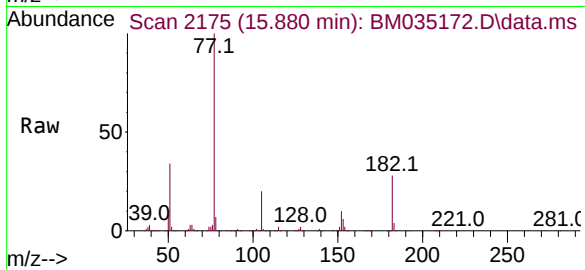
Ion Ratio Lower Upper

77 100

182 28.3 4.9 44.9

105 20.1 0.0 39.6

51 34.2 14.3 54.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.286 min Scan# 2414

Delta R.T. -0.000 min

Lab File: BM035172.D

Acq: 20 May 2022 12:22

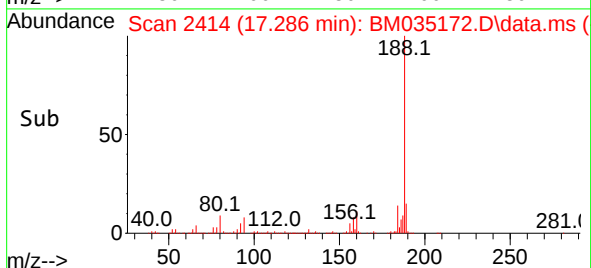
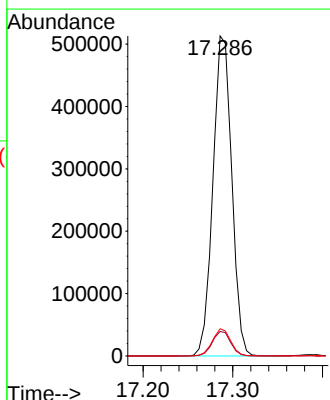
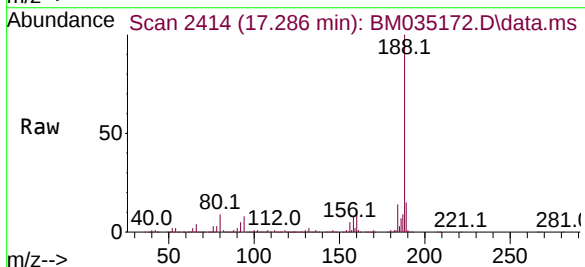
Tgt Ion:188 Resp: 746955

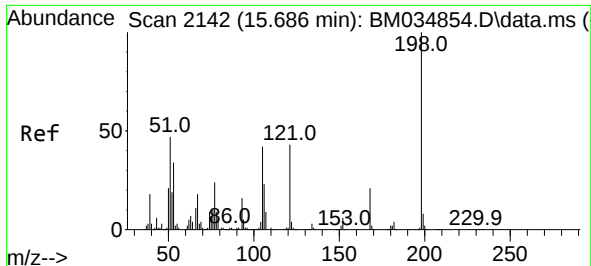
Ion Ratio Lower Upper

188 100

94 7.6 7.0 10.4

80 8.5 7.6 11.4

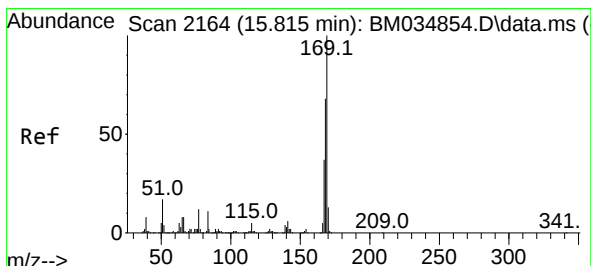
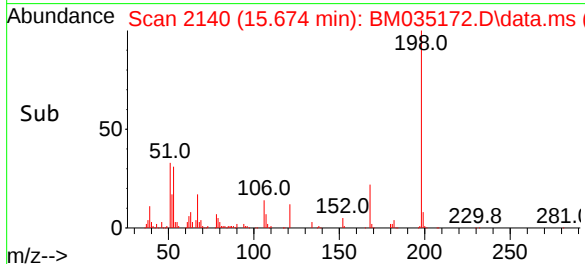
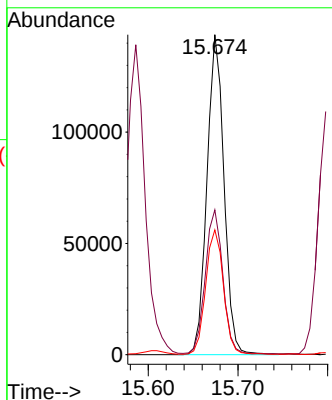
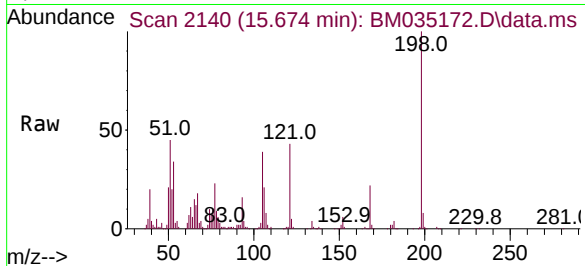




#65
4,6-Dinitro-2-methylphenol
Concen: 42.501 ng
RT: 15.674 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BM035172.D
Acq: 20 May 2022 12:22

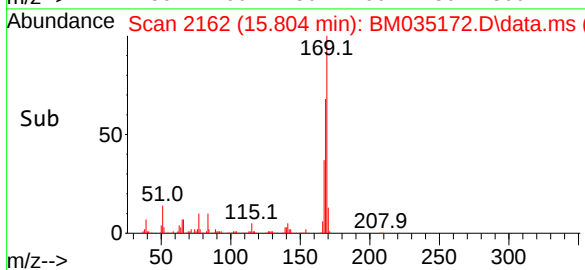
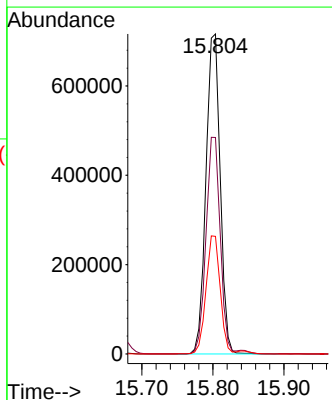
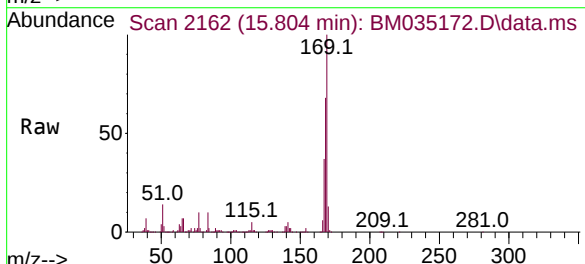
Instrument :
BNA_M
ClientSampleId :
PB144941BS

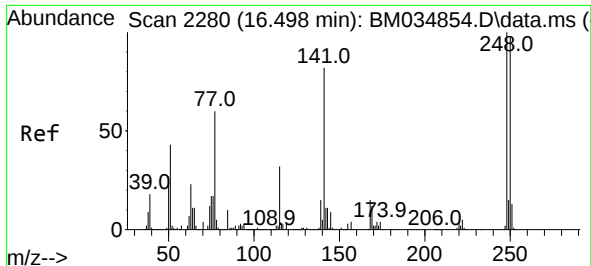
Tgt Ion:198 Resp: 189775
Ion Ratio Lower Upper
198 100
51 45.3 29.0 69.0
105 39.0 22.1 62.1



#66
n-Nitrosodiphenylamine
Concen: 44.149 ng
RT: 15.804 min Scan# 2162
Delta R.T. 0.006 min
Lab File: BM035172.D
Acq: 20 May 2022 12:22

Tgt Ion:169 Resp: 999417
Ion Ratio Lower Upper
169 100
168 67.7 54.3 81.5
167 36.8 29.4 44.0

