

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122121\
 Data File : BM033562.D
 Acq On : 21 Dec 2021 20:02
 Operator : CG/JU
 Sample : M5182-07MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HB-2-(20-25)-12-17-21MSD

Quant Time: Dec 22 03:39:35 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM122121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 21 16:25:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.907	152	29619	20.000	ng	0.00
21) Naphthalene-d8	10.719	136	126215	20.000	ng	0.00
39) Acenaphthene-d10	14.560	164	83875	20.000	ng	0.00
64) Phenanthrene-d10	17.307	188	165627	20.000	ng	# 0.00
76) Chrysene-d12	21.483	240	122896	20.000	ng	0.00
86) Perylene-d12	23.877	264	125545	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.478	112	224689	130.573	ng	0.00
7) Phenol-d6	7.084	99	299668	124.388	ng	0.00
23) Nitrobenzene-d5	9.084	82	233515	76.847	ng	0.00
42) 2,4,6-Tribromophenol	16.048	330	111436	107.898	ng	0.00
45) 2-Fluorobiphenyl	13.183	172	457507	76.904	ng	0.00
79) Terphenyl-d14	19.924	244	509042	68.897	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.360	88	28030	39.030	ng	# 94
3) Pyridine	3.772	79	73011	40.251	ng	# 89
4) n-Nitrosodimethylamine	3.678	42	66771	49.299	ng	# 85
6) Aniline	7.242	93	86179	31.340	ng	98
8) 2-Chlorophenol	7.472	128	99554	52.496	ng	98
9) Benzaldehyde	7.054	77	75727	55.064	ng	98
10) Phenol	7.107	94	133431	55.792	ng	85
11) bis(2-Chloroethyl)ether	7.337	93	91763	50.323	ng	99
12) 1,3-Dichlorobenzene	7.795	146	109768	49.065	ng	96
13) 1,4-Dichlorobenzene	7.942	146	113530	49.919	ng	97
14) 1,2-Dichlorobenzene	8.260	146	108383	48.440	ng	99
15) Benzyl Alcohol	8.160	79	114433	50.427	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.442	45	160705	49.861	ng	98
17) 2-Methylphenol	8.366	107	92197	53.021	ng	94
18) Hexachloroethane	8.989	117	47795	51.379	ng	97
19) n-Nitroso-di-n-propyla...	8.725	70	92551	49.319	ng	92
20) 3+4-Methylphenols	8.695	107	121211	50.843	ng	92
22) Acetophenone	8.742	105	169746	49.095	ng	# 90
24) Nitrobenzene	9.125	77	144845	49.873	ng	98
25) Isophorone	9.654	82	237380	49.566	ng	98
26) 2-Nitrophenol	9.831	139	57020	51.397	ng	# 90
27) 2,4-Dimethylphenol	9.895	122	98281	57.380	ng	94
28) bis(2-Chloroethoxy)met...	10.136	93	130260	48.537	ng	97
29) 2,4-Dichlorophenol	10.372	162	103905	52.044	ng	99
30) 1,2,4-Trichlorobenzene	10.578	180	113024	48.042	ng	97
31) Naphthalene	10.766	128	326834	48.242	ng	99
32) Benzoic acid	10.066	122	65917	47.244	ng	96
33) 4-Chloroaniline	10.895	127	24650	9.574	ng	95
34) Hexachlorobutadiene	11.048	225	75994	46.969	ng	98
35) Caprolactam	11.695	113	30651	73.361	ng	97
36) 4-Chloro-3-methylphenol	12.019	107	122049	47.495	ng	100
37) 2-Methylnaphthalene	12.383	142	244235	50.321	ng	95
38) 1-Methylnaphthalene	12.601	142	224993	46.387	ng	98
40) 1,2,4,5-Tetrachloroben...	12.748	216	130444	54.127	ng	# 97
41) Hexachlorocyclopentadiene	12.719	237	174336	130.154	ng	98
43) 2,4,6-Trichlorophenol	12.995	196	86300	50.882	ng	93

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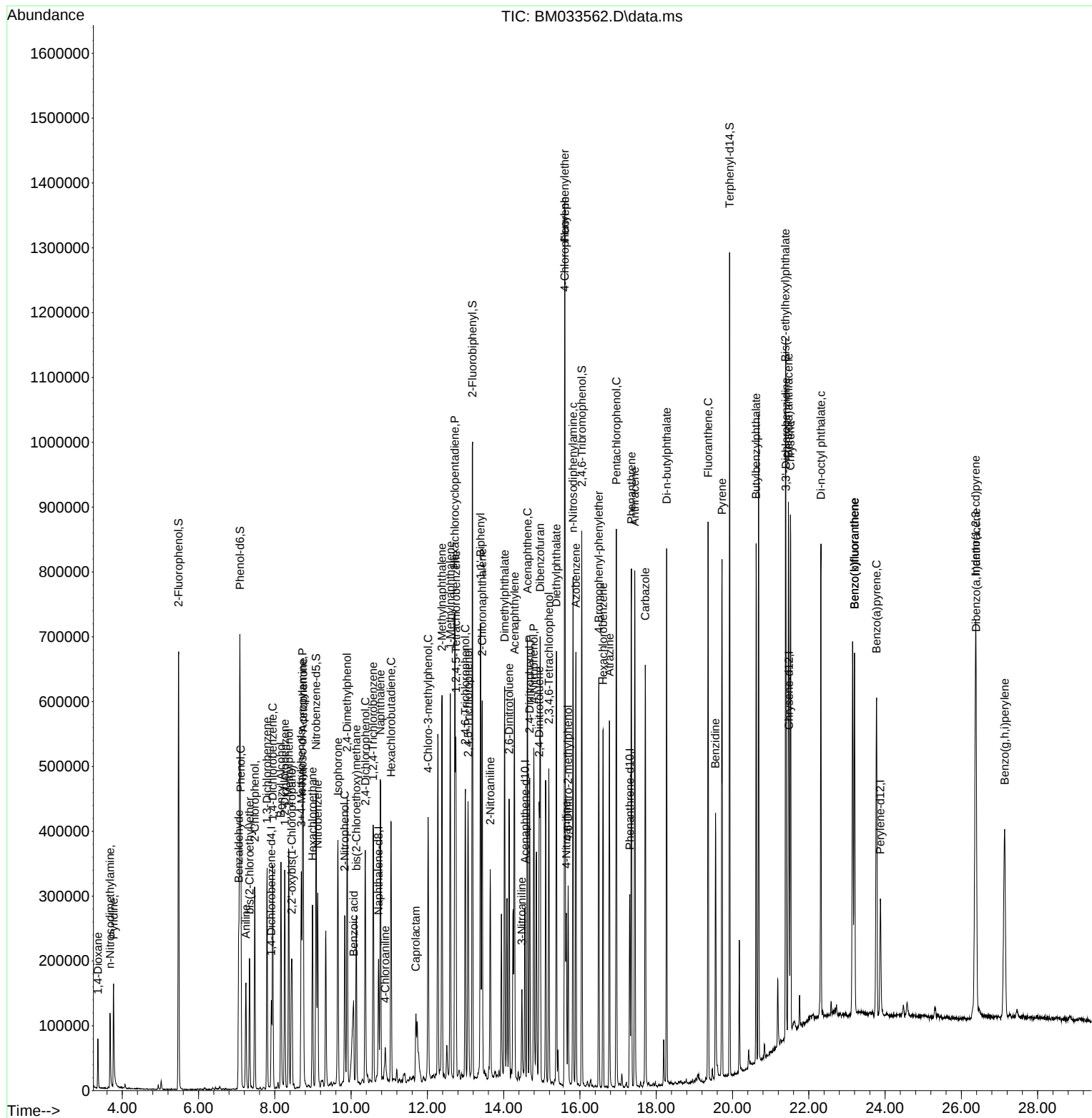
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.066	196	90132	50.057	ng	96
46) 1,1'-Biphenyl	13.395	154	322592	52.413	ng	98
47) 2-Chloronaphthalene	13.436	162	243390	50.974	ng	99
48) 2-Nitroaniline	13.648	65	91981	50.427	ng	92
49) Acenaphthylene	14.283	152	387926	50.727	ng	99
50) Dimethylphthalate	14.024	163	306045	47.334	ng	98
51) 2,6-Dinitrotoluene	14.142	165	63547	49.235	ng	# 77
52) Acenaphthene	14.624	154	230471	50.166	ng	99
53) 3-Nitroaniline	14.477	138	27257	21.505	ng	95
54) 2,4-Dinitrophenol	14.683	184	73766	91.833	ng	# 84
55) Dibenzofuran	14.954	168	377328	47.964	ng	94
56) 4-Nitrophenol	14.789	139	96474	98.597	ng	# 76
57) 2,4-Dinitrotoluene	14.930	165	89399	49.623	ng	91
58) Fluorene	15.607	166	298428	47.058	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.183	232	76814	46.475	ng	# 95
60) Diethylphthalate	15.383	149	325370	46.640	ng	99
61) 4-Chlorophenyl-phenyle...	15.601	204	154907	46.338	ng	93
62) 4-Nitroaniline	15.642	138	55437	42.447	ng	# 74
63) Azobenzene	15.895	77	356612	46.322	ng	93
65) 4,6-Dinitro-2-methylph...	15.689	198	46355	41.936	ng	97
66) n-Nitrosodiphenylamine	15.818	169	255408	51.992	ng	99
67) 4-Bromophenyl-phenylether	16.495	248	88443	49.477	ng	# 91
68) Hexachlorobenzene	16.607	284	97663	50.647	ng	97
69) Atrazine	16.771	200	88395	80.113	ng	99
70) Pentachlorophenol	16.954	266	120320	102.198	ng	98
71) Phenanthrene	17.348	178	447948	49.022	ng	99
72) Anthracene	17.436	178	453458	50.452	ng	98
73) Carbazole	17.712	167	384893	44.634	ng	99
74) Di-n-butylphthalate	18.271	149	516598	48.406	ng	99
75) Fluoranthene	19.359	202	472121	45.171	ng	98
77) Benzidine	19.553	184	222430	164.041	ng	99
78) Pyrene	19.724	202	471806	51.683	ng	99
80) Butylbenzylphthalate	20.618	149	200461	50.343	ng	96
81) Benzo(a)anthracene	21.465	228	398263	47.567	ng	98
82) 3,3'-Dichlorobenzidine	21.400	252	104018	27.660	ng	96
83) Chrysene	21.518	228	385185	47.970	ng	99
84) Bis(2-ethylhexyl)phtha...	21.389	149	277170	50.462	ng	100
85) Di-n-octyl phthalate	22.318	149	455286	50.691	ng	100
87) Indeno(1,2,3-cd)pyrene	26.377	276	458132	51.524	ng	# 94
88) Benzo(b)fluoranthene	23.200	252	392686	48.833	ng	99
89) Benzo(k)fluoranthene	23.200	252	392686	48.998	ng	# 97
90) Benzo(a)pyrene	23.777	252	393762	58.164	ng	98
91) Dibenzo(a,h)anthracene	26.388	278	393882	52.472	ng	96
92) Benzo(g,h,i)perylene	27.135	276	391982	53.025	ng	# 95

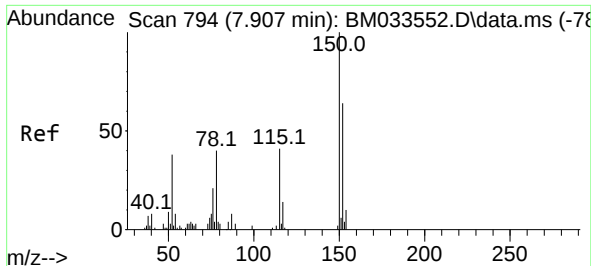
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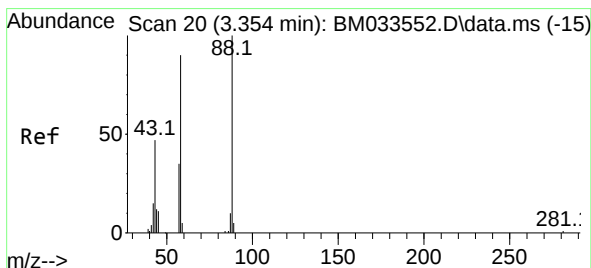
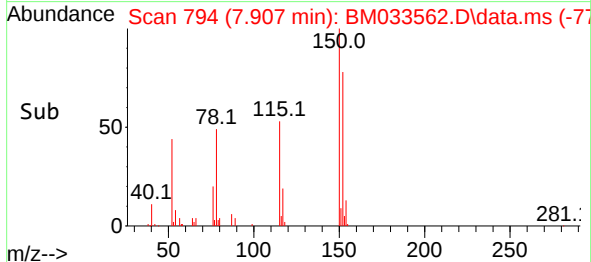
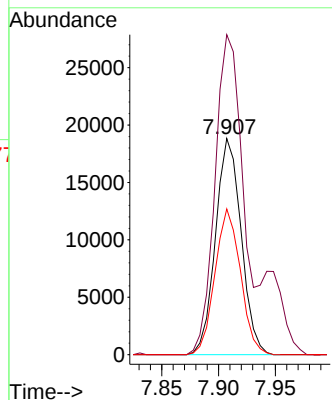
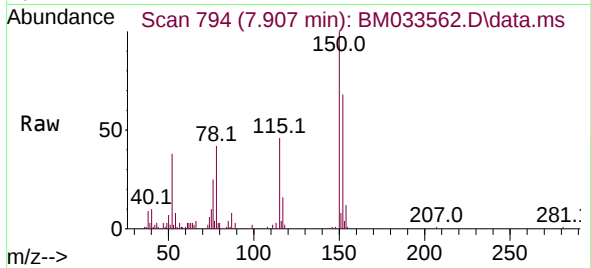




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.907 min Scan# 794
Delta R.T. 0.000 min
Lab File: BM033562.D
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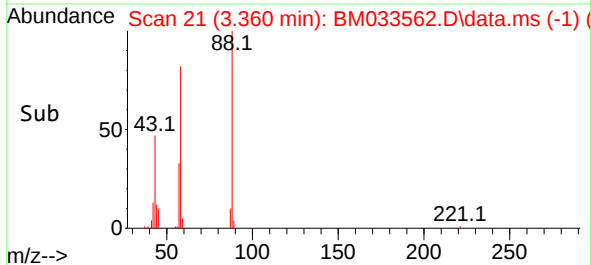
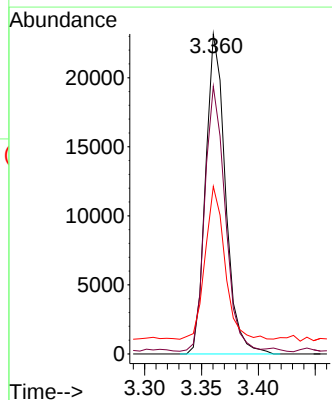
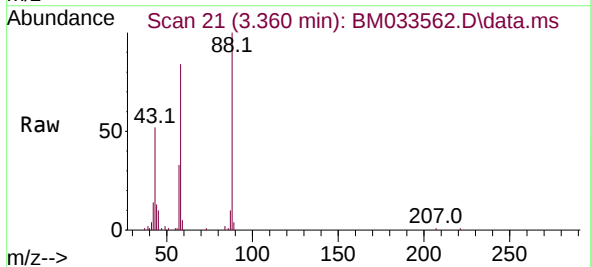
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BNA_M
ClientSampleId :
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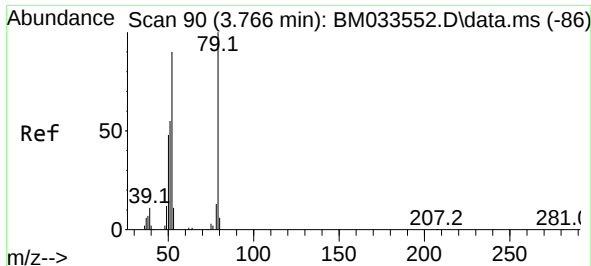
Tgt Ion:152 Resp: 29619
Ion Ratio Lower Upper
152 100
150 148.0 128.9 193.3
115 67.4 53.0 79.6



#2
1,4-Dioxane
Concen: 39.030 ng
RT: 3.360 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM033562.D
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Tgt Ion: 88 Resp: 28030
Ion Ratio Lower Upper
88 100
58 86.1 67.0 100.4
43 47.7 31.6 47.4#

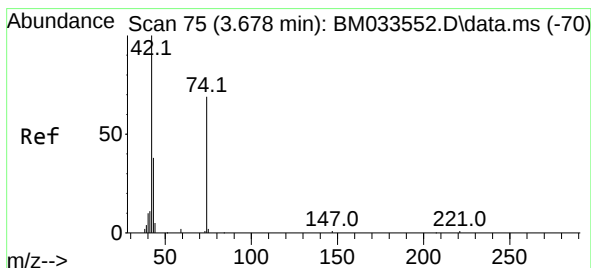
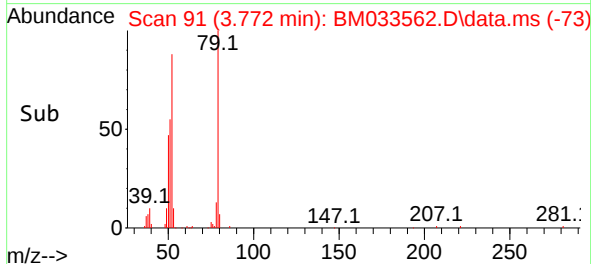
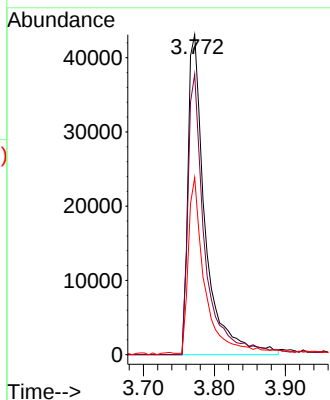
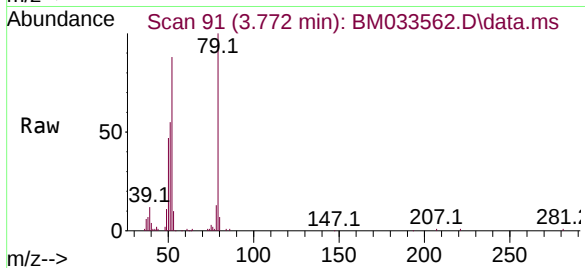




#3
 Pyridine
 Concen: 40.251 ng
 RT: 3.772 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: BM033562.D
 Acq: 21 Dec 2021 20:02