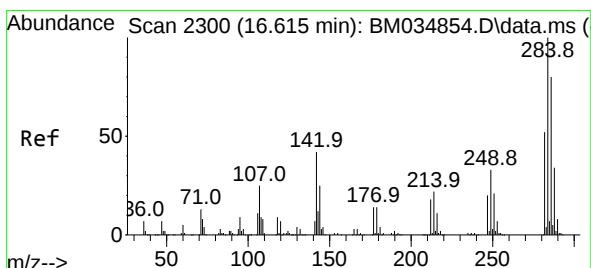
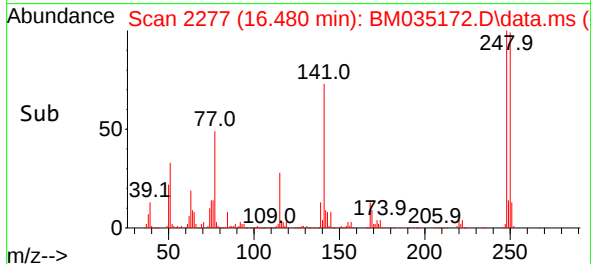
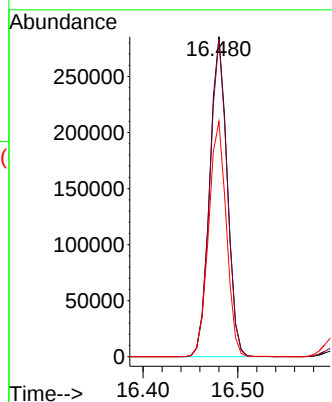
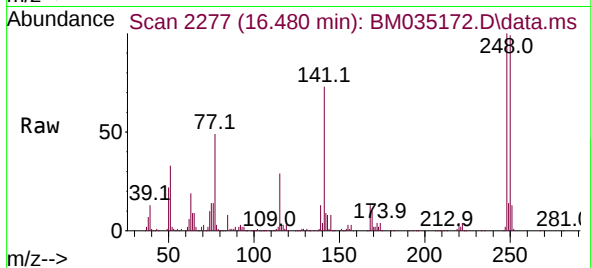




#67
4-Bromophenyl-phenylether
Concen: 48.073 ng
RT: 16.480 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM035172.D
Acq: 20 May 2022 12:22

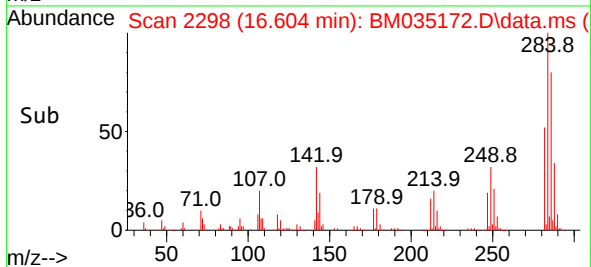
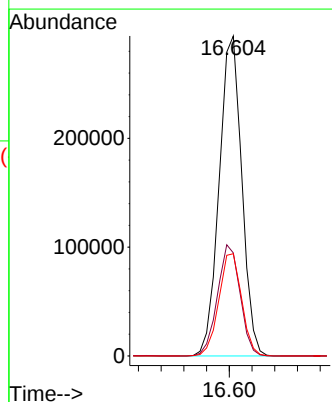
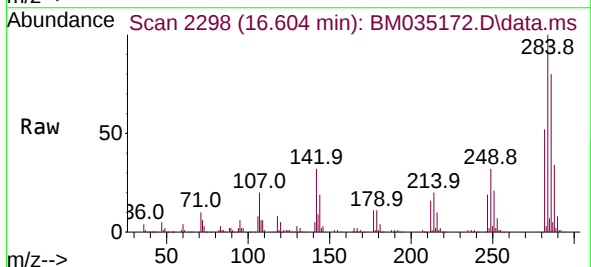
Instrument :
BNA_M
ClientSampleId :
PB144941BS

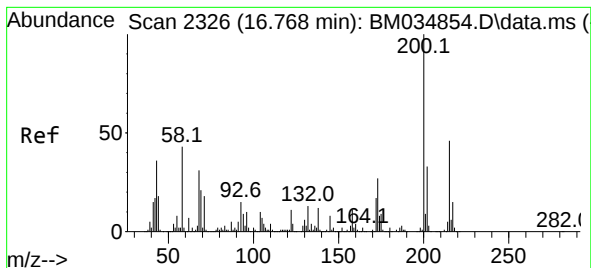
Tgt Ion:248 Resp: 365010
Ion Ratio Lower Upper
248 100
250 99.3 78.0 117.0
141 73.5 66.0 99.0



#68
Hexachlorobenzene
Concen: 47.440 ng
RT: 16.604 min Scan# 2298
Delta R.T. 0.006 min
Lab File: BM035172.D
Acq: 20 May 2022 12:22

Tgt Ion:284 Resp: 406670
Ion Ratio Lower Upper
284 100
142 32.2 33.6 50.4#
249 32.0 26.2 39.2





#69

Atrazine

Concen: 43.915 ng

RT: 16.756 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM035172.D

Acq: 20 May 2022 12:22

Instrument :

BNA_M

ClientSampleId :

PB144941BS

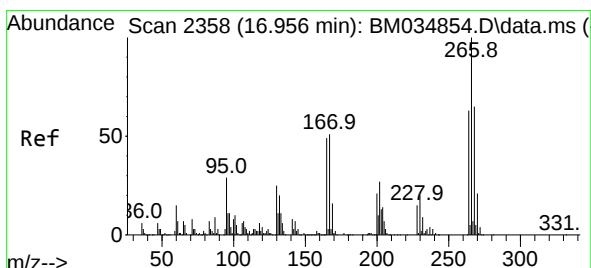
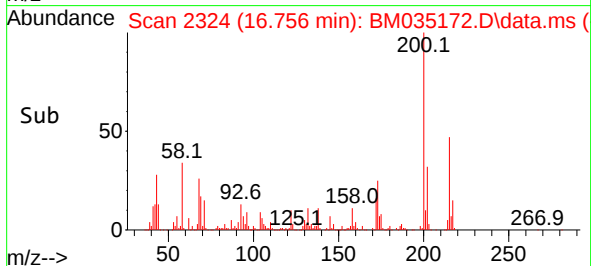
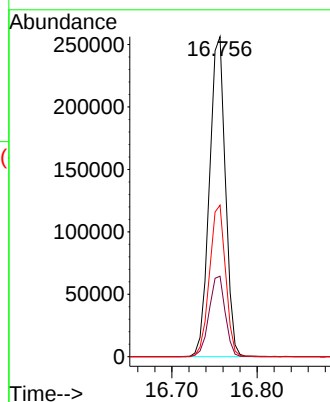
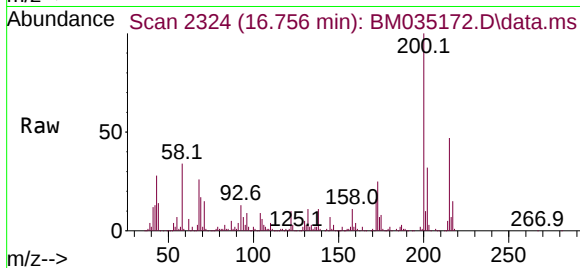
Tgt Ion:200 Resp: 333757

Ion Ratio Lower Upper

200 100

173 25.2 6.6 46.6

215 47.4 26.2 66.2



#70

Pentachlorophenol

Concen: 89.012 ng

RT: 16.945 min Scan# 2356

Delta R.T. 0.006 min

Lab File: BM035172.D

Acq: 20 May 2022 12:22

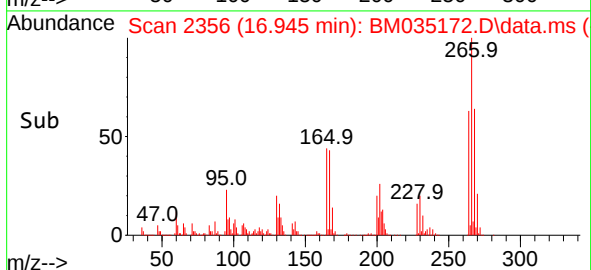
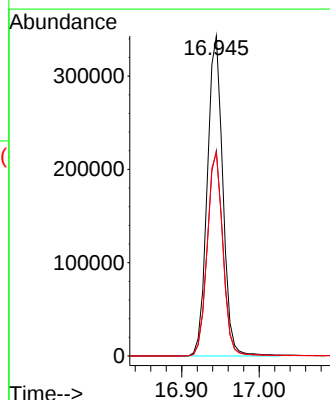
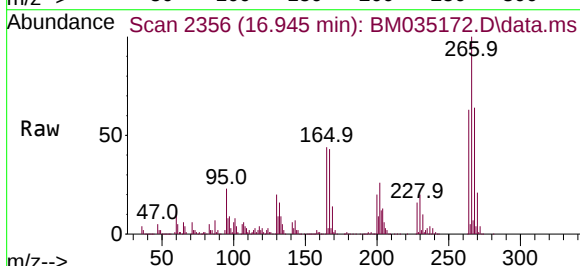
Tgt Ion:266 Resp: 478086