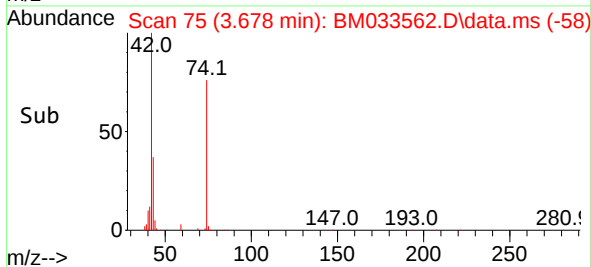
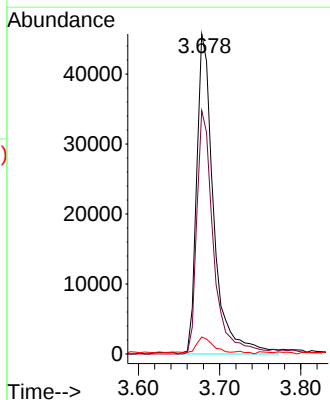
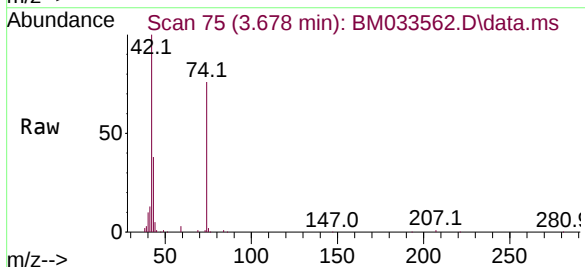
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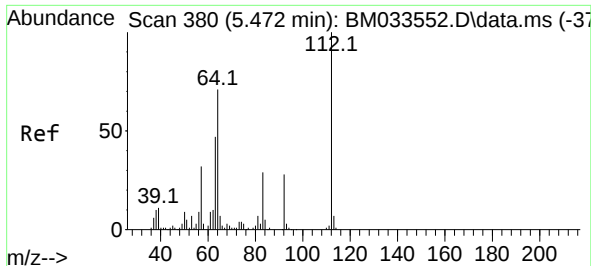
Tgt Ion: 79 Resp: 73011
 Ion Ratio Lower Upper
 79 100
 52 87.7 65.4 98.2
 51 55.3 34.8 52.2#



#4
 n-Nitrosodimethylamine
 Concen: 49.299 ng
 RT: 3.678 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: BM033562.D
 Acq: 21 Dec 2021 20:02

Tgt Ion: 42 Resp: 66771
 Ion Ratio Lower Upper
 42 100
 74 76.0 72.5 108.7
 44 5.3 5.4 8.2#

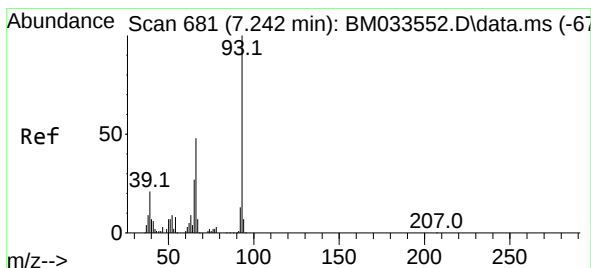
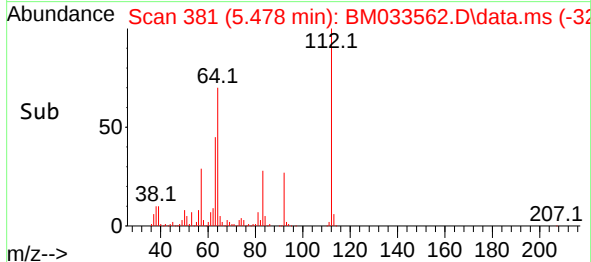
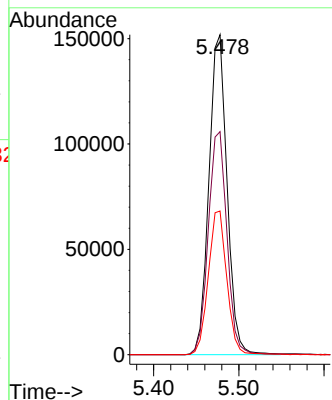
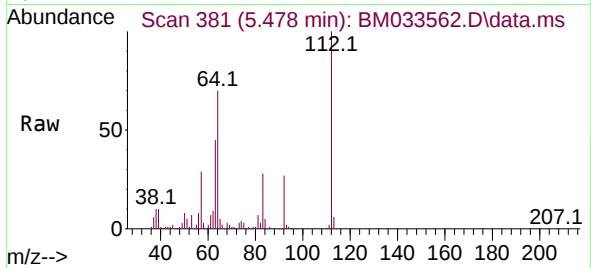




#5
2-Fluorophenol
Concen: 130.573 ng
RT: 5.478 min Scan# 380
Delta R.T. 0.006 min
Lab File: BM033562.D
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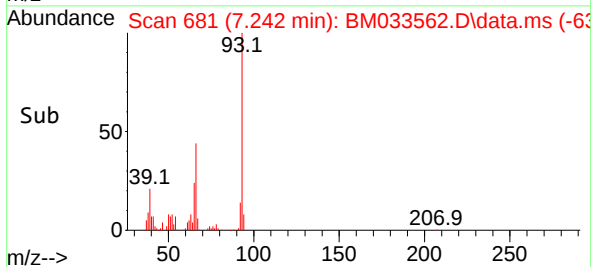
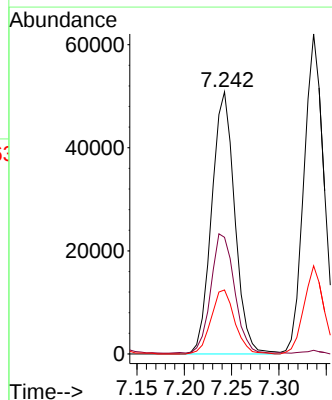
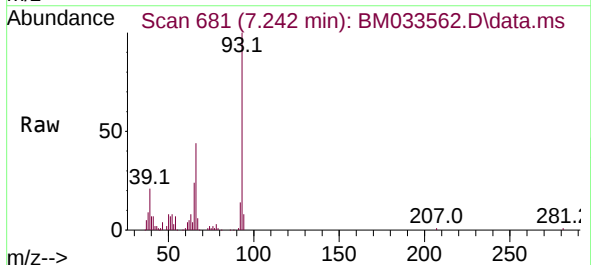
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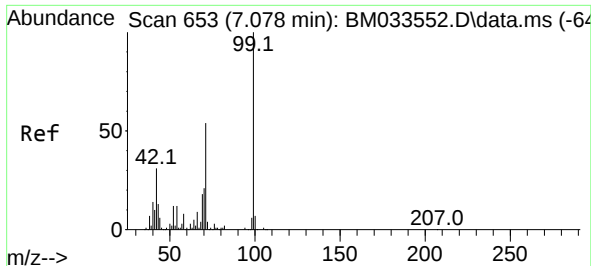
Tgt Ion:112 Resp: 224689
Ion Ratio Lower Upper
112 100
64 69.7 55.5 83.3
63 44.9 31.3 46.9



#6
Aniline
Concen: 31.340 ng
RT: 7.242 min Scan# 681
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

Tgt Ion: 93 Resp: 86179
Ion Ratio Lower Upper
93 100
66 44.5 36.0 54.0
65 24.4 18.2 27.4

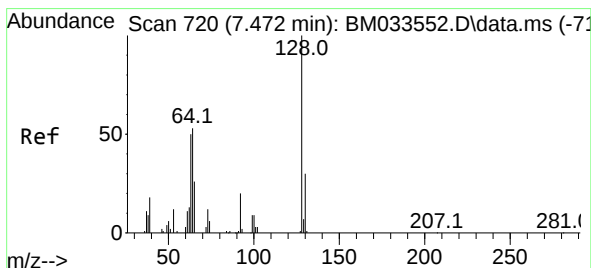
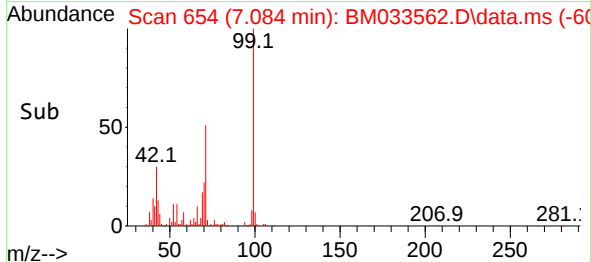
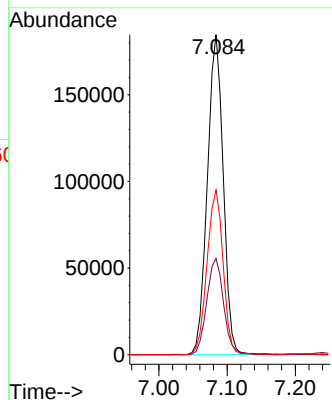
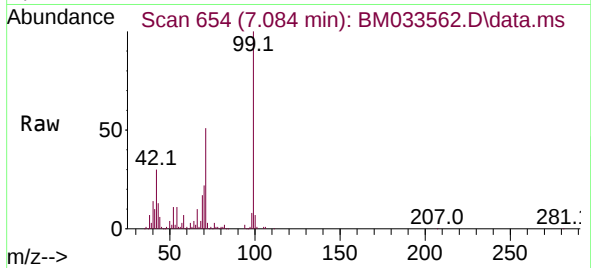




#7
Phenol-d6
Concen: 124.388 ng
RT: 7.084 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

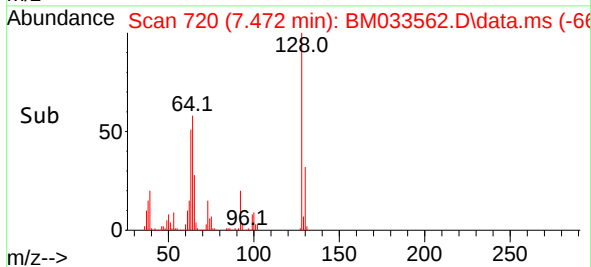
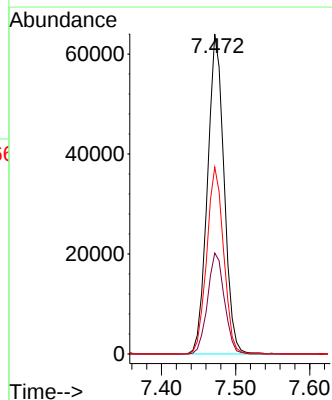
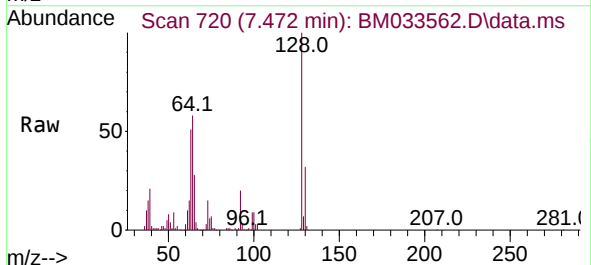
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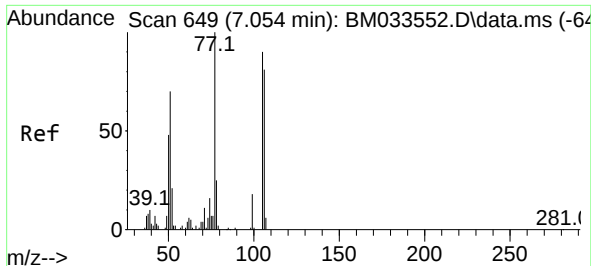
Tgt Ion: 99 Resp: 299668
Ion Ratio Lower Upper
99 100
42 30.1 20.3 30.5
71 51.5 34.5 51.7



#8
2-Chlorophenol
Concen: 52.496 ng
RT: 7.472 min Scan# 720
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

Tgt Ion:128 Resp: 99554
Ion Ratio Lower Upper
128 100
130 31.5 10.9 50.9
64 58.4 40.6 80.6

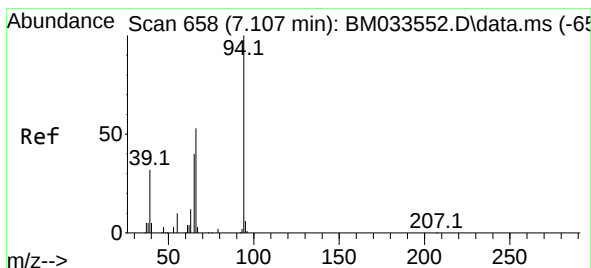
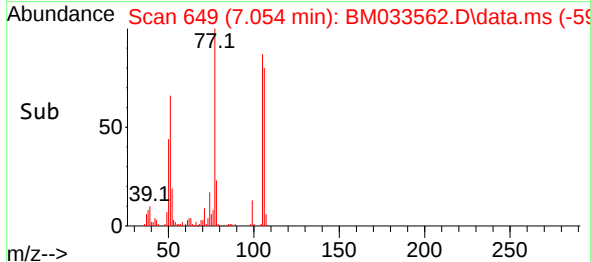
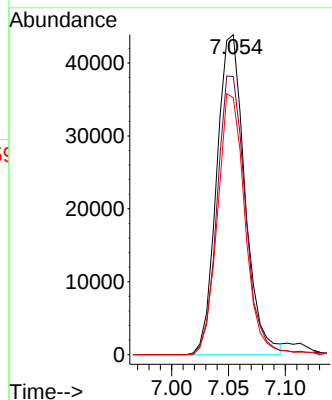
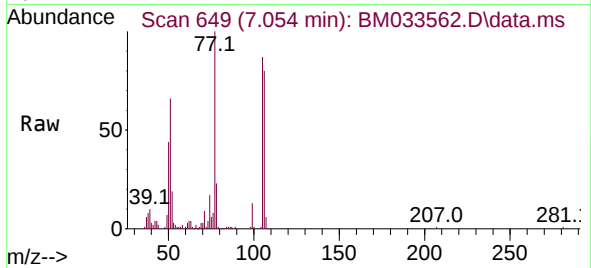




#9
Benzaldehyde
Concen: 55.064 ng
RT: 7.054 min Scan# 649
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

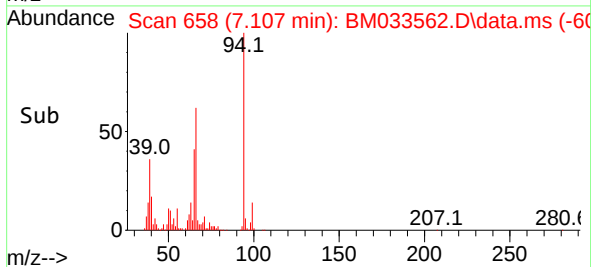
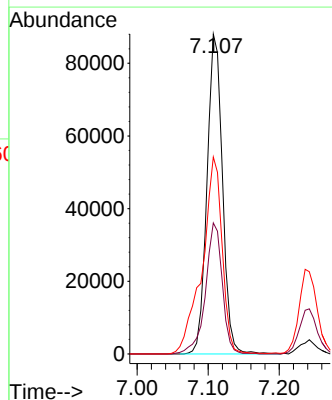
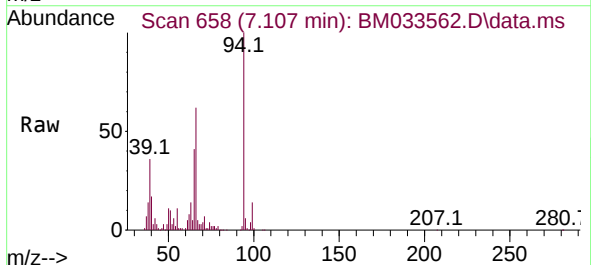
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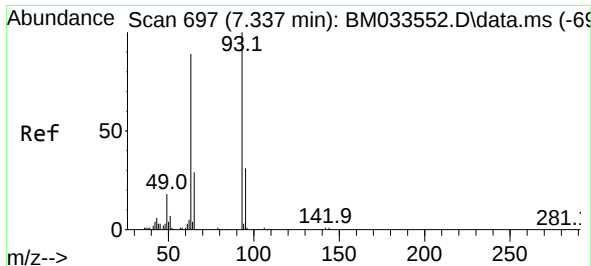
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Ion Ratio Lower Upper
77 100
105 86.9 67.1 107.1
106 80.3 64.3 104.3



#10
Phenol
Concen: 55.792 ng
RT: 7.107 min Scan# 658
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

Tgt Ion: 94 Resp: 133431
Ion Ratio Lower Upper
94 100
65 40.9 15.5 55.5
66 61.5 28.5 68.5

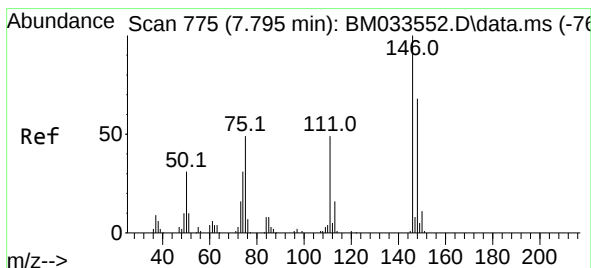
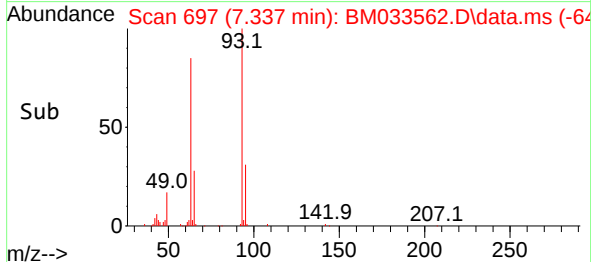
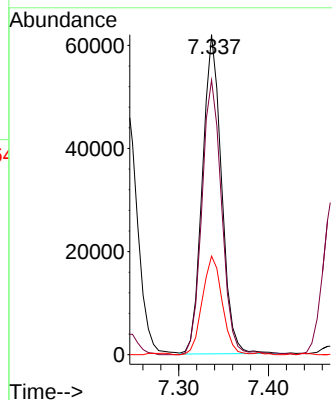
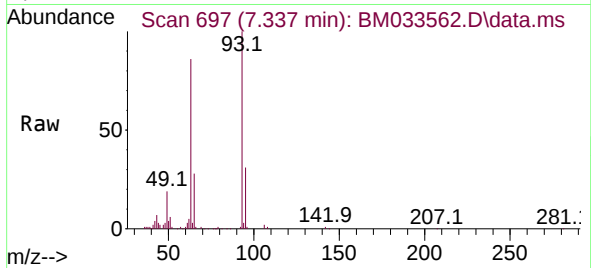