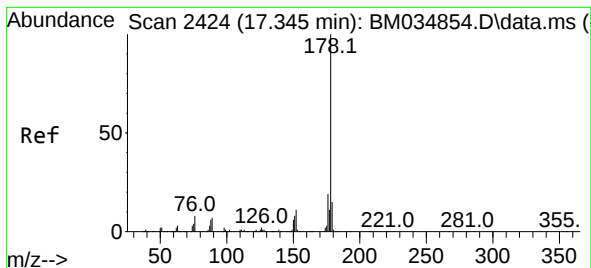
Ion Ratio Lower Upper

266 100

268 64.2 51.9 77.9

264 63.4 50.6 76.0





#71

Phenanthrene

Concen: 39.937 ng

RT: 17.333 min Scan# 24

Delta R.T. 0.006 min

Lab File: BM035172.D

Acq: 20 May 2022 12:22

Instrument :

BNA_M

ClientSampleId :

PB144941BS

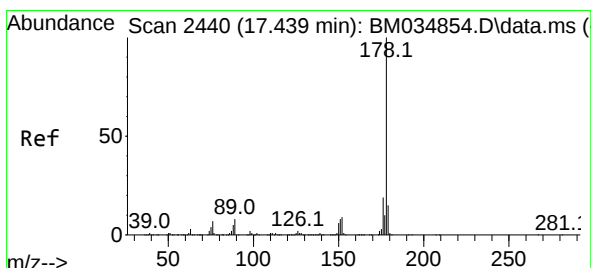
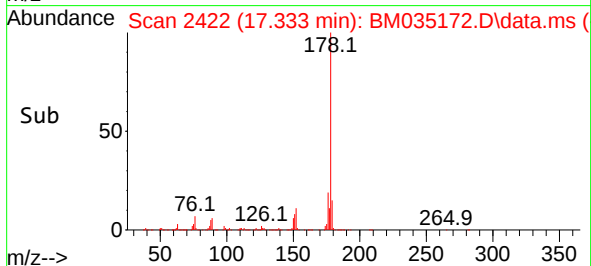
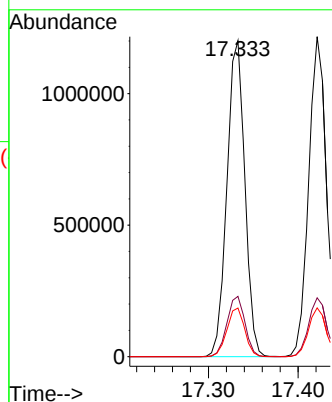
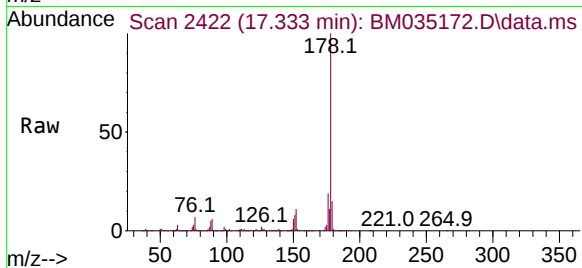
Tgt Ion:178 Resp: 1662562

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

179 15.4 12.4 18.6



#72

Anthracene

Concen: 41.518 ng

RT: 17.421 min Scan# 2437

Delta R.T. -0.000 min

Lab File: BM035172.D

Acq: 20 May 2022 12:22

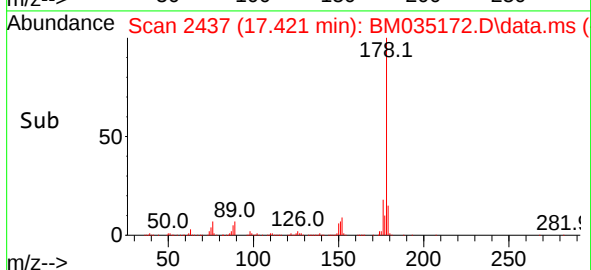
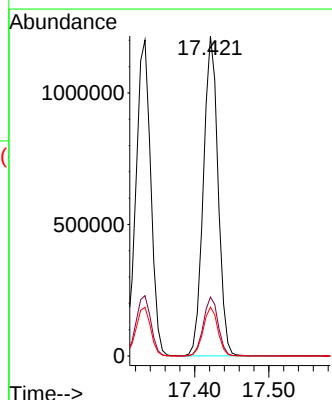
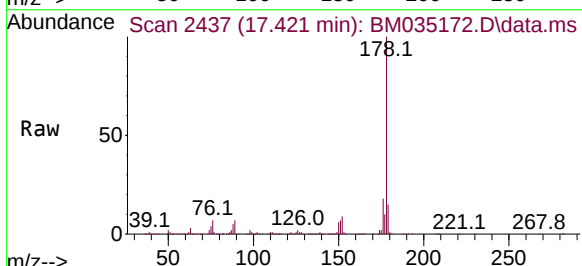
Tgt Ion:178 Resp: 1668900

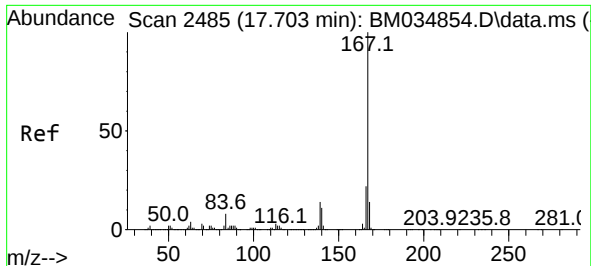
Ion Ratio Lower Upper

178 100

176 18.4 15.0 22.4

179 15.3 12.2 18.2

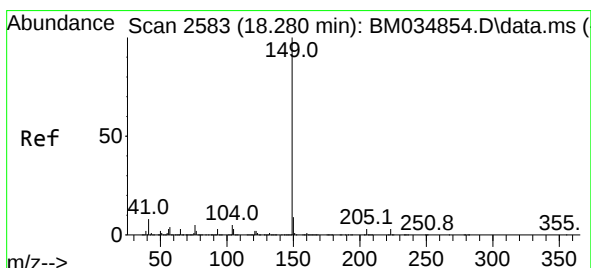
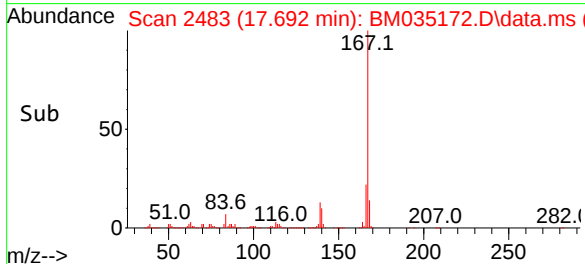
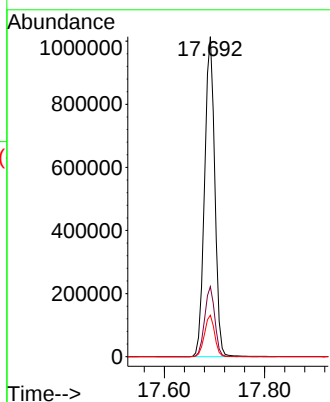
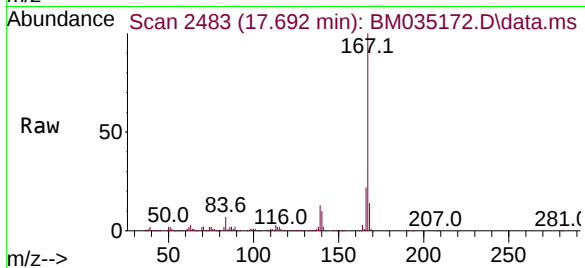




#73
 Carbazole
 Concen: 39.071 ng
 RT: 17.692 min Scan# 24
 Delta R.T. 0.006 min
 Lab File: BM035172.D
 Acq: 20 May 2022 12:22

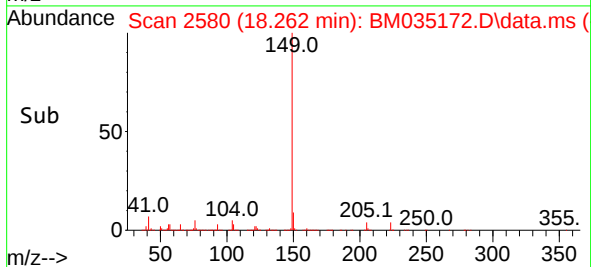
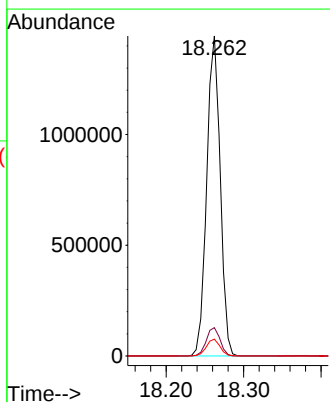
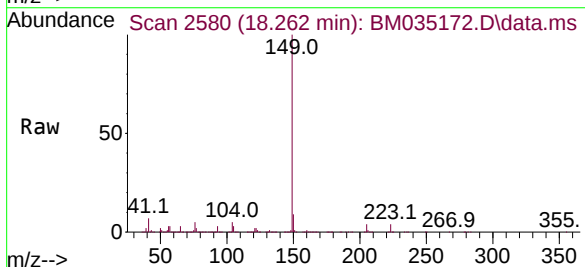
Instrument :
 BNA_M
 ClientSampleId :
 PB144941BS

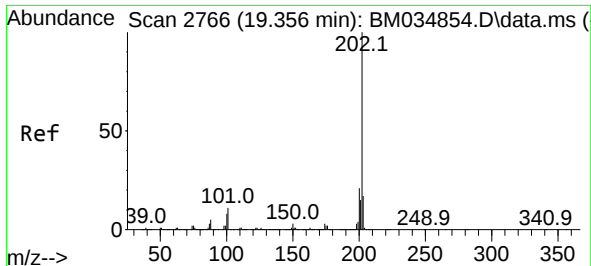
Tgt Ion:167 Resp: 1434387
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.8
 139 12.9 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 37.304 ng
 RT: 18.262 min Scan# 2580
 Delta R.T. -0.000 min
 Lab File: BM035172.D
 Acq: 20 May 2022 12:22

Tgt Ion:149 Resp: 1742500
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.3 10.9
 104 5.2 4.3 6.5

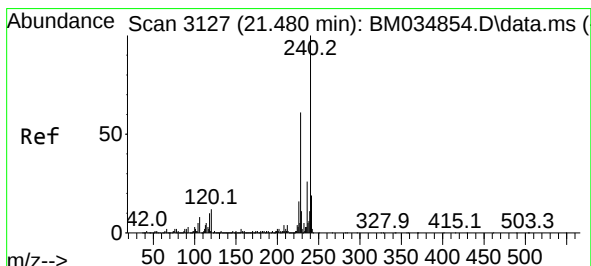
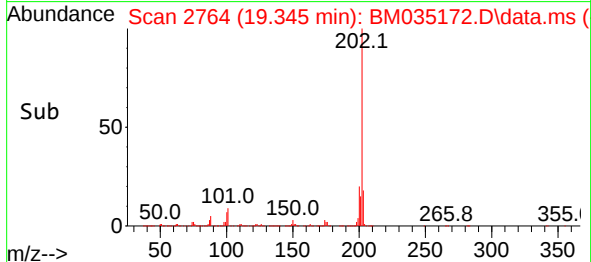
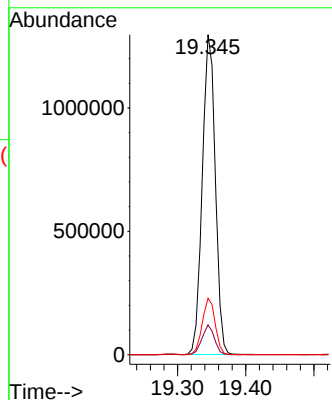
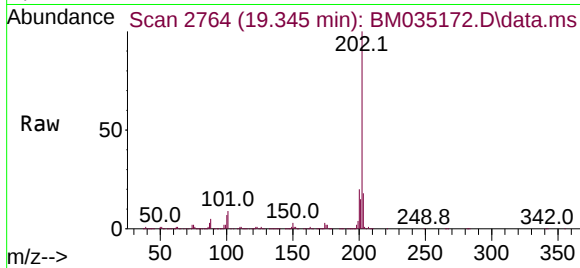




#75
Fluoranthene
Concen: 37.652 ng
RT: 19.345 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM035172.D
Acq: 20 May 2022 12:22

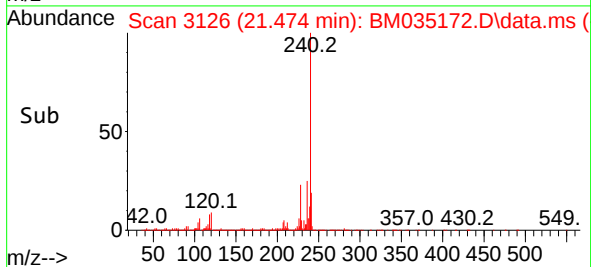
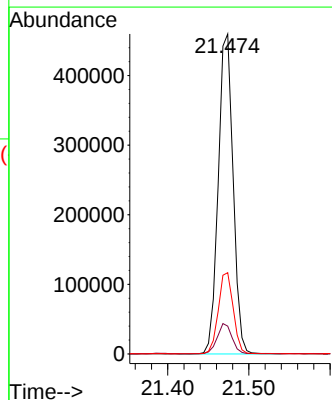
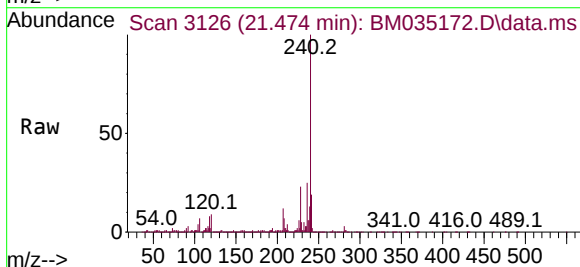
Instrument :
BNA_M
ClientSampleId :
PB144941BS

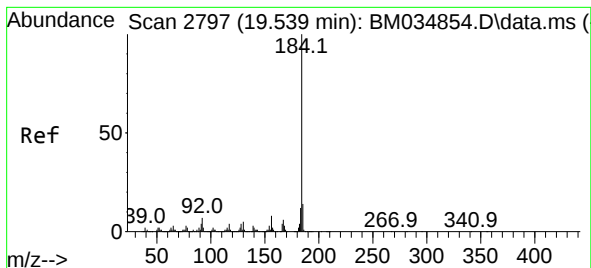
Tgt Ion:202 Resp: 1721172
Ion Ratio Lower Upper
202 100
101 9.3 0.0 30.6
203 17.6 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.474 min Scan# 3126
Delta R.T. -0.000 min
Lab File: BM035172.D
Acq: 20 May 2022 12:22

Tgt Ion:240 Resp: 586792
Ion Ratio Lower Upper
240 100
120 8.7 9.4 14.0#
236 25.4 20.6 30.8





#77

Benzidine

Concen: 24.117 ng

RT: 19.527 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM035172.D

Acq: 20 May 2022 12:22

Instrument :

BNA_M

ClientSampleId :

PB144941BS

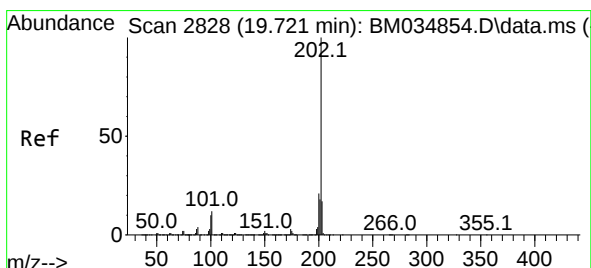
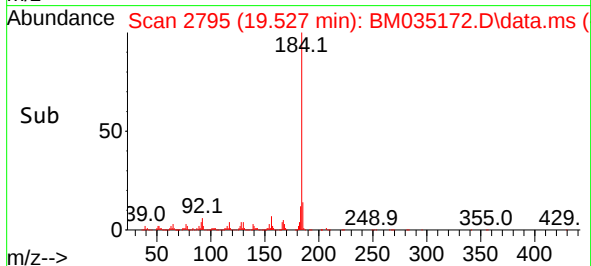
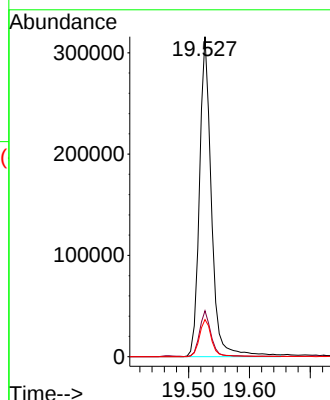
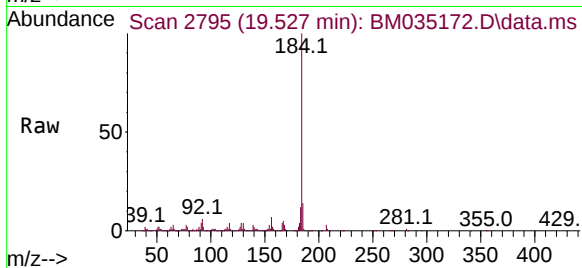
Tgt Ion:184 Resp: 432318