#11
bis(2-Chloroethyl)ether
Concen: 50.323 ng
RT: 7.337 min Scan# 697
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

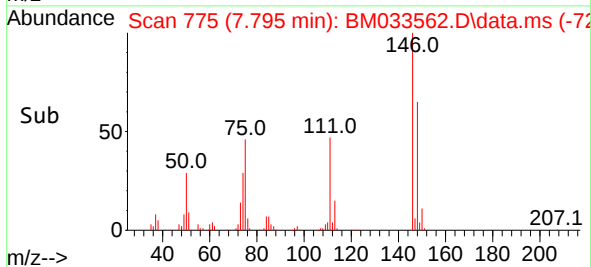
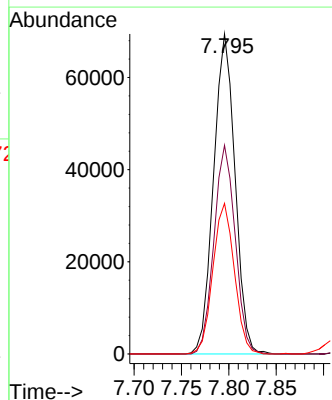
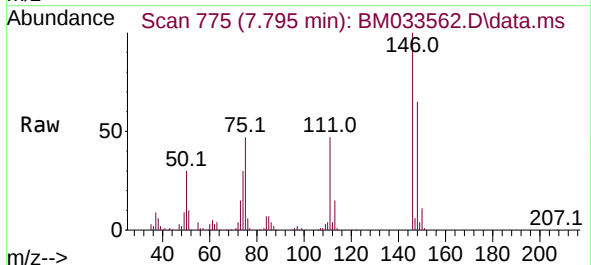
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

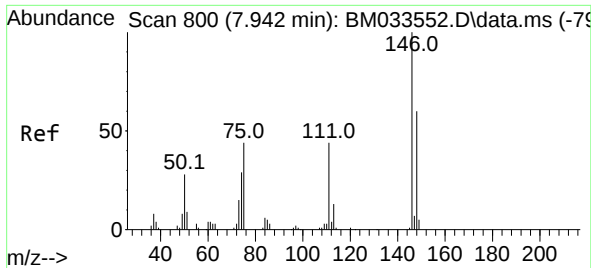
Tgt Ion: 93	Resp:	91763
Ion Ratio	Lower	Upper
93	100	
63	85.8	67.0 107.0
95	30.8	11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 49.065 ng
RT: 7.795 min Scan# 775
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

Tgt Ion: 146	Resp:	109768
Ion Ratio	Lower	Upper
146	100	
148	65.2	52.1 78.1
75	47.1	32.0 48.0

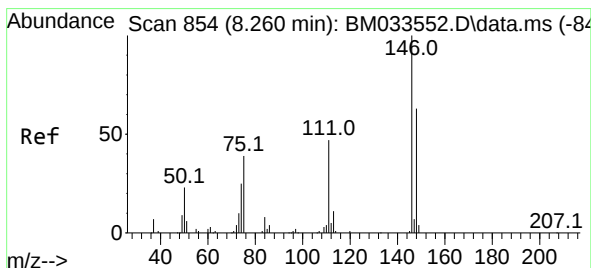
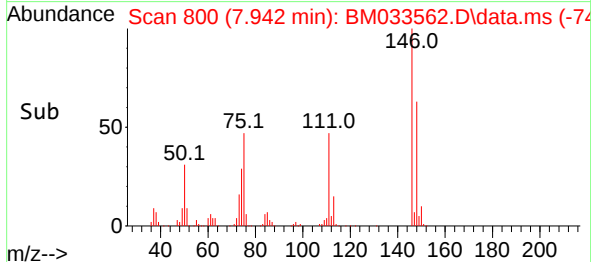
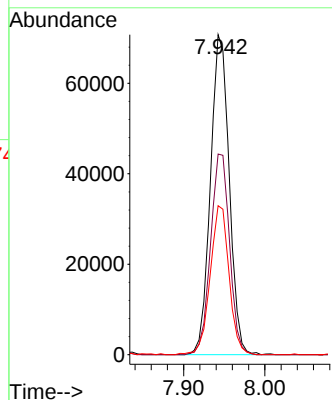
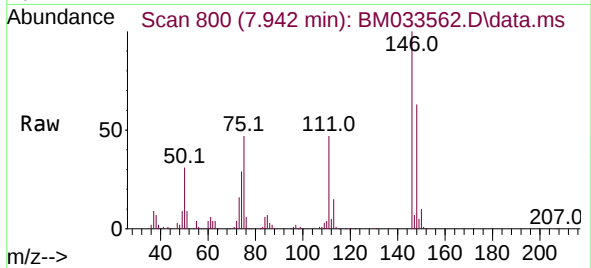




#13
1,4-Dichlorobenzene
Concen: 49.919 ng
RT: 7.942 min Scan# 800
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

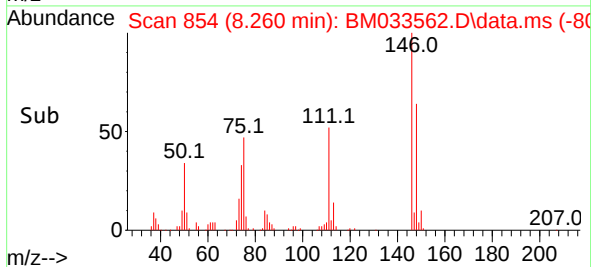
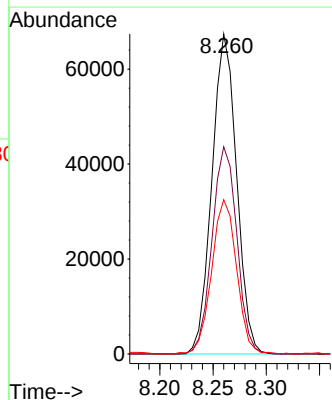
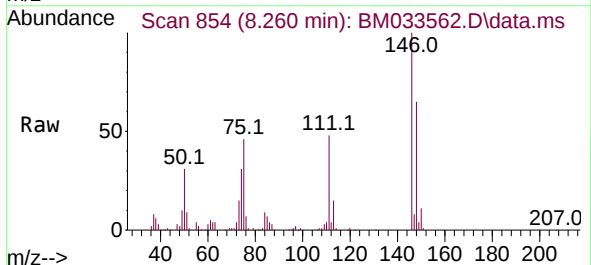
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BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

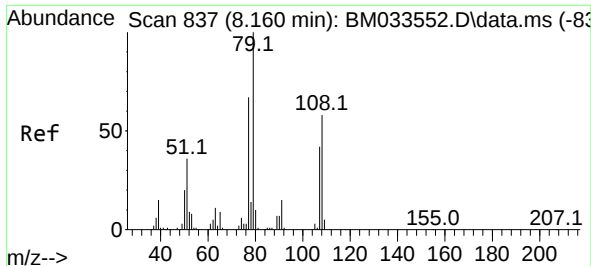
Tgt Ion:146 Resp: 113530
Ion Ratio Lower Upper
146 100
148 62.7 53.4 80.0
111 46.5 36.6 55.0



#14
1,2-Dichlorobenzene
Concen: 48.440 ng
RT: 8.260 min Scan# 854
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

Tgt Ion:146 Resp: 108383
Ion Ratio Lower Upper
146 100
148 64.8 50.9 76.3
111 48.2 37.8 56.8

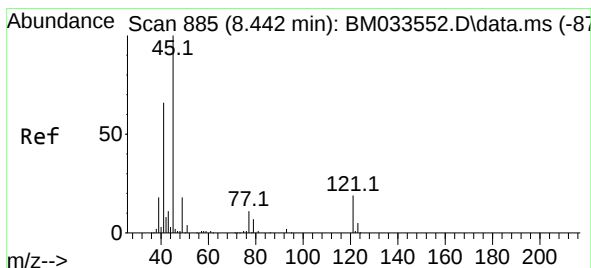
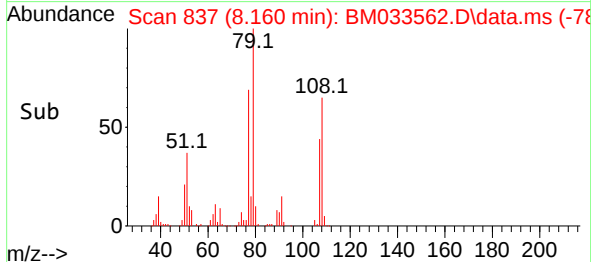
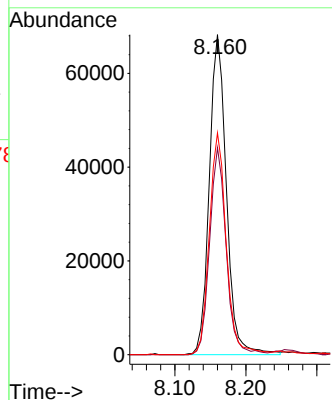
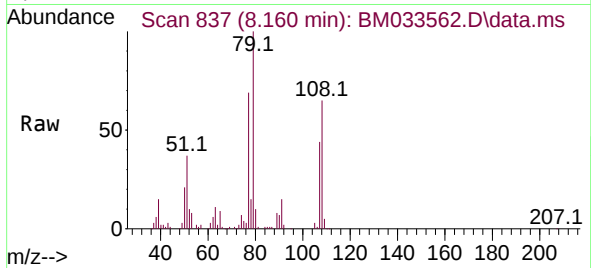




#15
Benzyl Alcohol
Concen: 50.427 ng
RT: 8.160 min Scan# 811
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

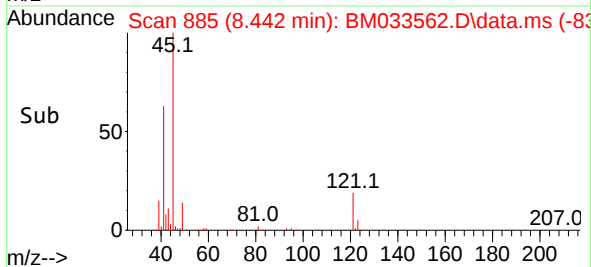
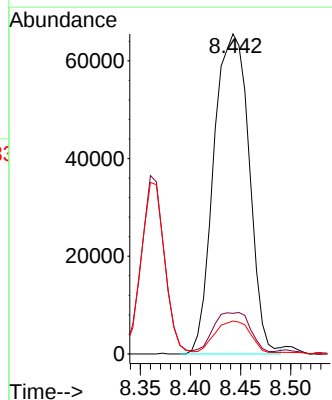
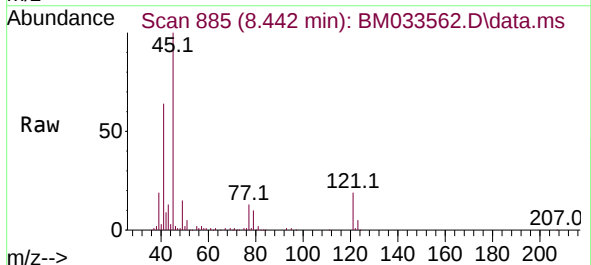
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

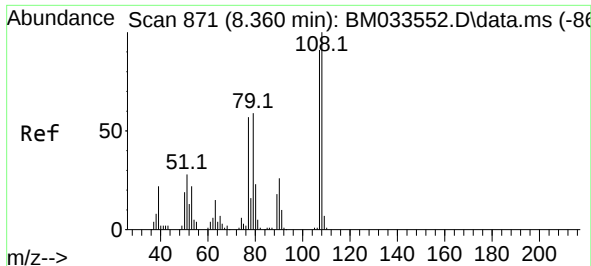
Tgt Ion: 79 Resp: 114433
Ion Ratio Lower Upper
79 100
108 64.7 51.1 76.7
77 69.3 53.8 80.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.861 ng
RT: 8.442 min Scan# 885
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

Tgt Ion: 45 Resp: 160705
Ion Ratio Lower Upper
45 100
77 12.7 0.0 33.7
79 10.3 0.0 30.0

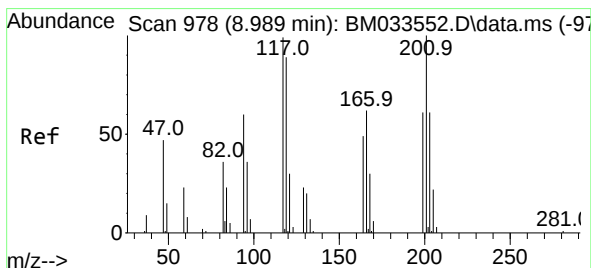
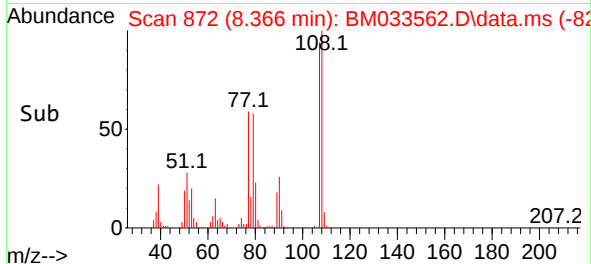
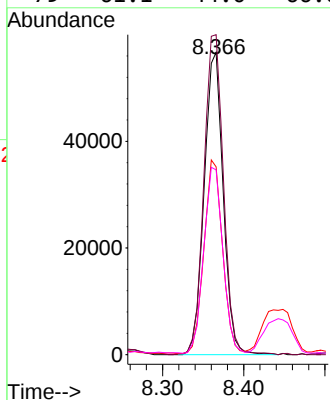
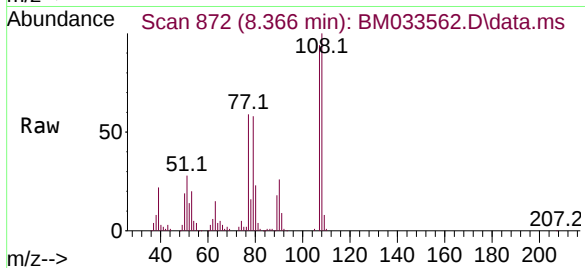




#17
2-Methylphenol
Concen: 53.021 ng
RT: 8.366 min Scan# 871
Delta R.T. 0.006 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

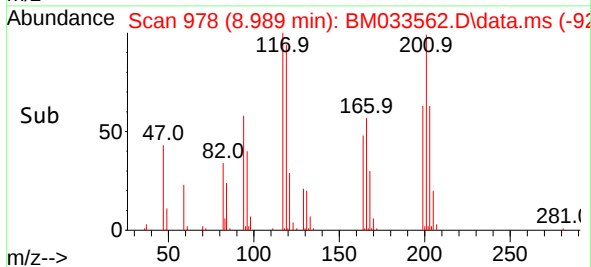
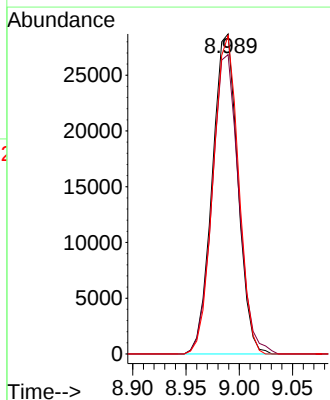
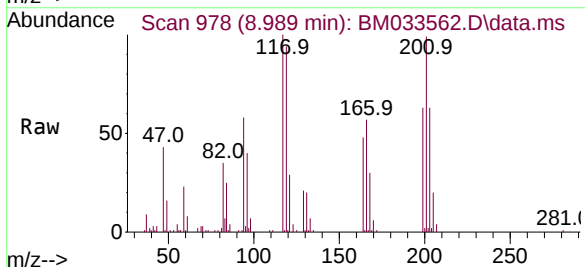
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

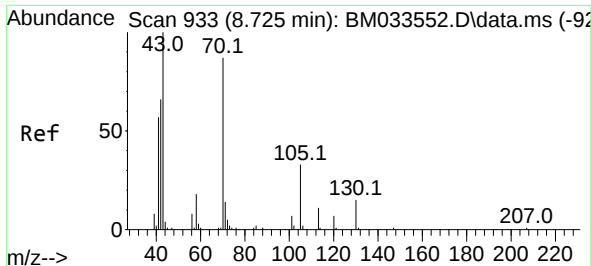
Tgt Ion:	107	Resp:	92197
Ion	Ratio	Lower	Upper
107	100		
108	105.8	89.2	133.8
77	62.1	46.0	69.0
79	61.1	44.0	66.0



#18
Hexachloroethane
Concen: 51.379 ng
RT: 8.989 min Scan# 978
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

Tgt Ion:	117	Resp:	47795
Ion	Ratio	Lower	Upper
117	100		
119	93.6	75.0	112.6
201	99.5	75.2	112.8

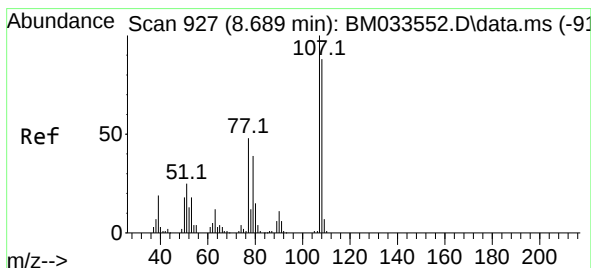
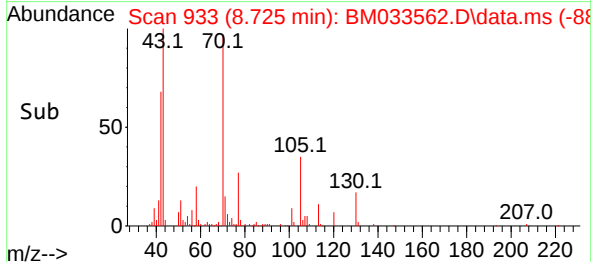
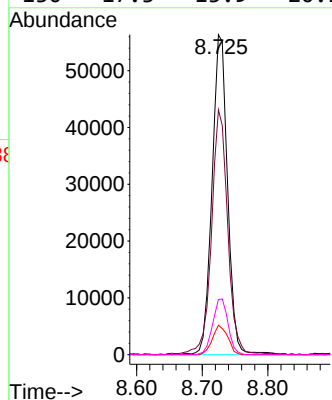
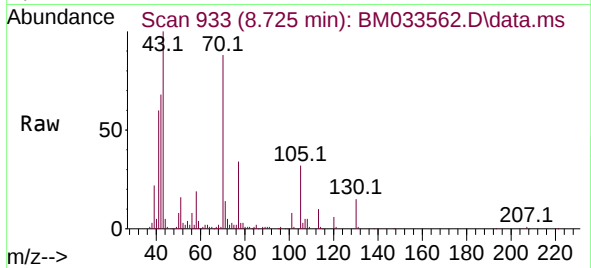