Ion Ratio Lower Upper

184 100

185 14.4 11.3 16.9

183 11.6 9.5 14.3



#78

Pyrene

Concen: 45.078 ng

RT: 19.709 min Scan# 2826

Delta R.T. -0.000 min

Lab File: BM035172.D

Acq: 20 May 2022 12:22

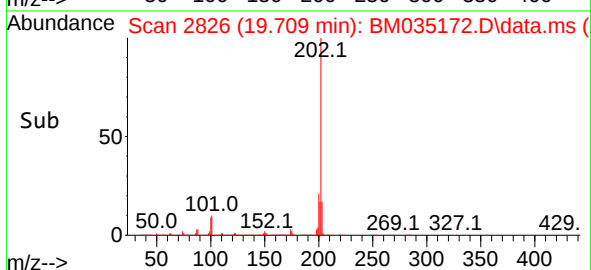
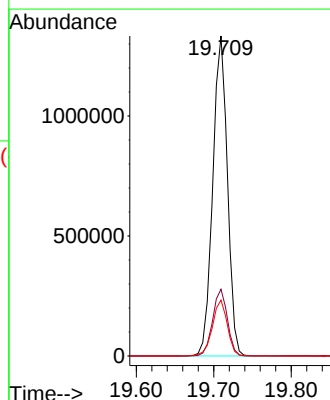
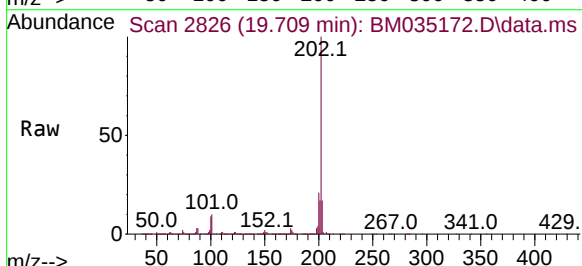
Tgt Ion:202 Resp: 1749240

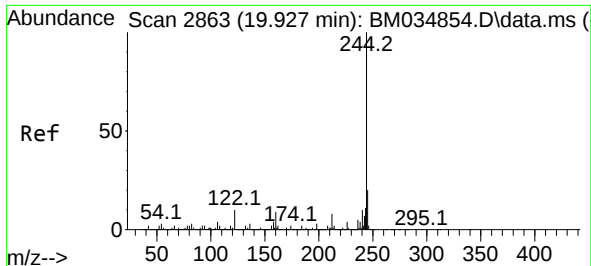
Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

203 17.4 13.9 20.9

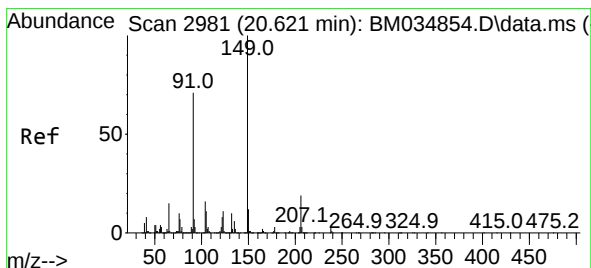
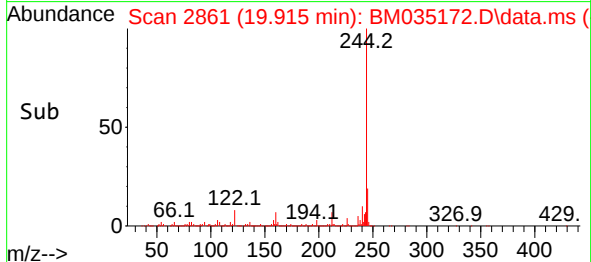
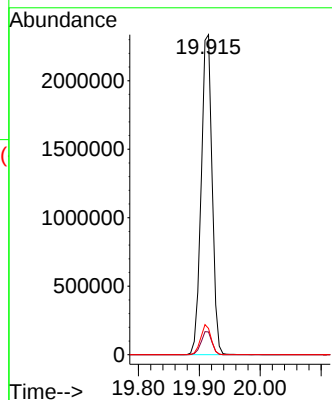
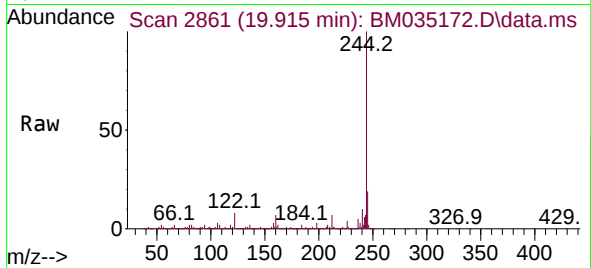




#79
 Terphenyl-d14
 Concen: 95.908 ng
 RT: 19.915 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM035172.D
 Acq: 20 May 2022 12:22

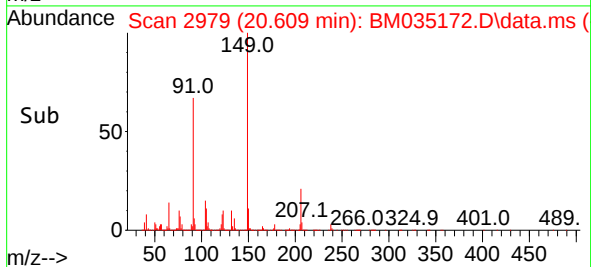
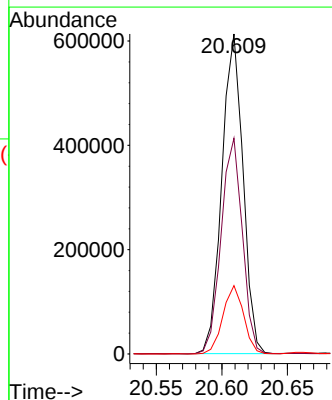
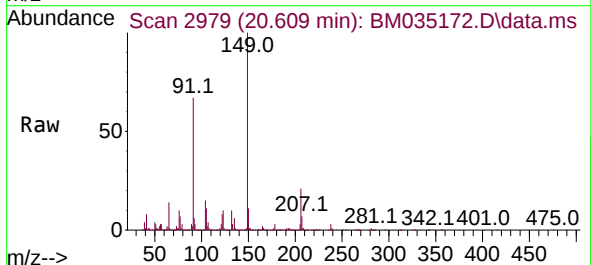
Instrument :
 BNA_M
 ClientSampleId :
 PB144941BS

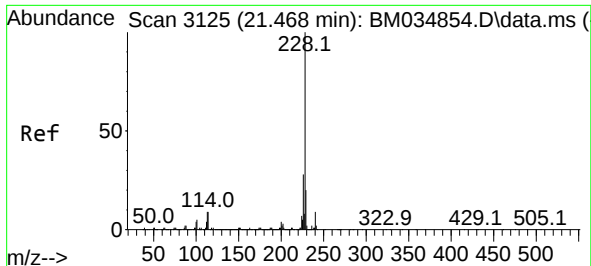
Tgt Ion:244 Resp: 2906606
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.4
 122 8.2 8.3 12.5#



#80
 Butylbenzylphthalate
 Concen: 40.322 ng
 RT: 20.609 min Scan# 2979
 Delta R.T. -0.000 min
 Lab File: BM035172.D
 Acq: 20 May 2022 12:22

Tgt Ion:149 Resp: 686788
 Ion Ratio Lower Upper
 149 100
 91 67.4 56.6 85.0
 206 21.3 15.4 23.0

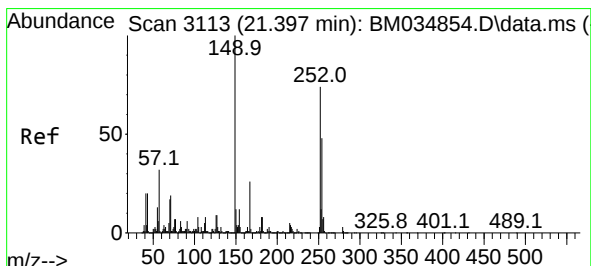
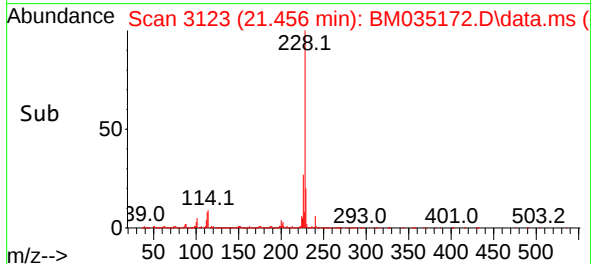
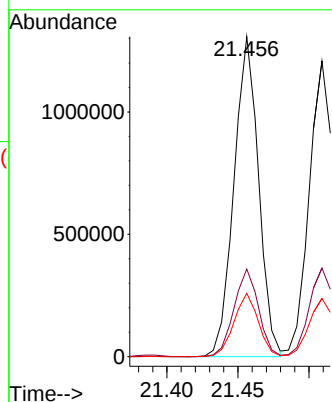
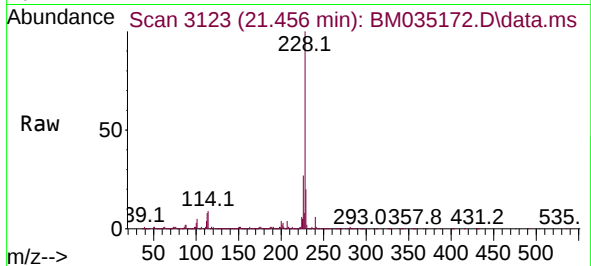