#19
n-Nitroso-di-n-propylamine
Concen: 49.319 ng
RT: 8.725 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

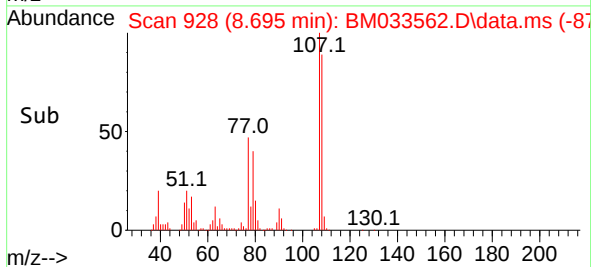
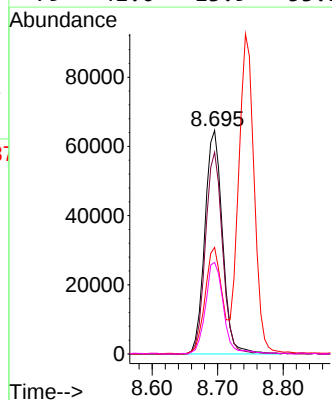
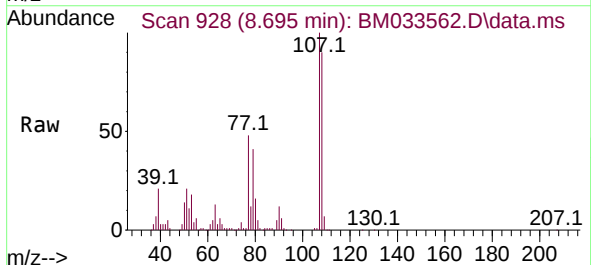
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

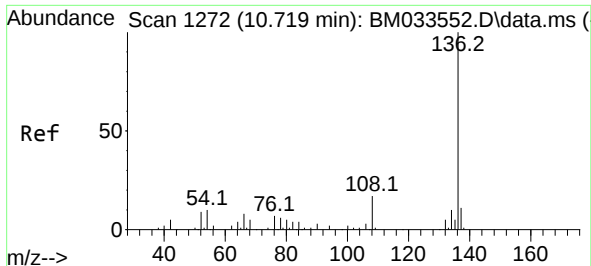
Tgt Ion:	70	Resp:	92551
Ion	Ratio	Lower	Upper
70	100		
42	76.5	54.1	81.1
101	9.2	7.8	11.6
130	17.3	13.9	20.9



#20
3+4-Methylphenols
Concen: 50.843 ng
RT: 8.695 min Scan# 928
Delta R.T. 0.006 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

Tgt Ion:	107	Resp:	121211
Ion	Ratio	Lower	Upper
107	100		
108	90.3	64.2	104.2
77	47.7	22.7	62.7
79	41.0	13.9	53.9

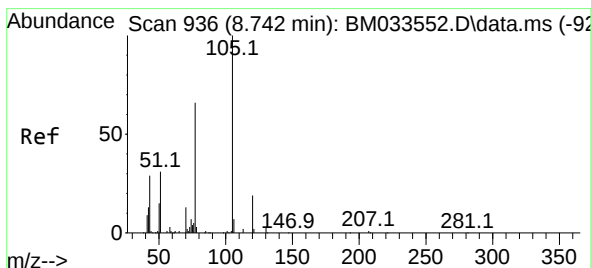
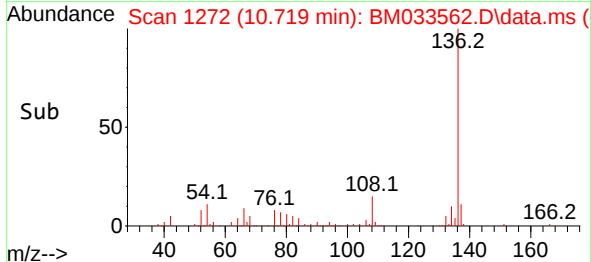
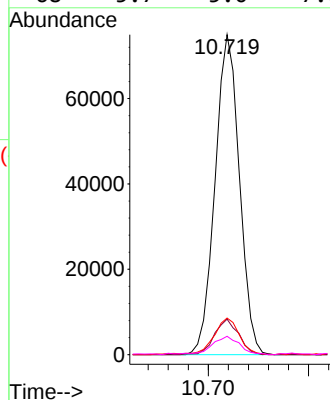
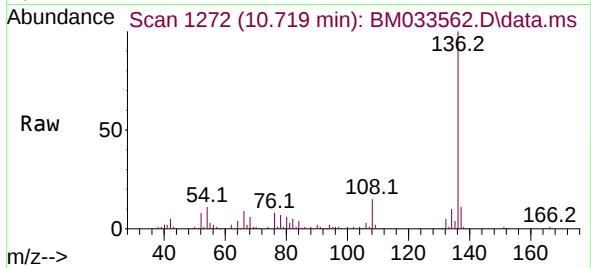




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.719 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

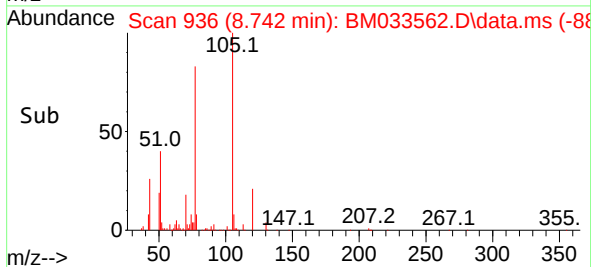
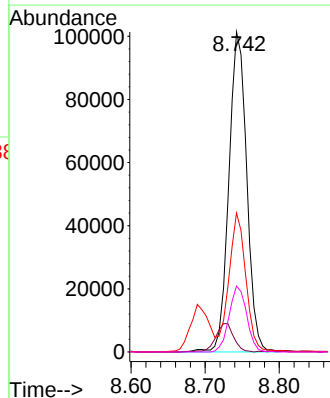
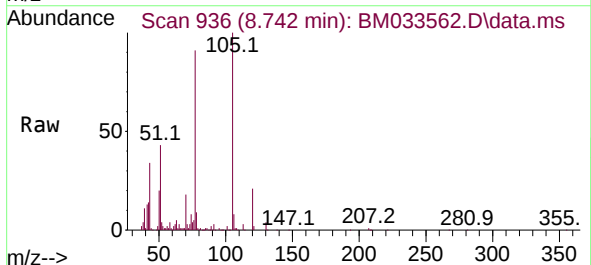
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ClientSampleId :
HB-2-(20-25)-12-17-21MSD

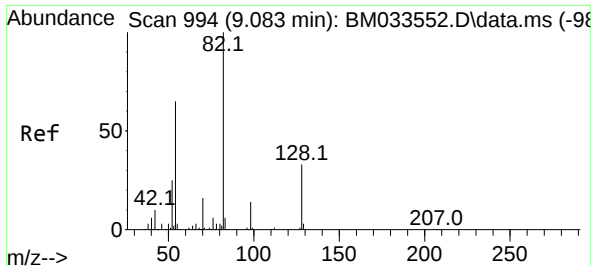
Tgt Ion:	136	Resp:	126215
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.6	13.0
54	11.5	8.3	12.5
68	5.7	5.0	7.6



#22
Acetophenone
Concen: 49.095 ng
RT: 8.742 min Scan# 936
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

Tgt Ion:	105	Resp:	169746
Ion Ratio	Lower	Upper	
105	100		
71	2.9	1.6	2.4#
51	43.5	27.7	41.5#
120	20.6	16.2	24.2





#23

Nitrobenzene-d5

Concen: 76.847 ng

RT: 9.084 min Scan# 994

Delta R.T. 0.000 min

Lab File: BM033562.D

Acq: 21 Dec 2021 20:02

Instrument :

BNA_M

ClientSampleId :

HB-2-(20-25)-12-17-21MSD

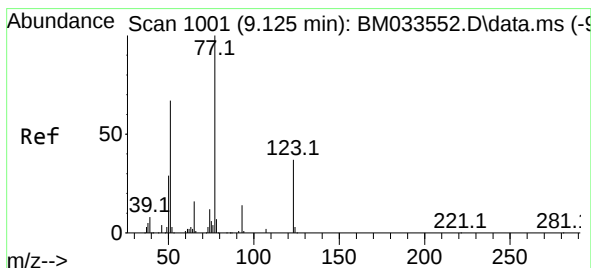
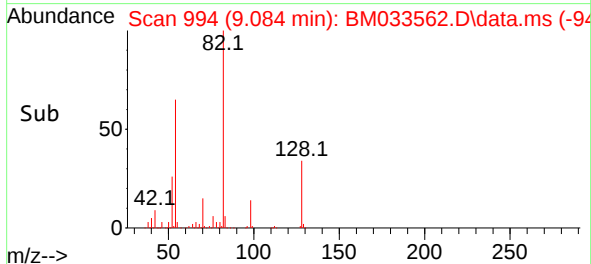
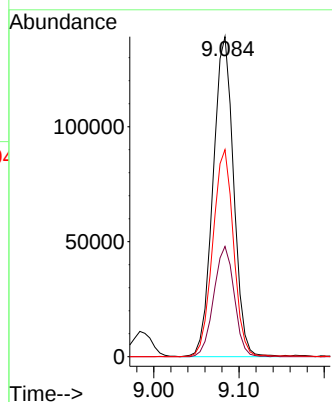
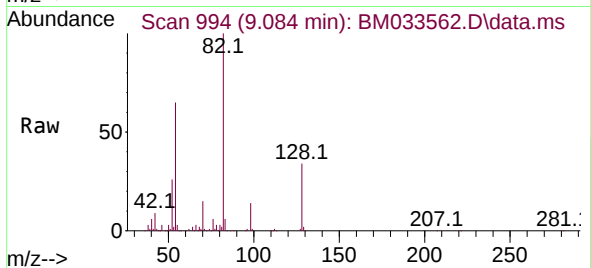
Tgt Ion: 82 Resp: 233515

Ion Ratio Lower Upper

82 100

128 34.4 28.1 42.1

54 64.7 46.1 69.1



#24

Nitrobenzene

Concen: 49.873 ng

RT: 9.125 min Scan# 1001

Delta R.T. 0.000 min

Lab File: BM033562.D

Acq: 21 Dec 2021 20:02

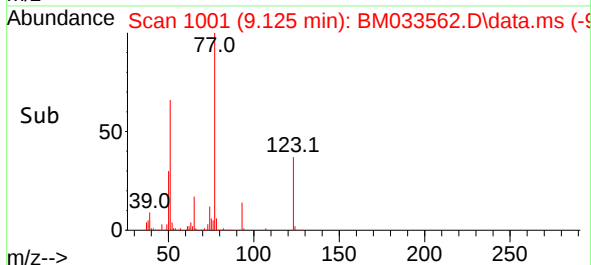
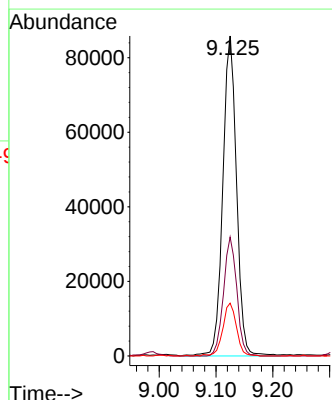
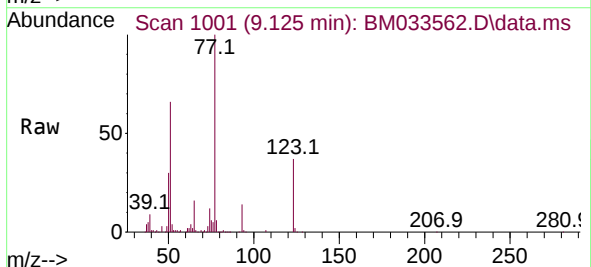
Tgt Ion: 77 Resp: 144845

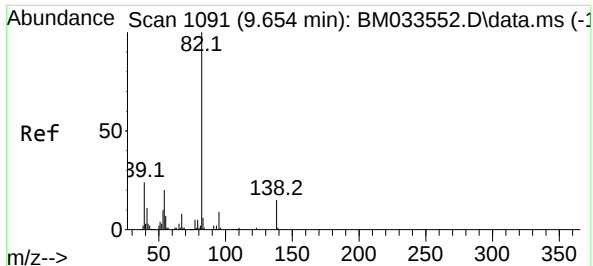
Ion Ratio Lower Upper

77 100

123 37.2 29.8 44.8

65 16.5 11.5 17.3

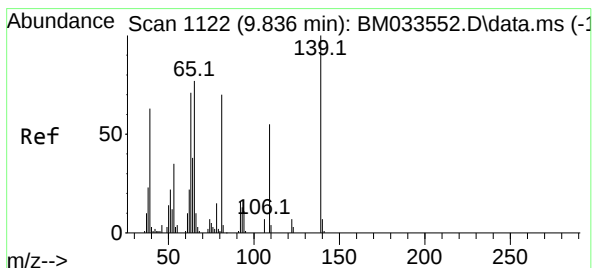
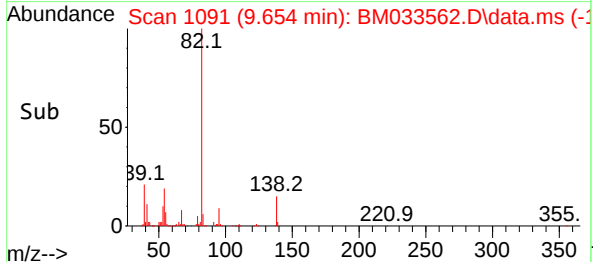
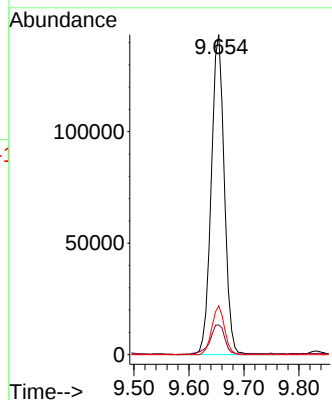
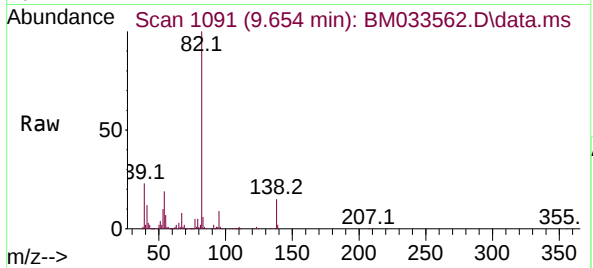




#25
Isophorone
Concen: 49.566 ng
RT: 9.654 min Scan# 1091
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

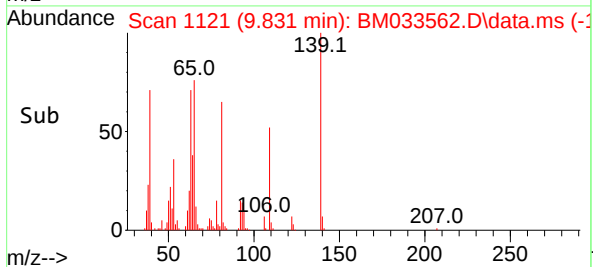
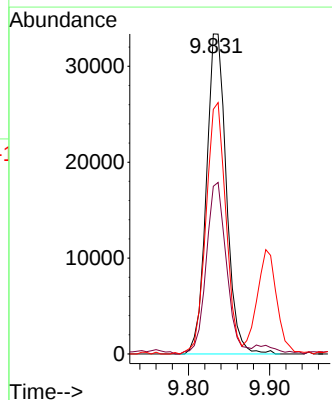
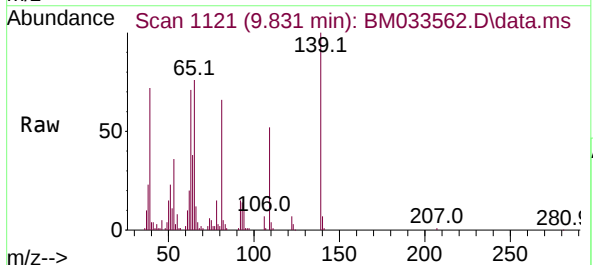
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

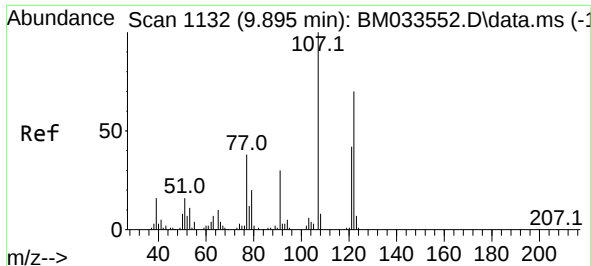
Tgt Ion: 82 Resp: 237380
Ion Ratio Lower Upper
82 100
95 9.3 6.4 9.6
138 15.2 12.4 18.6



#26
2-Nitrophenol
Concen: 51.397 ng
RT: 9.831 min Scan# 1121
Delta R.T. -0.006 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

Tgt Ion:139 Resp: 57020
Ion Ratio Lower Upper
139 100
109 52.4 33.0 49.6#
65 76.4 57.2 85.8





#27

2,4-Dimethylphenol

Concen: 57.380 ng

RT: 9.895 min Scan# 1132

Delta R.T. 0.000 min

Lab File: BM033562.D

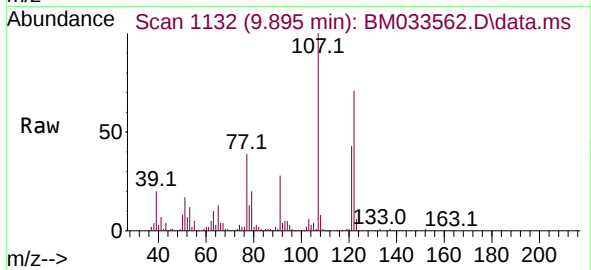
Acq: 21 Dec 2021 20:02

Instrument :

BNA_M

ClientSampleId :

HB-2-(20-25)-12-17-21MSD



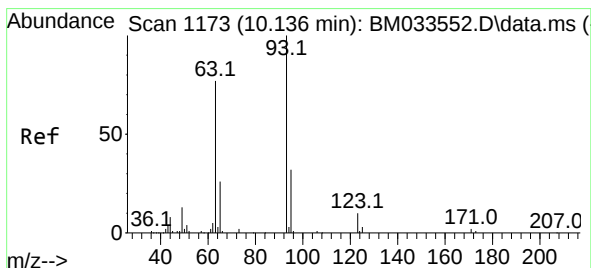
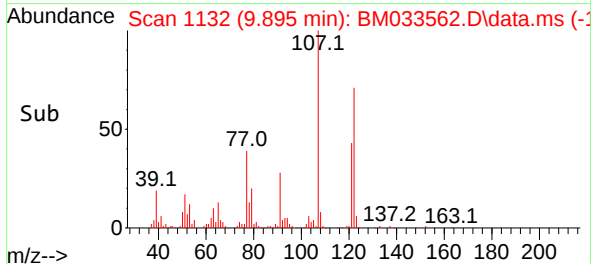
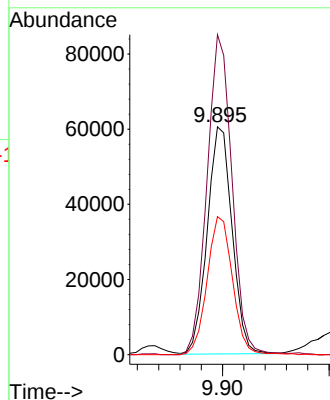
Tgt Ion:122 Resp: 98281

Ion Ratio Lower Upper

122 100

107 140.4 105.3 157.9

121 60.6 49.7 74.5



#28

bis(2-Chloroethoxy)methane

Concen: 48.537 ng

RT: 10.136 min Scan# 1173

Delta R.T. 0.000 min

Lab File: BM033562.D

Acq: 21 Dec 2021 20:02

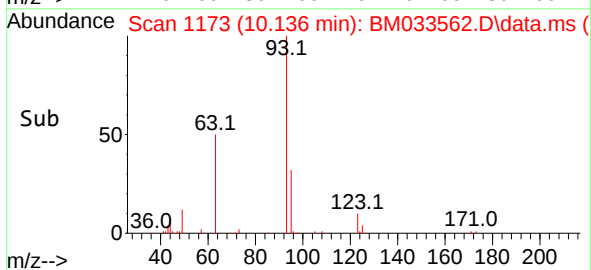
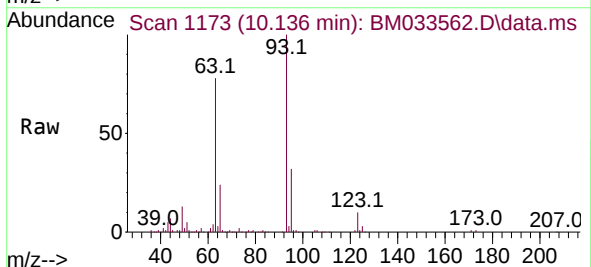
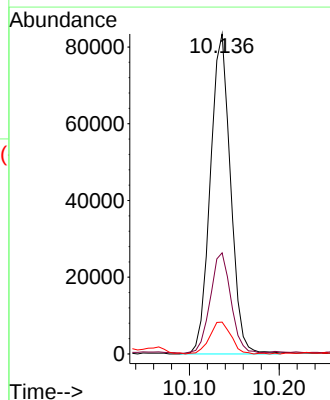
Tgt Ion: 93 Resp: 130260

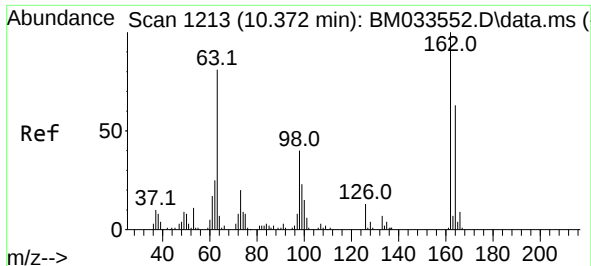
Ion Ratio Lower Upper

93 100

95 31.6 26.8 40.2

123 10.0 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 52.044 ng

RT: 10.372 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM033562.D

Acq: 21 Dec 2021 20:02

Instrument :

BNA_M

ClientSampleId :

HB-2-(20-25)-12-17-21MSD

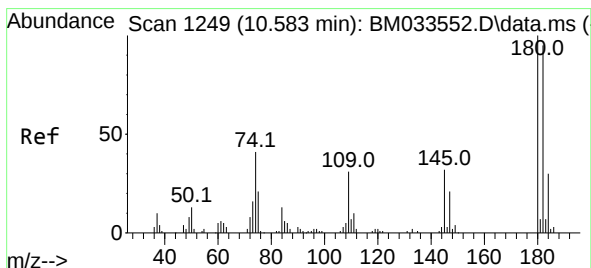
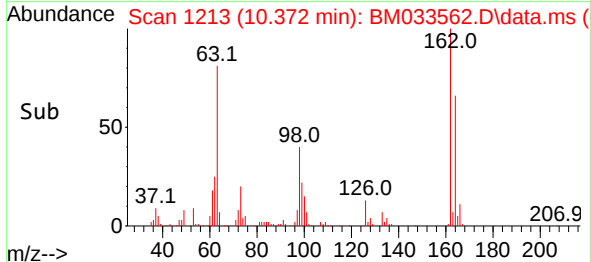
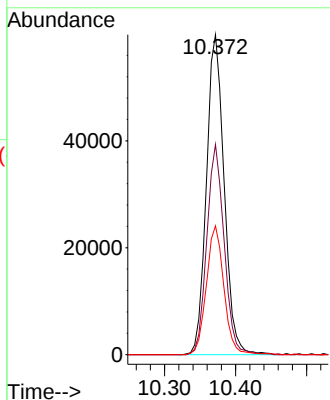
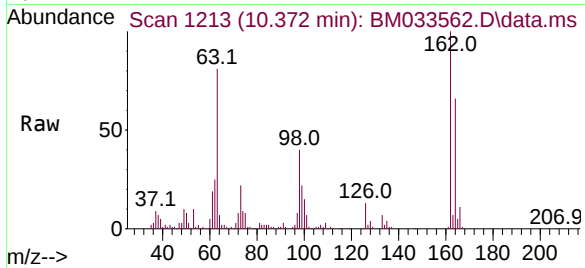
Tgt Ion:162 Resp: 103905

Ion Ratio Lower Upper

162 100

164 65.7 44.4 84.4

98 40.2 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 48.042 ng

RT: 10.578 min Scan# 1248

Delta R.T. -0.006 min

Lab File: BM033562.D

Acq: 21 Dec 2021 20:02

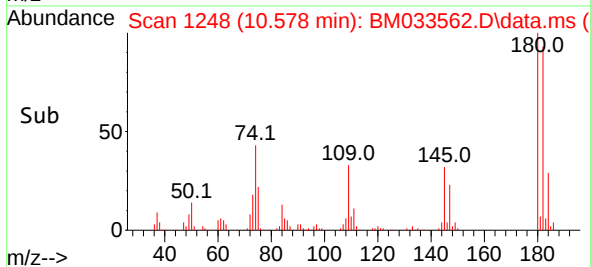
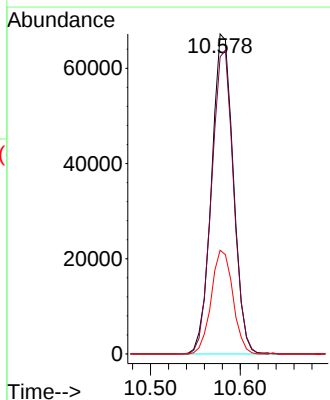
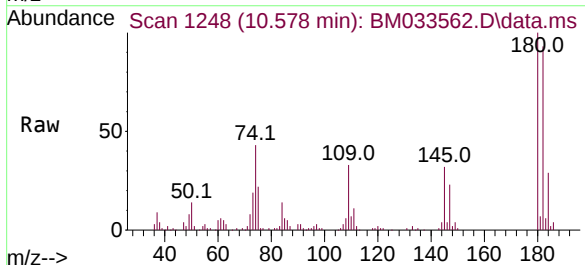
Tgt Ion:180 Resp: 113024

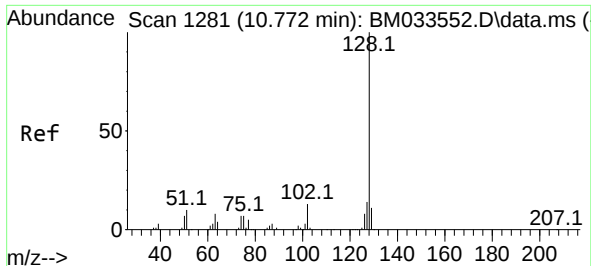
Ion Ratio Lower Upper

180 100

182 92.8 77.8 116.8

145 32.4 26.0 39.0

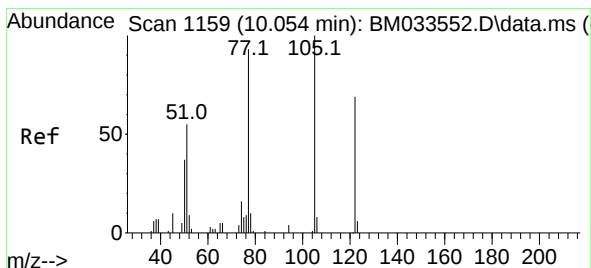
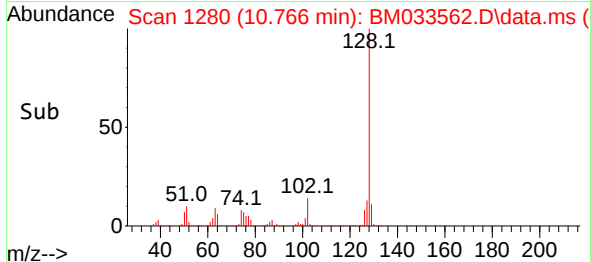
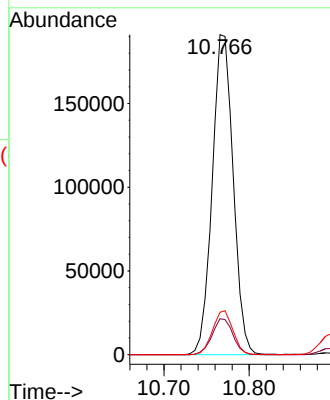
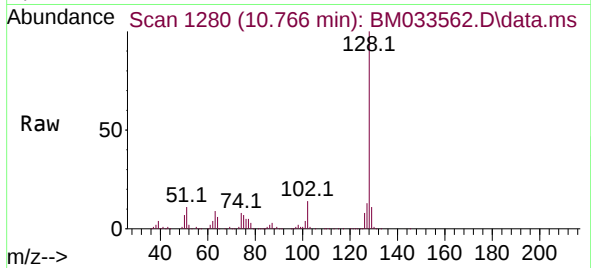




#31
Naphthalene
Concen: 48.242 ng
RT: 10.766 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

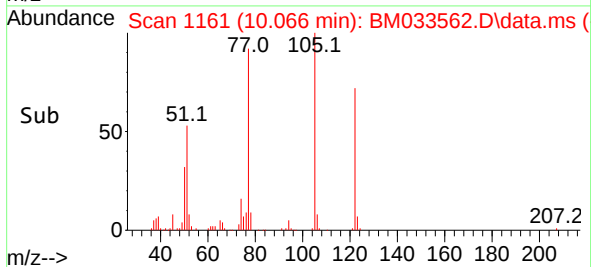
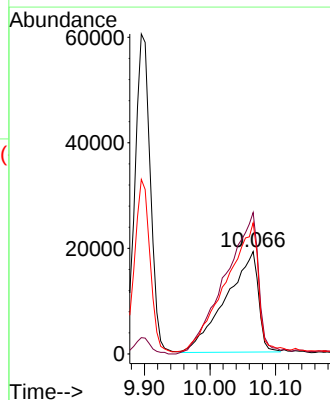
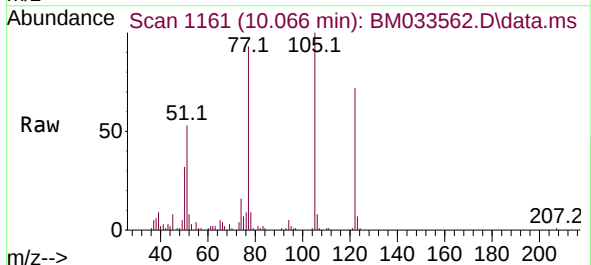
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

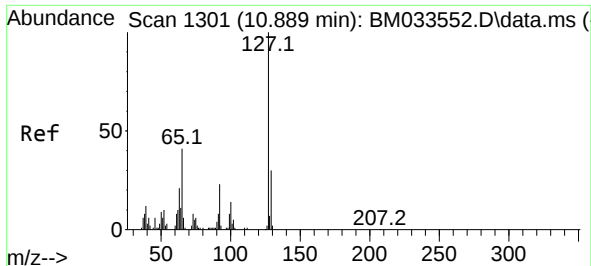
Tgt Ion:128 Resp: 326834
Ion Ratio Lower Upper
128 100
129 11.3 8.5 12.7
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 47.244 ng
RT: 10.066 min Scan# 1161
Delta R.T. 0.012 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

Tgt Ion:122 Resp: 65917
Ion Ratio Lower Upper
122 100
105 138.0 119.6 159.6
77 128.1 101.0 141.0

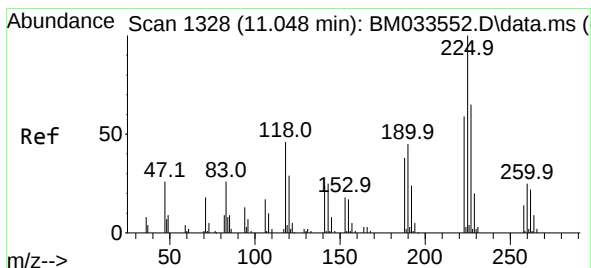
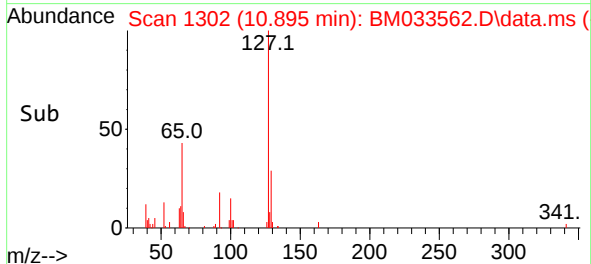
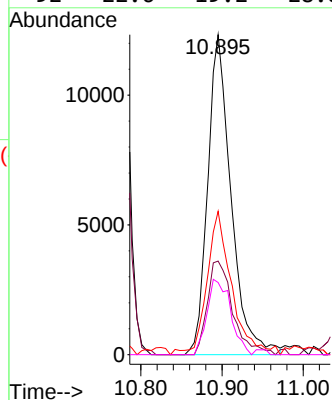
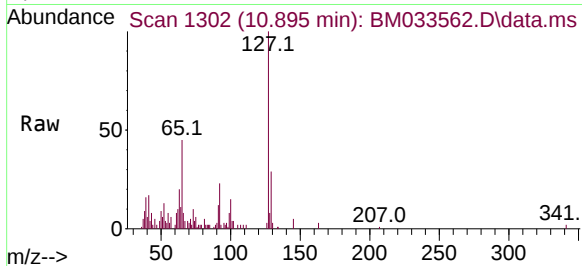




#33
4-Chloroaniline
Concen: 9.574 ng
RT: 10.895 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

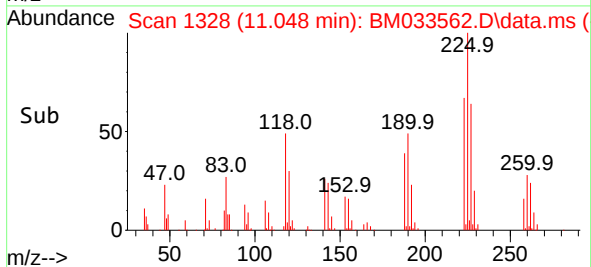
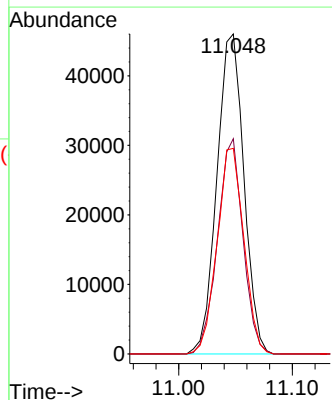
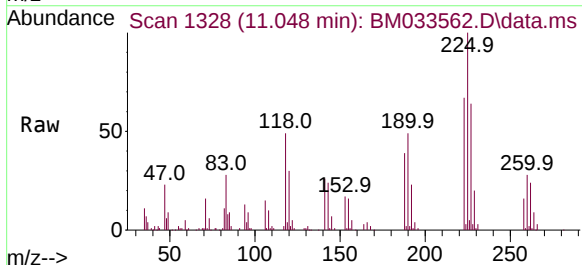
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

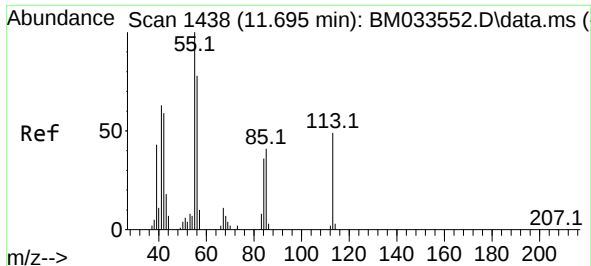
Tgt Ion:	127	Resp:	24650
Ion	Ratio	Lower	Upper
127	100		
129	29.3	26.2	39.4
65	44.8	33.0	49.6
92	22.6	19.2	28.8



#34
Hexachlorobutadiene
Concen: 46.969 ng
RT: 11.048 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

Tgt Ion:	225	Resp:	75994
Ion	Ratio	Lower	Upper
225	100		
223	67.3	52.5	78.7
227	64.2	52.7	79.1