#81
Benzo(a)anthracene
Concen: 40.190 ng
RT: 21.456 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BM035172.D
Acq: 20 May 2022 12:22

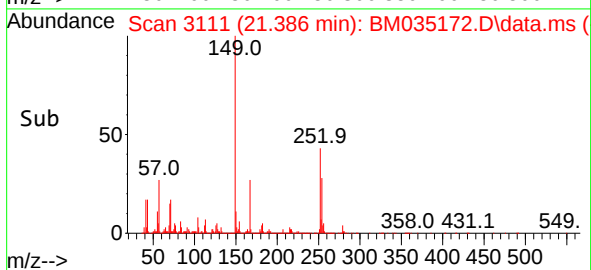
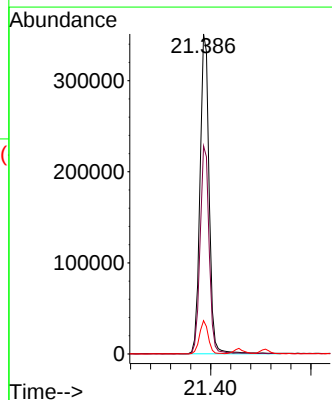
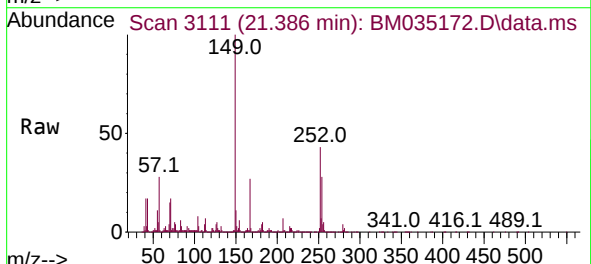
Instrument :
BNA_M
ClientSampleId :
PB144941BS

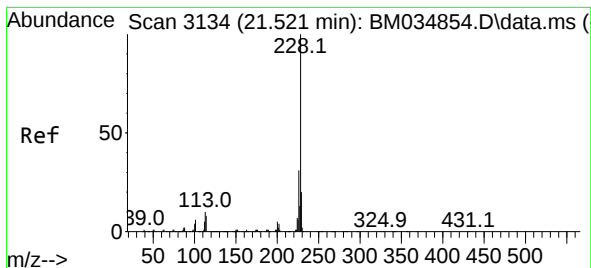
Tgt Ion:228 Resp: 1573627
Ion Ratio Lower Upper
228 100
226 27.4 22.3 33.5
229 19.8 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 38.559 ng
RT: 21.386 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BM035172.D
Acq: 20 May 2022 12:22

Tgt Ion:252 Resp: 440043
Ion Ratio Lower Upper
252 100
254 65.0 51.7 77.5
126 10.4 9.4 14.0





#83

Chrysene

Concen: 39.170 ng

RT: 21.509 min Scan# 3112

Delta R.T. -0.000 min

Lab File: BM035172.D

Acq: 20 May 2022 12:22

Instrument :

BNA_M

ClientSampleId :

PB144941BS

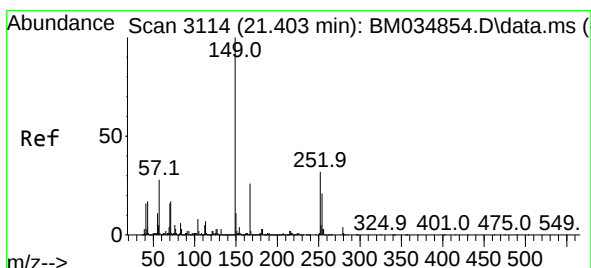
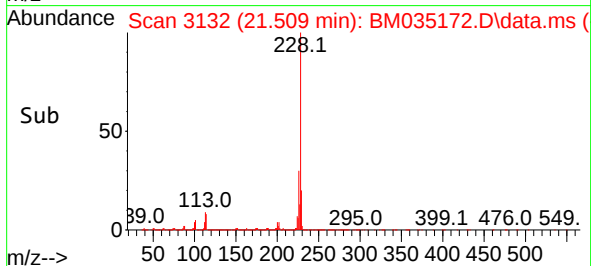
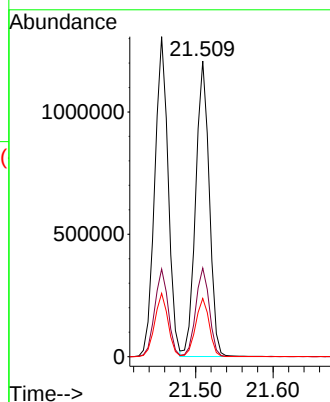
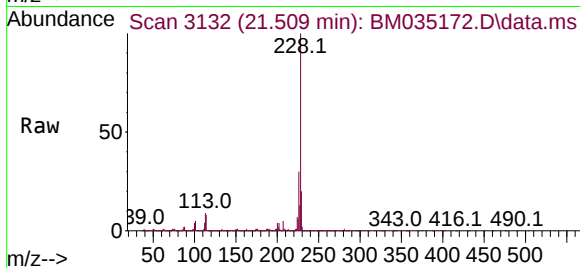
Tgt Ion:228 Resp: 1464927

Ion Ratio Lower Upper

228 100

226 30.0 24.4 36.6

229 19.7 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.447 ng

RT: 21.391 min Scan# 3112

Delta R.T. -0.000 min

Lab File: BM035172.D

Acq: 20 May 2022 12:22

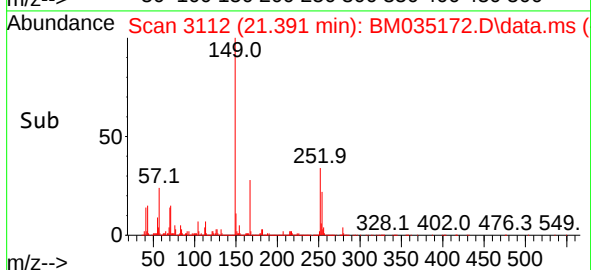
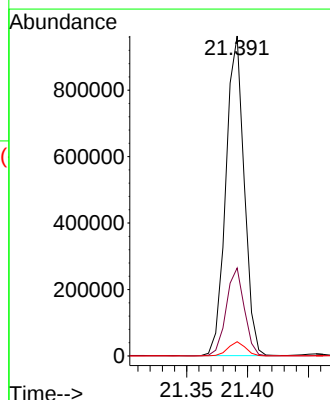
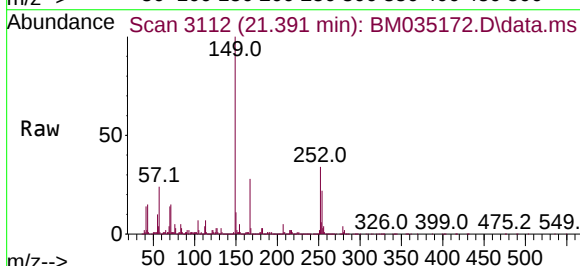
Tgt Ion:149 Resp: 1006993

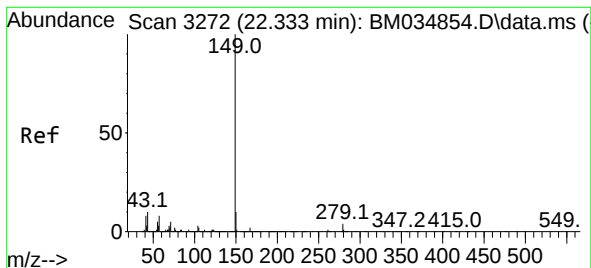
Ion Ratio Lower Upper

149 100

167 27.5 21.1 31.7

279 4.4 2.8 4.2#





#85

Di-n-octyl phthalate

Concen: 38.214 ng

RT: 22.315 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM035172.D

Acq: 20 May 2022 12:22

Instrument :

BNA_M

ClientSampleId :

PB144941BS

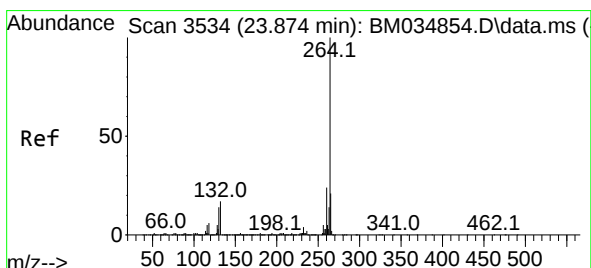
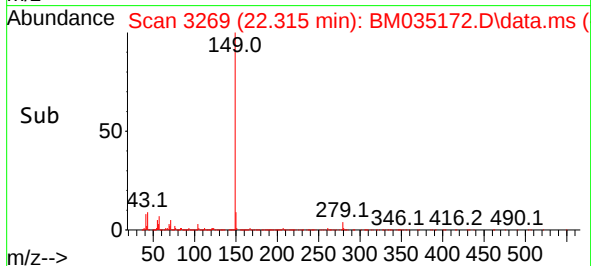
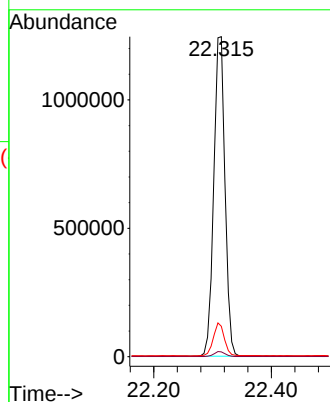
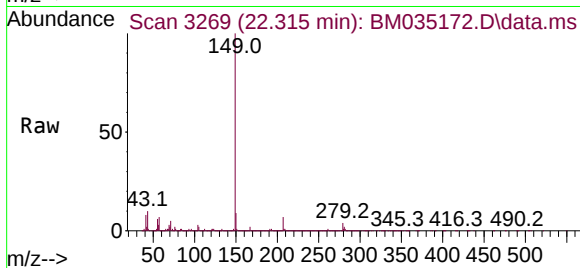
Tgt Ion:149 Resp: 1649992

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 10.0 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.856 min Scan# 3531

Delta R.T. -0.000 min

Lab File: BM035172.D

Acq: 20 May 2022 12:22

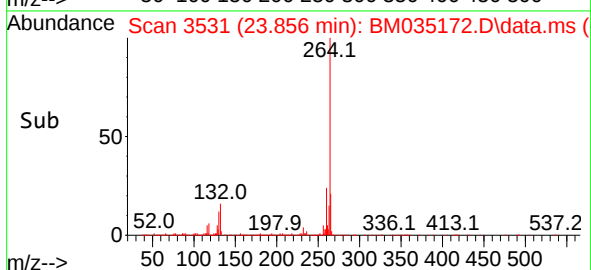
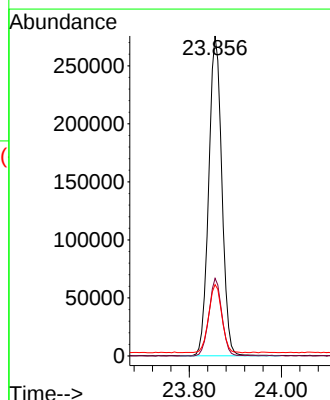
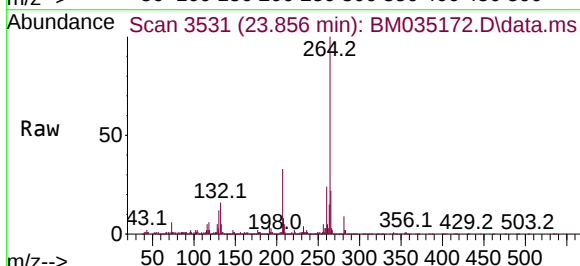
Tgt Ion:264 Resp: 545692

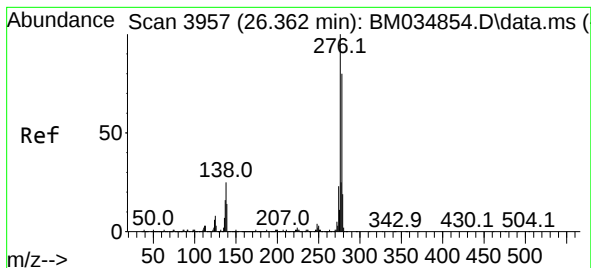
Ion Ratio Lower Upper

264 100

260 24.2 18.9 28.3

265 22.3 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.006 ng

RT: 26.338 min Scan# 3408

Delta R.T. 0.006 min

Lab File: BM035172.D

Acq: 20 May 2022 12:22

Instrument :

BNA_M

ClientSampleId :

PB144941BS

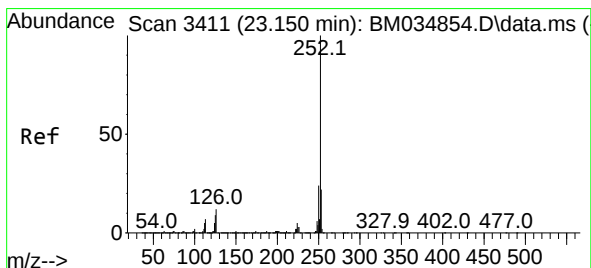
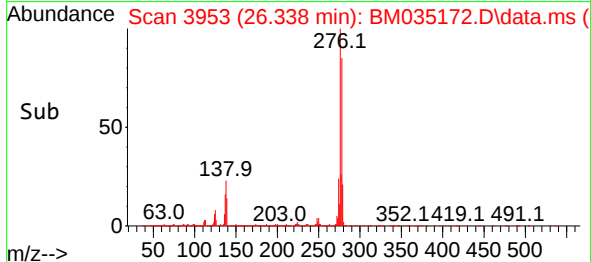
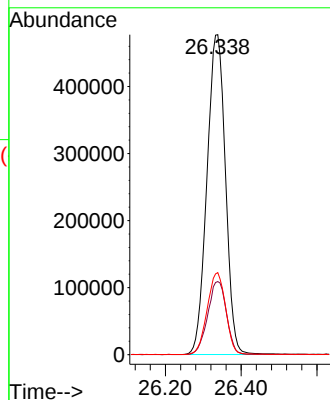
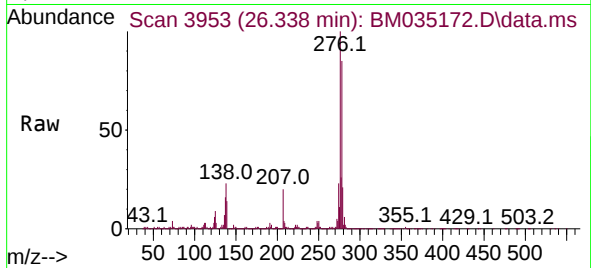
Tgt Ion:276 Resp: 1618281

Ion Ratio Lower Upper

276 100

138 23.1 20.2 30.4

277 25.4 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 42.798 ng

RT: 23.133 min Scan# 3408

Delta R.T. -0.000 min

Lab File: BM035172.D

Acq: 20 May 2022 12:22

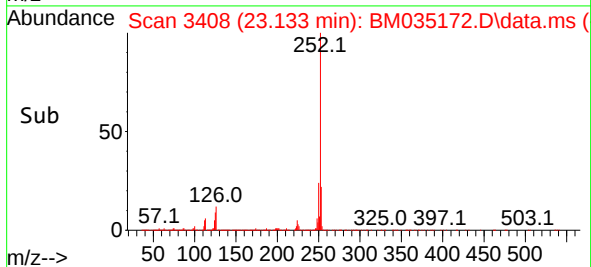
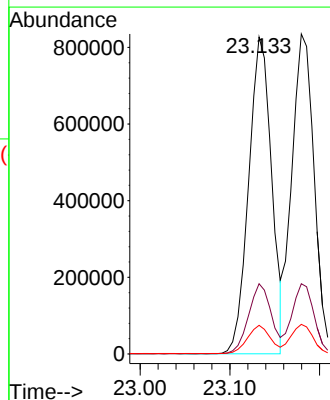
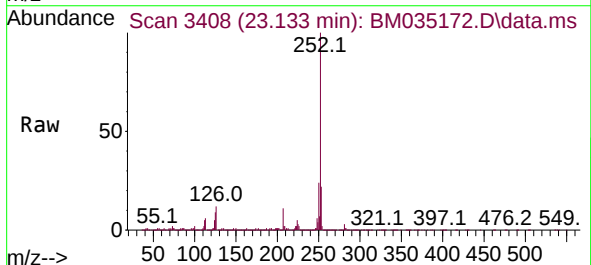
Tgt Ion:252 Resp: 1468889