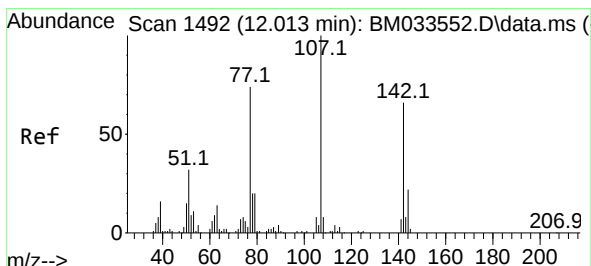
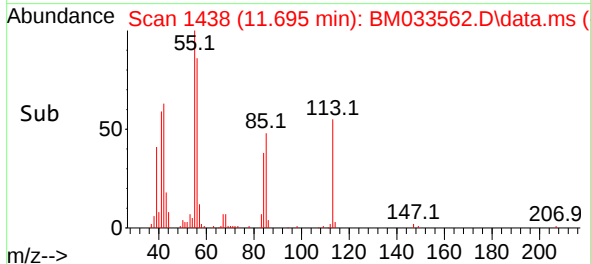
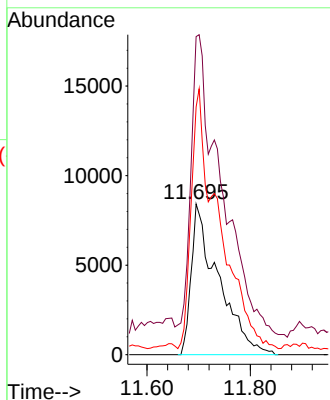
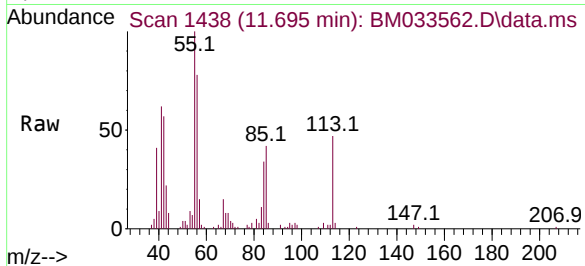




#35
Caprolactam
Concen: 73.361 ng
RT: 11.695 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

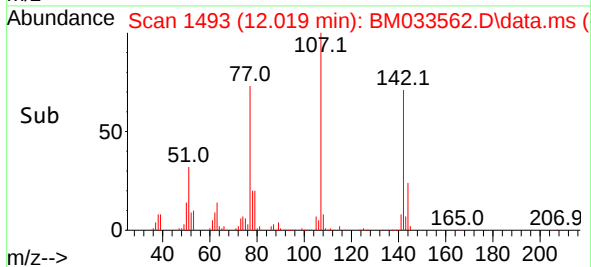
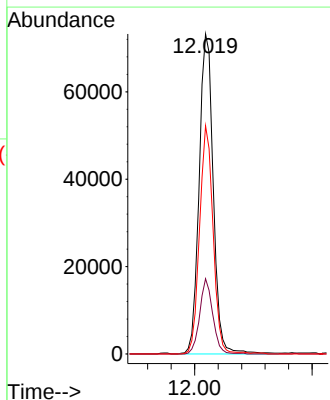
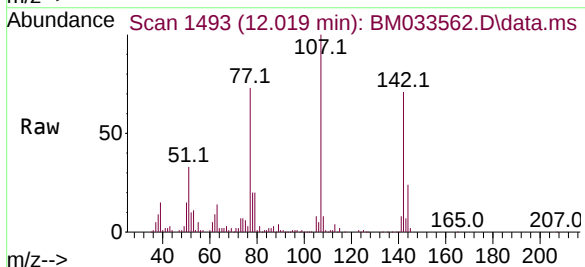
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

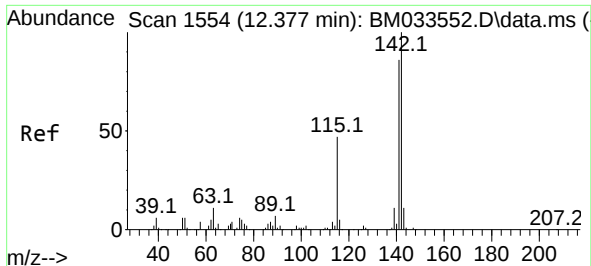
Tgt Ion	Ratio	Lower	Upper
113	100		
55	211.0	183.6	223.6
56	164.3	143.7	183.7



#36
4-Chloro-3-methylphenol
Concen: 47.495 ng
RT: 12.019 min Scan# 1493
Delta R.T. 0.006 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.5	18.6	27.8
142	71.3	56.9	85.3





#37

2-Methylnaphthalene

Concen: 50.321 ng

RT: 12.383 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM033562.D

Acq: 21 Dec 2021 20:02

Instrument :

BNA_M

ClientSampleId :

HB-2-(20-25)-12-17-21MSD

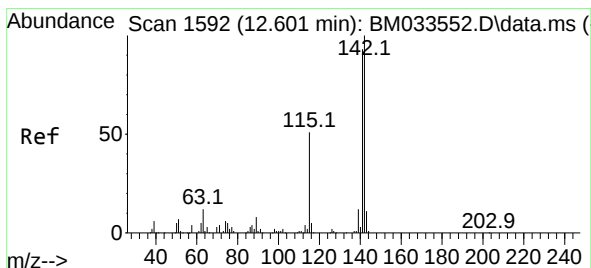
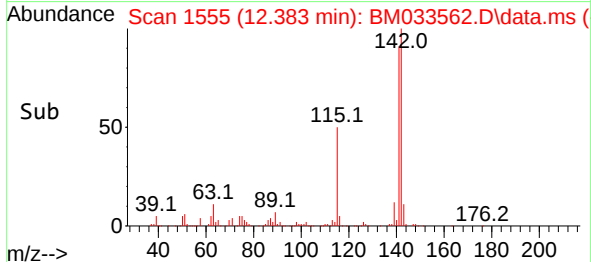
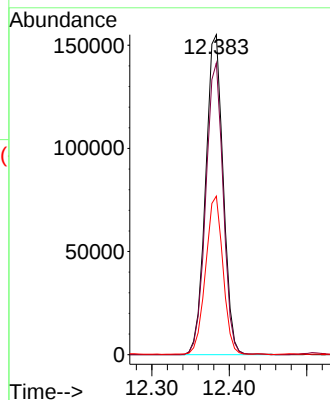
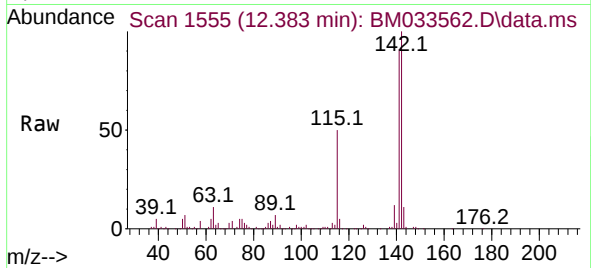
Tgt Ion:142 Resp: 244235

Ion Ratio Lower Upper

142 100

141 91.1 72.2 108.2

115 49.5 33.0 49.6



#38

1-Methylnaphthalene

Concen: 46.387 ng

RT: 12.601 min Scan# 1592

Delta R.T. 0.000 min

Lab File: BM033562.D

Acq: 21 Dec 2021 20:02

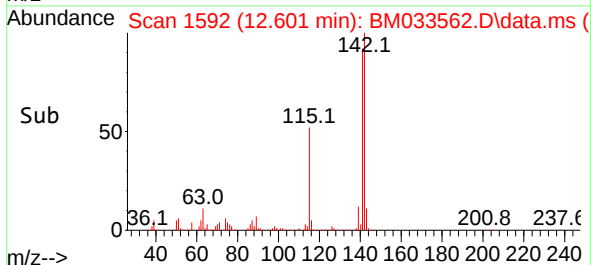
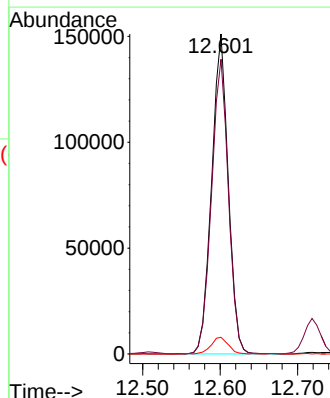
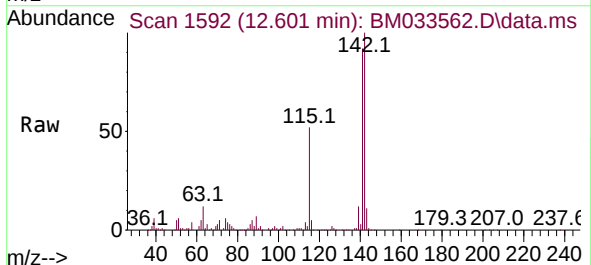
Tgt Ion:142 Resp: 224993

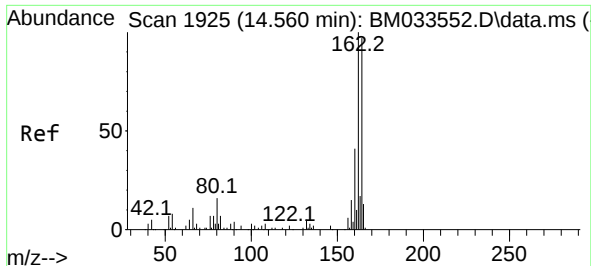
Ion Ratio Lower Upper

142 100

141 92.1 75.0 112.4

116 5.2 3.5 5.3

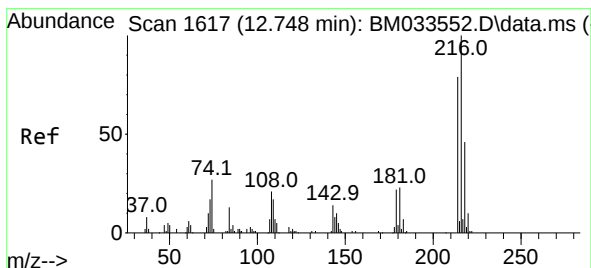
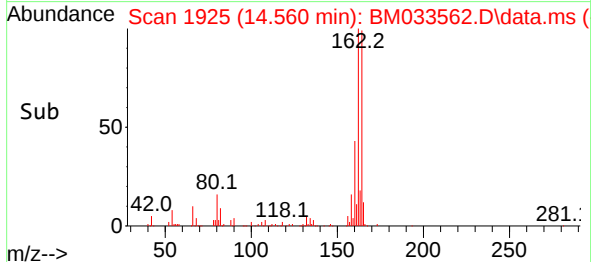
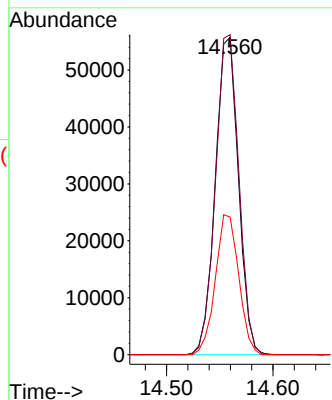
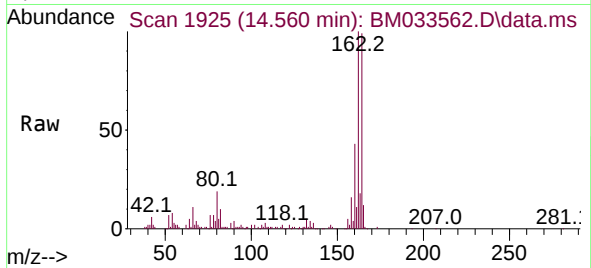




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.560 min Scan# 1925
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

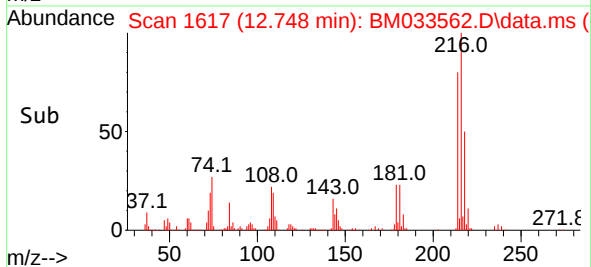
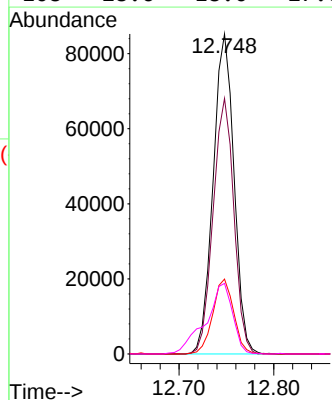
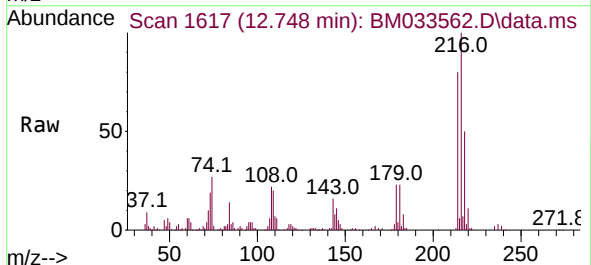
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

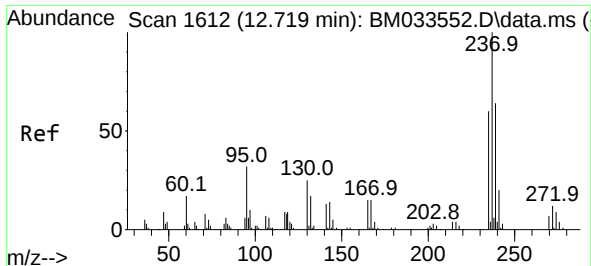
Tgt Ion:164 Resp: 83875
Ion Ratio Lower Upper
164 100
162 100.8 79.7 119.5
160 43.3 34.2 51.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 54.127 ng
RT: 12.748 min Scan# 1617
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

Tgt Ion:216 Resp: 130444
Ion Ratio Lower Upper
216 100
214 79.4 62.6 93.8
179 23.5 18.2 27.2
108 28.6 18.0 27.0#

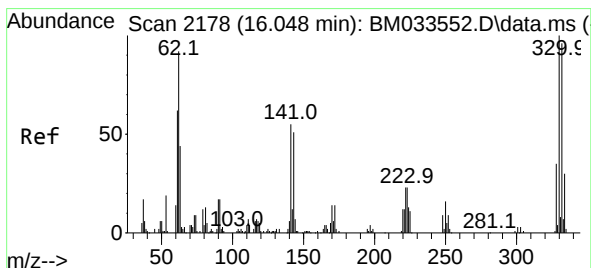
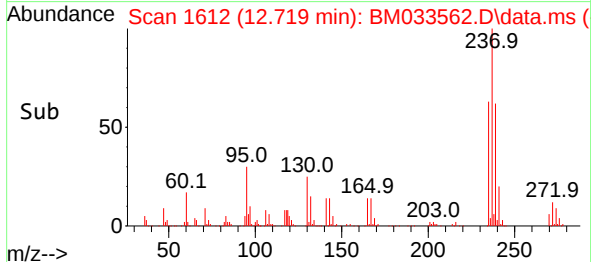
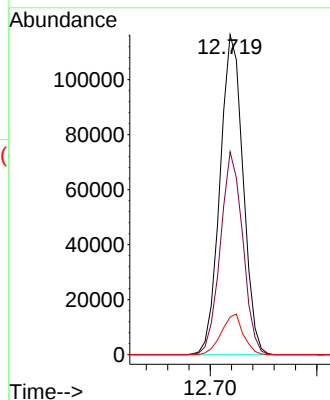
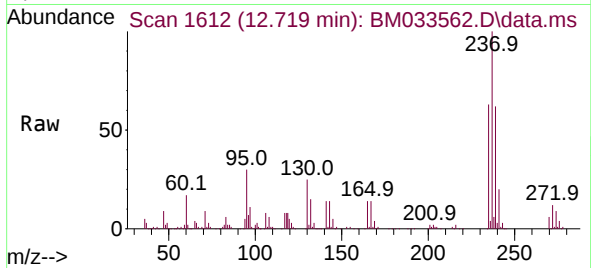




#41
Hexachlorocyclopentadiene
Concen: 130.154 ng
RT: 12.719 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

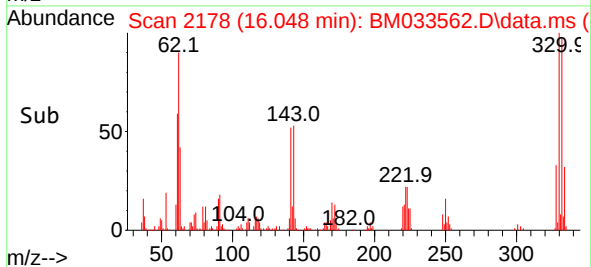
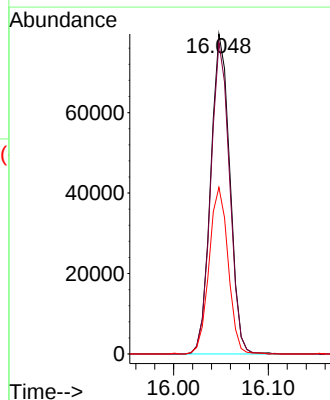
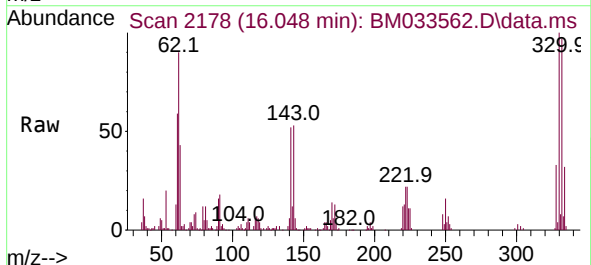
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

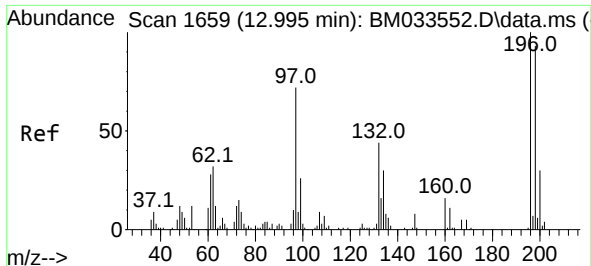
Tgt Ion:237 Resp: 174336
Ion Ratio Lower Upper
237 100
235 63.4 41.7 81.7
272 11.8 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 107.898 ng
RT: 16.048 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

Tgt Ion:330 Resp: 111436
Ion Ratio Lower Upper
330 100
332 96.2 76.5 114.7
141 51.9 35.9 53.9