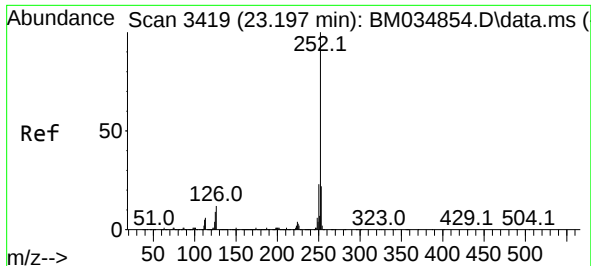
Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 9.0 7.6 11.4

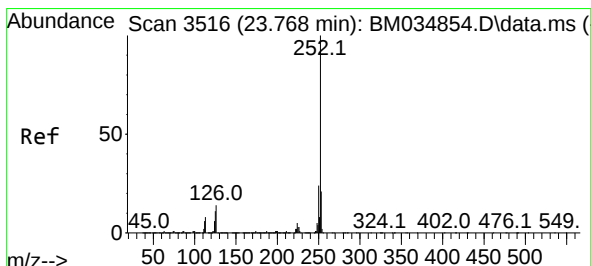
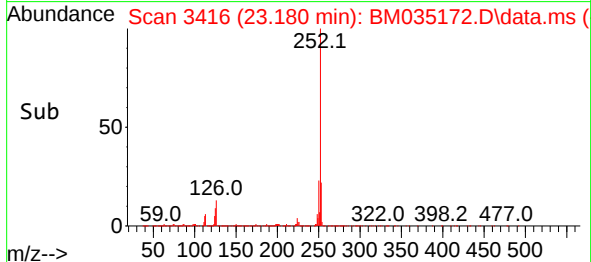
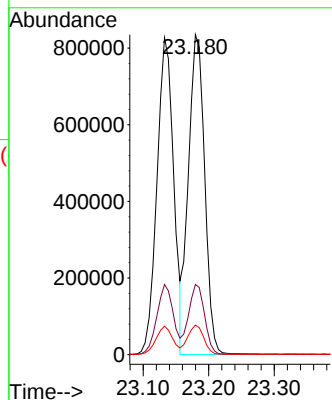
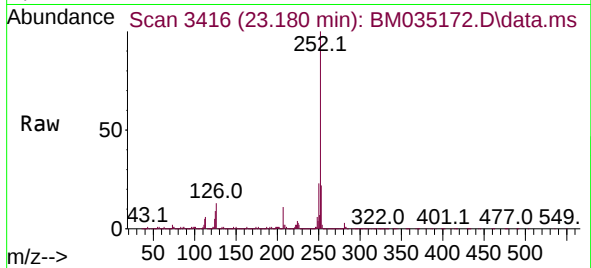




#89
Benzo(k)fluoranthene
Concen: 41.443 ng
RT: 23.180 min Scan# 3419
Delta R.T. -0.000 min
Lab File: BM035172.D
Acq: 20 May 2022 12:22

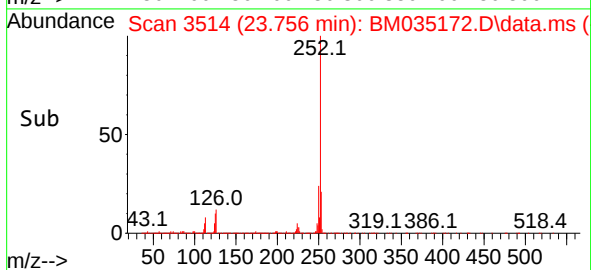
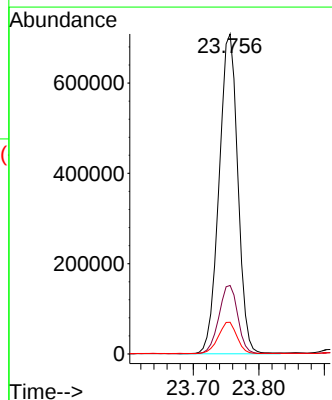
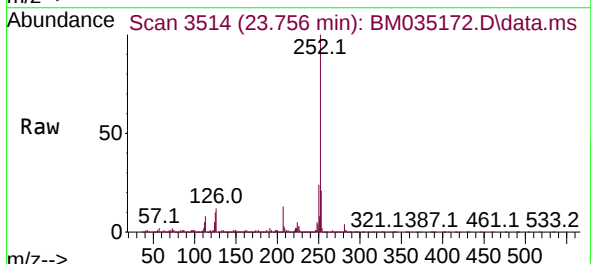
Instrument :
BNA_M
ClientSampleId :
PB144941BS

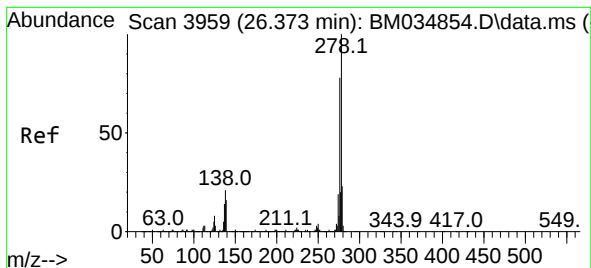
Tgt Ion:252 Resp: 1439863
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 9.3 7.6 11.4



#90
Benzo(a)pyrene
Concen: 49.088 ng
RT: 23.756 min Scan# 3514
Delta R.T. 0.006 min
Lab File: BM035172.D
Acq: 20 May 2022 12:22

Tgt Ion:252 Resp: 1399692
Ion Ratio Lower Upper
252 100
253 21.4 17.2 25.8
125 9.9 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 41.096 ng

RT: 26.350 min Scan# 3955

Delta R.T. -0.000 min

Lab File: BM035172.D

Acq: 20 May 2022 12:22

Instrument :

BNA_M

ClientSampleId :

PB144941BS

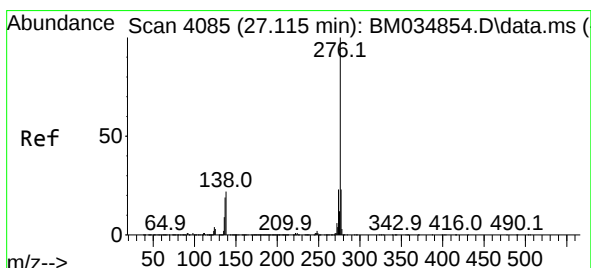
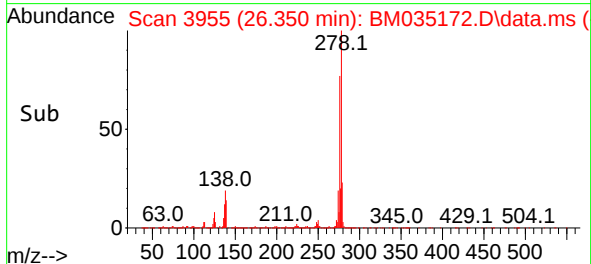
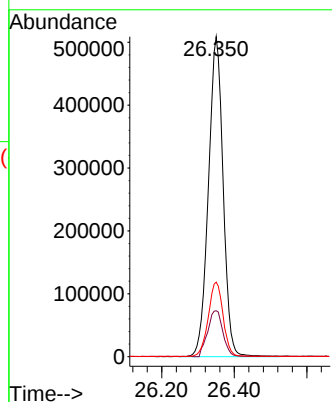
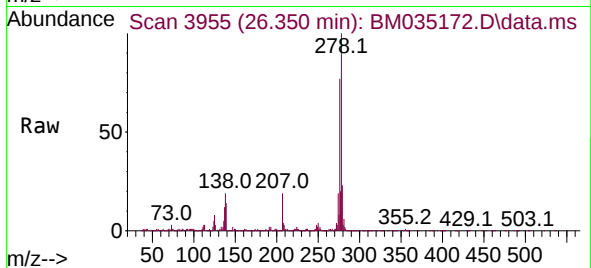
Tgt Ion:278 Resp: 1430212

Ion Ratio Lower Upper

278 100

139 14.4 12.9 19.3

279 23.3 18.7 28.1



#92

Benzo(g,h,i)perylene

Concen: 42.196 ng

RT: 27.091 min Scan# 4081

Delta R.T. -0.000 min

Lab File: BM035172.D

Acq: 20 May 2022 12:22

Tgt Ion:276 Resp: 1411012

Ion Ratio Lower Upper

276 100

277 23.5 18.7 28.1

138 19.2 17.6 26.4