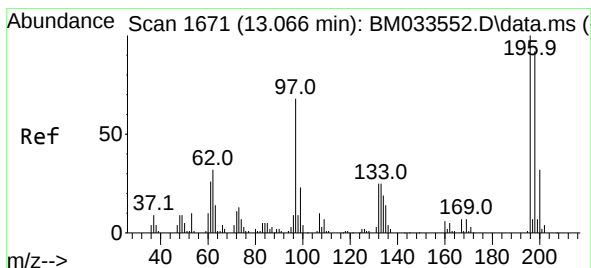
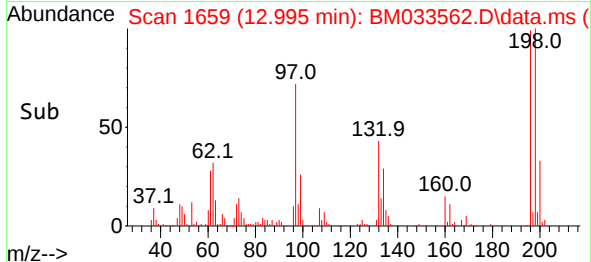
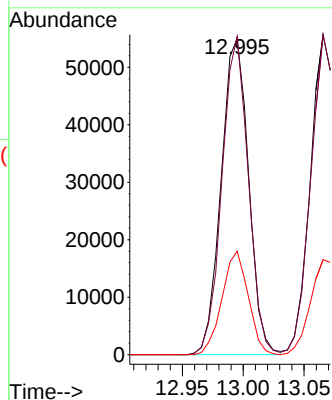
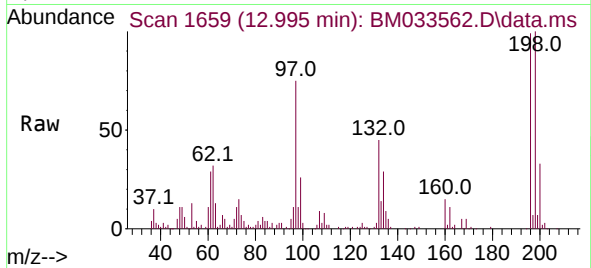




#43
2,4,6-Trichlorophenol
Concen: 50.882 ng
RT: 12.995 min Scan# 1659
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

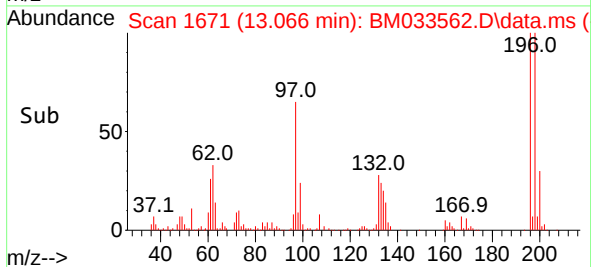
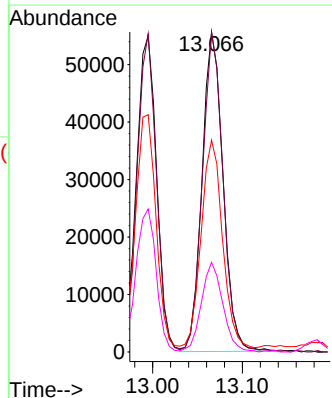
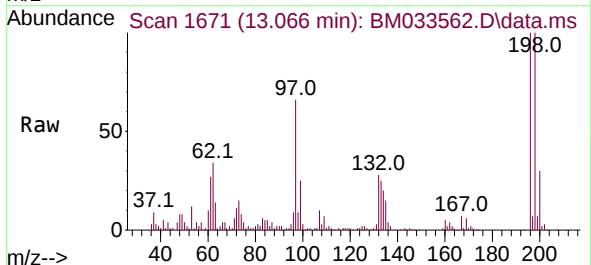
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

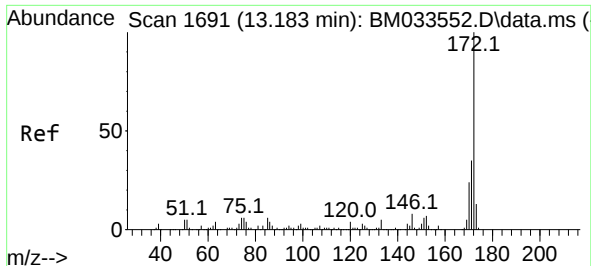
Tgt Ion:196 Resp: 86300
Ion Ratio Lower Upper
196 100
198 100.7 75.1 112.7
200 32.8 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 50.057 ng
RT: 13.066 min Scan# 1671
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

Tgt Ion:196 Resp: 90132
Ion Ratio Lower Upper
196 100
198 100.0 77.8 116.6
97 66.2 49.7 74.5
132 28.0 23.4 35.0

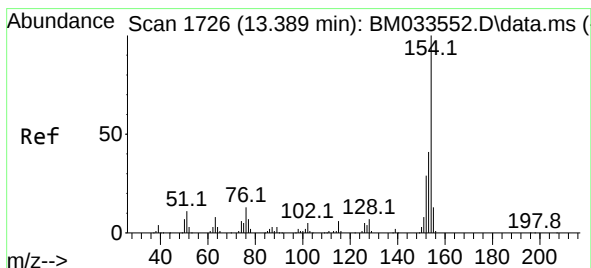
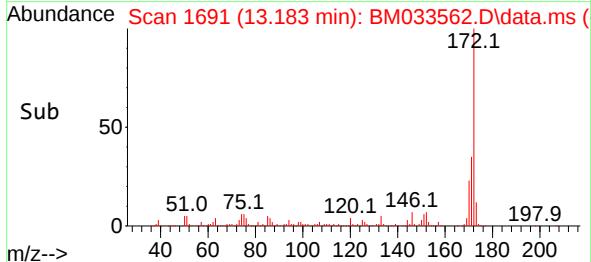
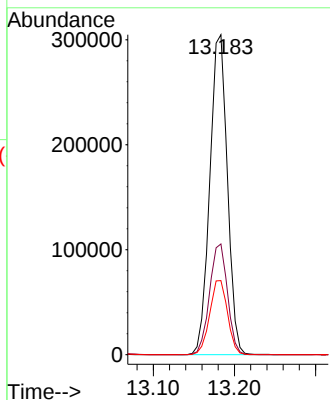
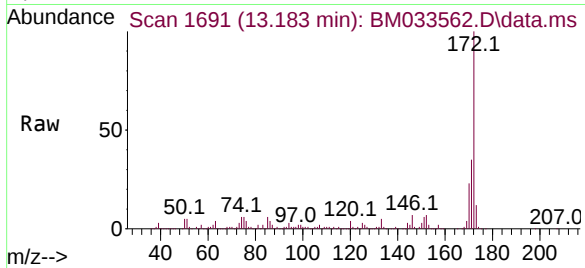




#45
2-Fluorobiphenyl
Concen: 76.904 ng
RT: 13.183 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

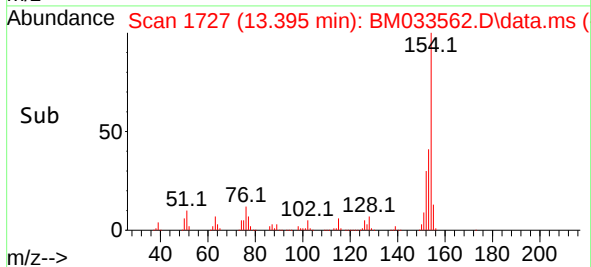
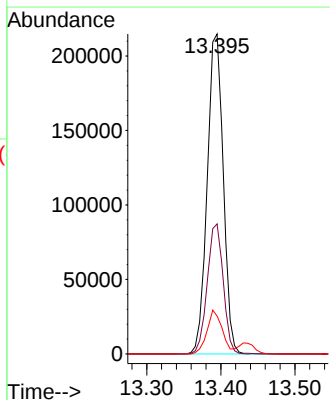
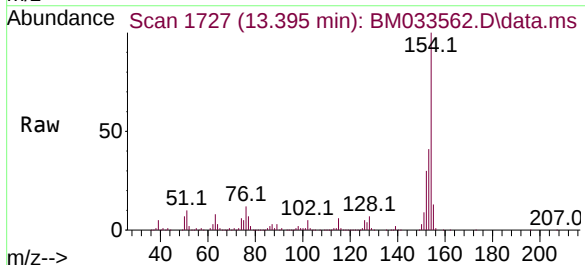
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

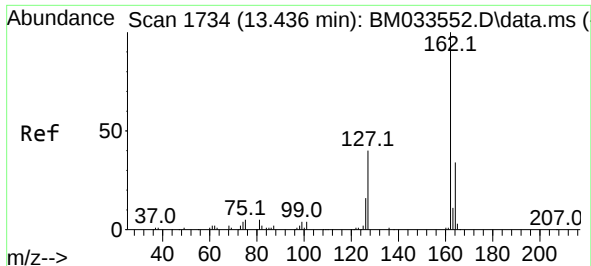
Tgt Ion:172 Resp: 457507
Ion Ratio Lower Upper
172 100
171 34.6 27.2 40.8
170 23.1 18.7 28.1



#46
1,1'-Biphenyl
Concen: 52.413 ng
RT: 13.395 min Scan# 1727
Delta R.T. 0.006 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

Tgt Ion:154 Resp: 322592
Ion Ratio Lower Upper
154 100
153 40.7 20.7 60.7
76 11.9 0.0 34.4

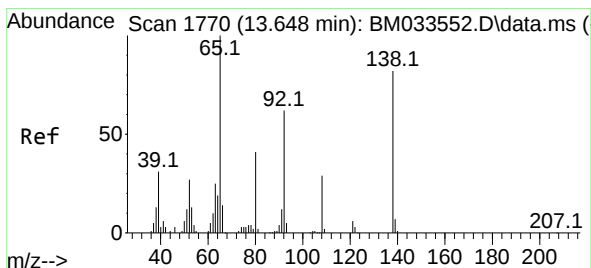
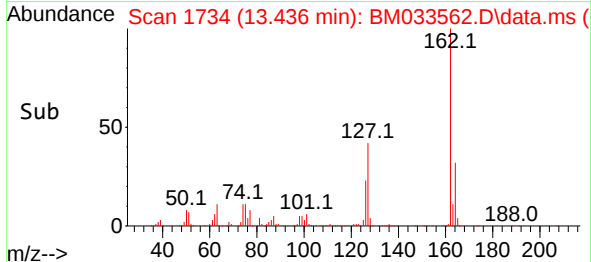
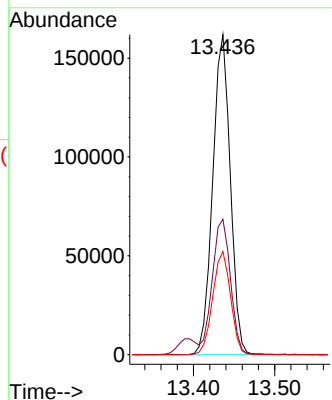
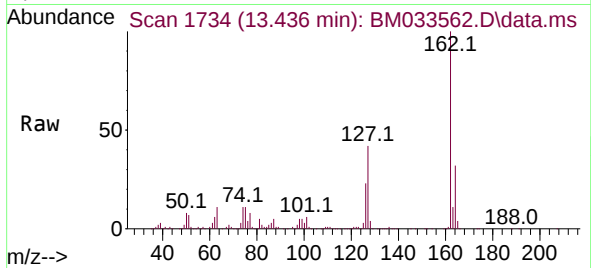




#47
2-Chloronaphthalene
Concen: 50.974 ng
RT: 13.436 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

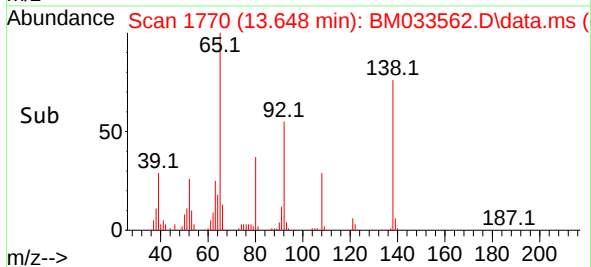
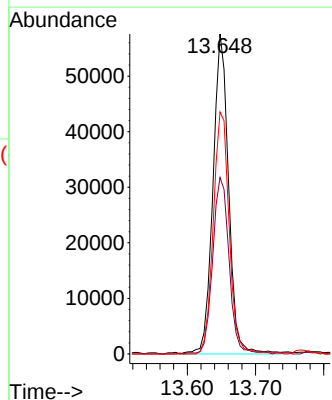
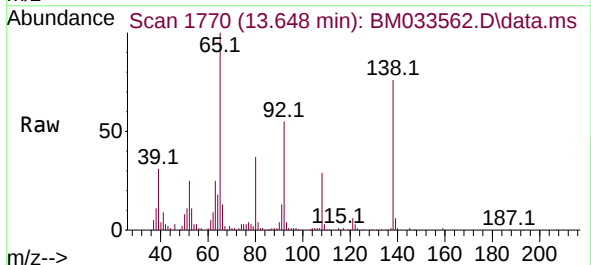
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

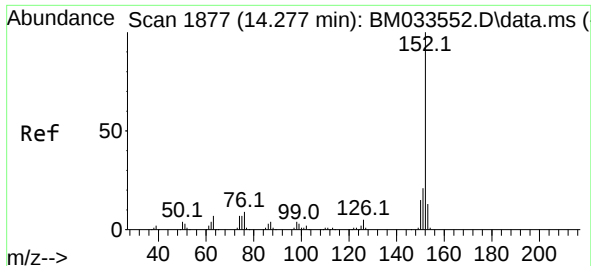
Tgt Ion:	162	Resp:	243390
Ion Ratio	Lower	Upper	
162	100		
127	42.3	33.8	50.6
164	32.3	26.2	39.4



#48
2-Nitroaniline
Concen: 50.427 ng
RT: 13.648 min Scan# 1770
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

Tgt Ion:	65	Resp:	91981
Ion Ratio	Lower	Upper	
65	100		
92	55.1	50.0	75.0
138	75.6	65.7	98.5

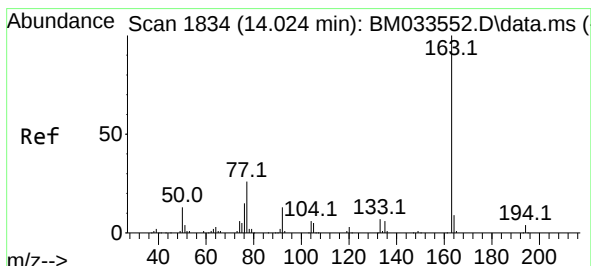
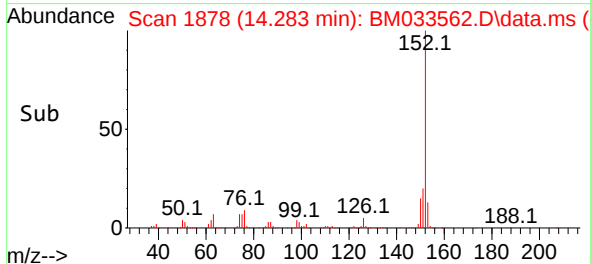
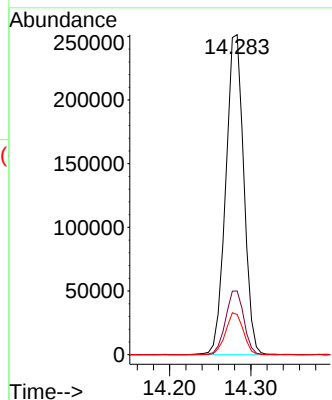
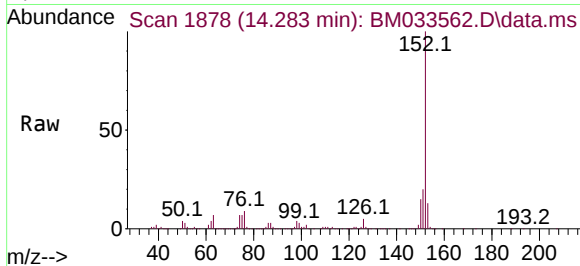




#49
Acenaphthylene
Concen: 50.727 ng
RT: 14.283 min Scan# 1878
Delta R.T. 0.006 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

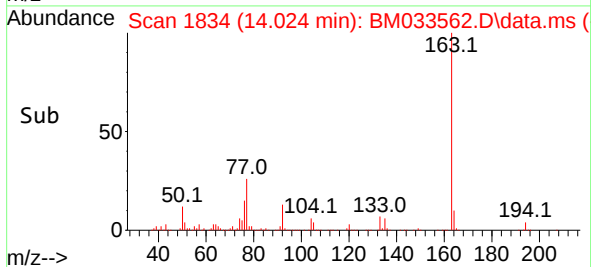
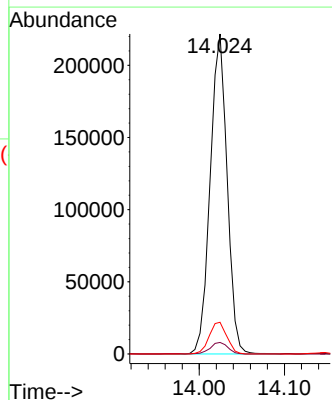
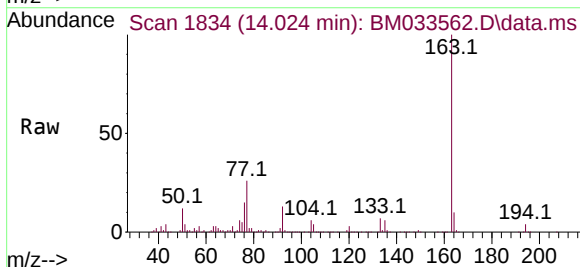
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

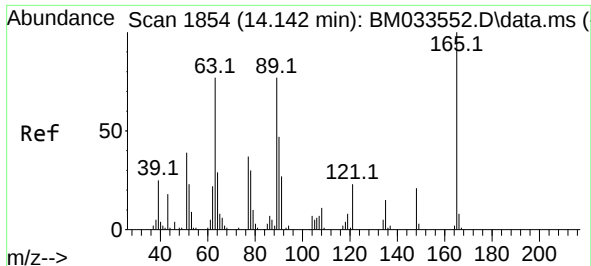
Tgt Ion:152 Resp: 387926
Ion Ratio Lower Upper
152 100
151 19.9 15.4 23.2
153 12.6 10.4 15.6



#50
Dimethylphthalate
Concen: 47.334 ng
RT: 14.024 min Scan# 1834
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

Tgt Ion:163 Resp: 306045
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 9.9 8.6 12.8

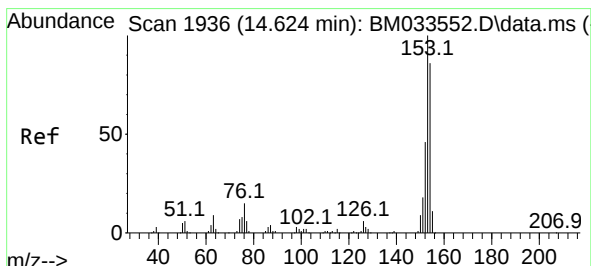
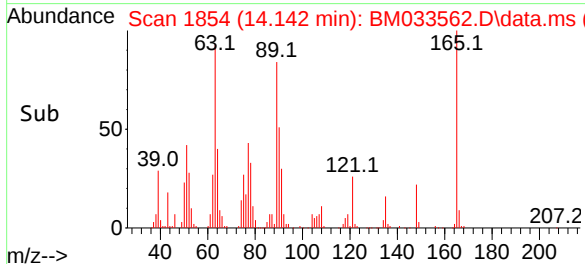
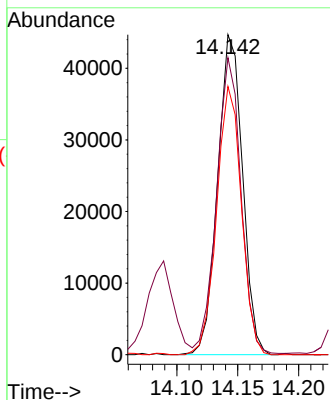
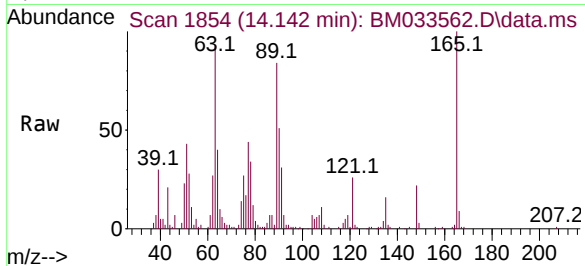




#51
2,6-Dinitrotoluene
Concen: 49.235 ng
RT: 14.142 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

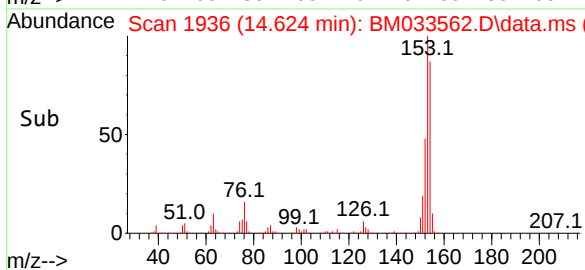
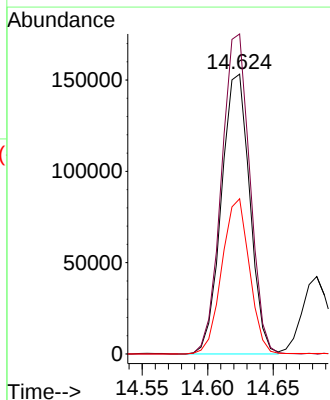
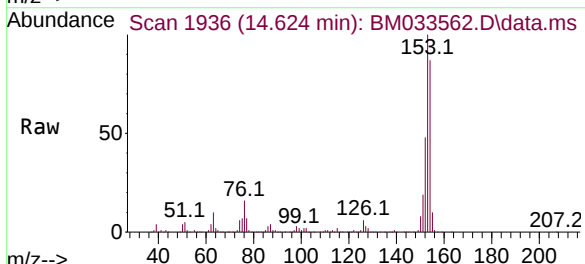
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

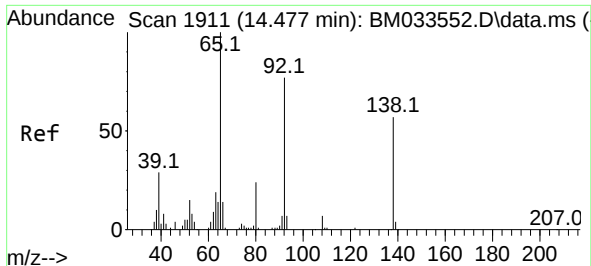
Tgt Ion:165 Resp: 63547
Ion Ratio Lower Upper
165 100
63 92.8 56.9 85.3#
89 83.8 54.3 81.5#



#52
Acenaphthene
Concen: 50.166 ng
RT: 14.624 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

Tgt Ion:154 Resp: 230471
Ion Ratio Lower Upper
154 100
153 114.3 90.2 135.4
152 55.4 43.5 65.3

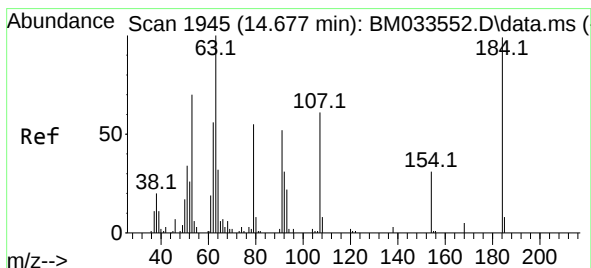
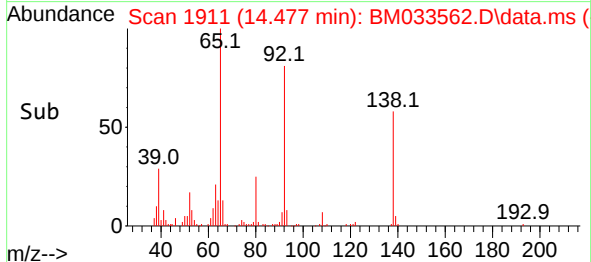
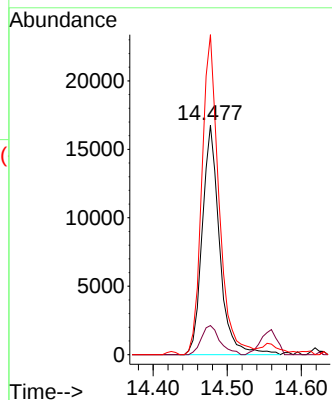
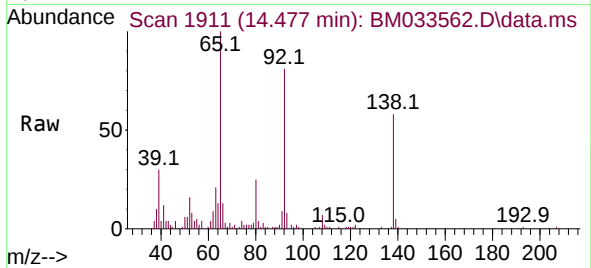




#53
3-Nitroaniline
Concen: 21.505 ng
RT: 14.477 min Scan# 1911
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

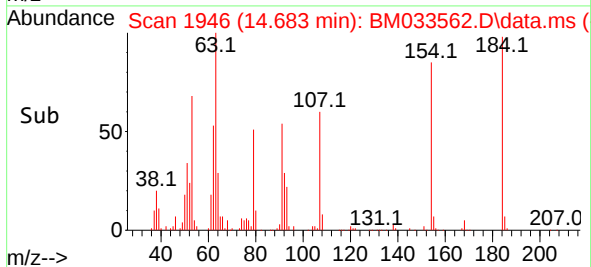
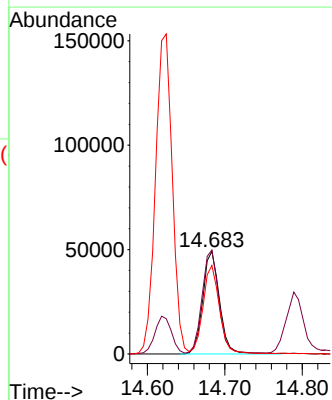
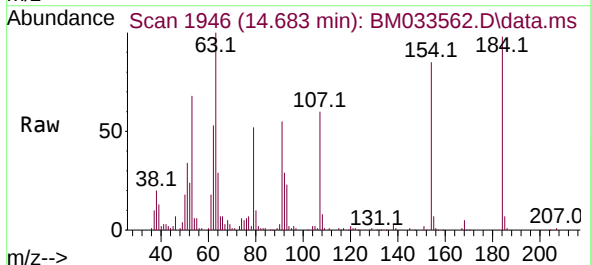
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

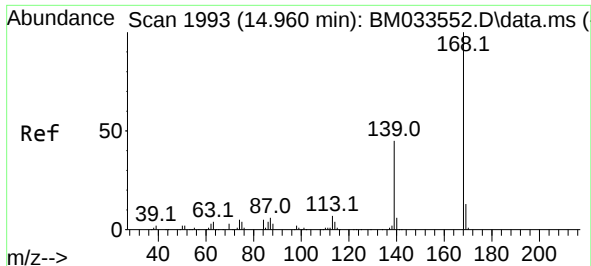
Tgt Ion:138 Resp: 27257
Ion Ratio Lower Upper
138 100
108 12.7 9.5 14.3
92 139.5 106.6 159.8



#54
2,4-Dinitrophenol
Concen: 91.833 ng
RT: 14.683 min Scan# 1946
Delta R.T. 0.006 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

Tgt Ion:184 Resp: 73766
Ion Ratio Lower Upper
184 100
63 101.5 71.8 107.6
154 86.3 55.7 83.5#

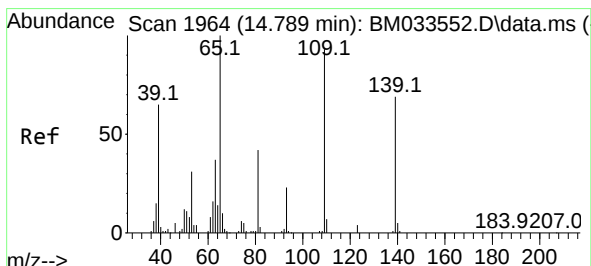
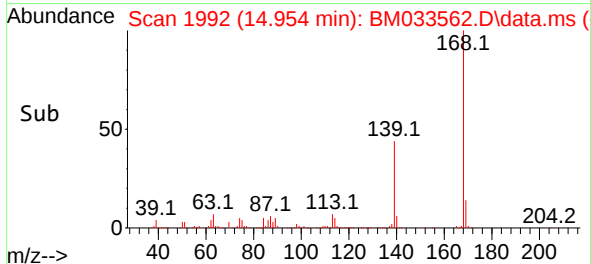
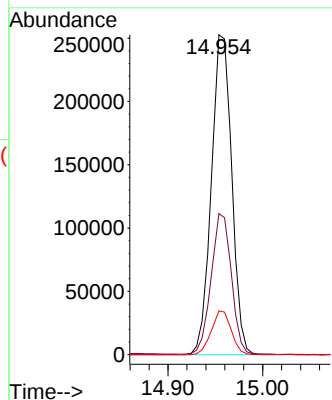
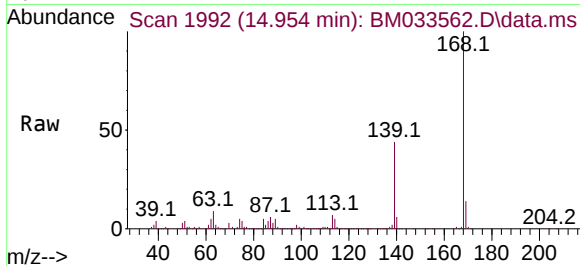




#55
Dibenzofuran
Concen: 47.964 ng
RT: 14.954 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

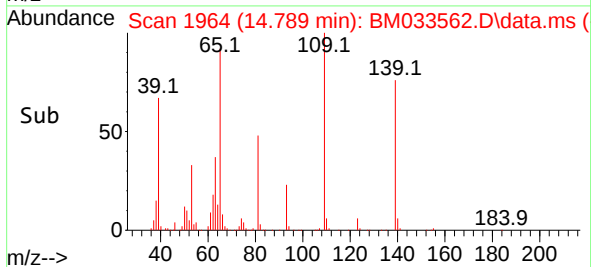
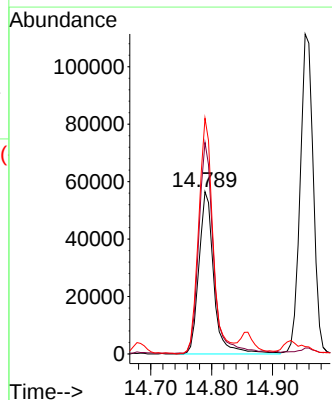
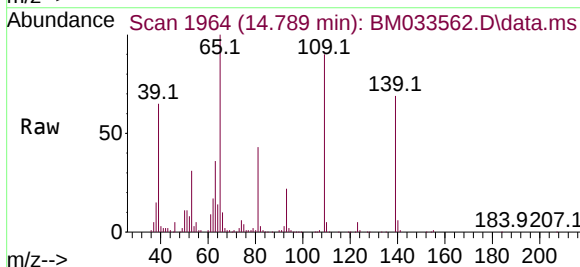
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

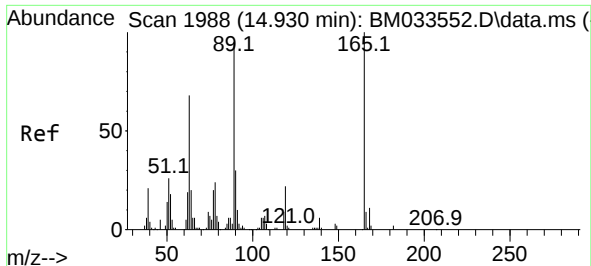
Tgt Ion:168 Resp: 377328
Ion Ratio Lower Upper
168 100
139 44.1 31.4 47.2
169 13.7 10.6 15.8



#56
4-Nitrophenol
Concen: 98.597 ng
RT: 14.789 min Scan# 1964
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

Tgt Ion:139 Resp: 96474
Ion Ratio Lower Upper
139 100
109 130.3 75.3 115.3#
65 145.3 107.4 147.4

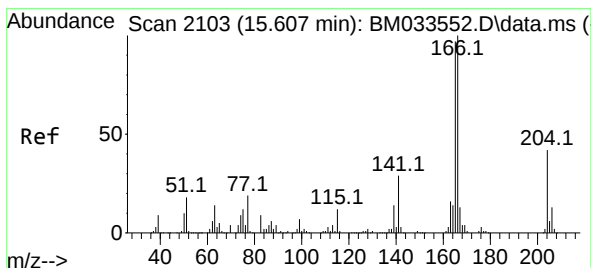
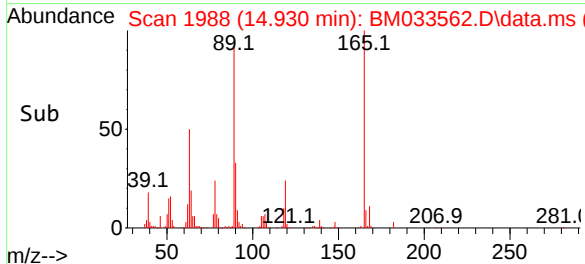
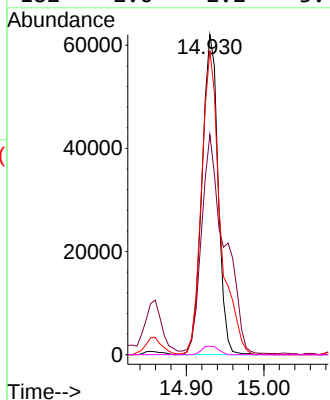
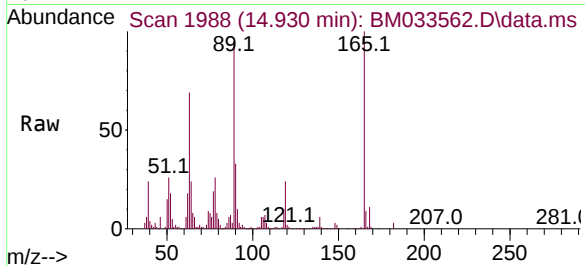




#57
2,4-Dinitrotoluene
Concen: 49.623 ng
RT: 14.930 min Scan# 1988
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

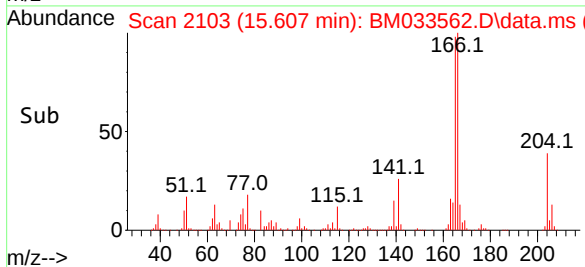
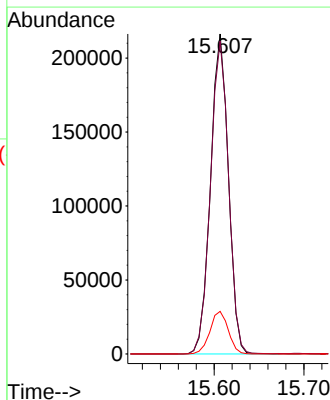
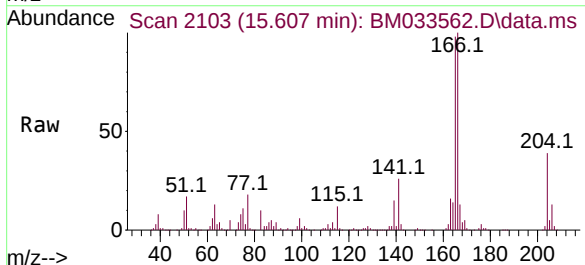
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

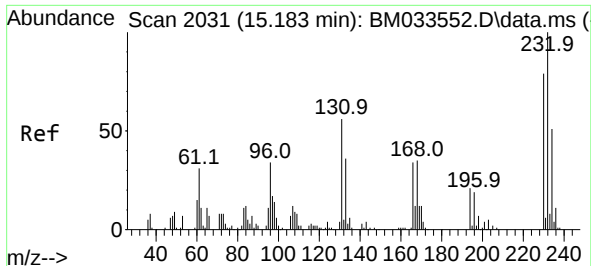
Tgt Ion:	165	Resp:	89399
Ion	Ratio	Lower	Upper
165	100		
63	68.7	46.2	69.4
89	95.0	72.0	108.0
182	2.6	2.2	3.4



#58
Fluorene
Concen: 47.058 ng
RT: 15.607 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

Tgt Ion:	166	Resp:	298428
Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.1	117.1
167	13.3	10.6	15.8

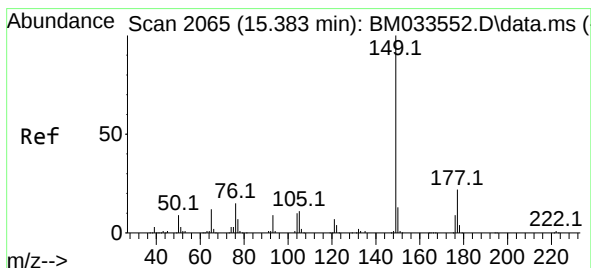
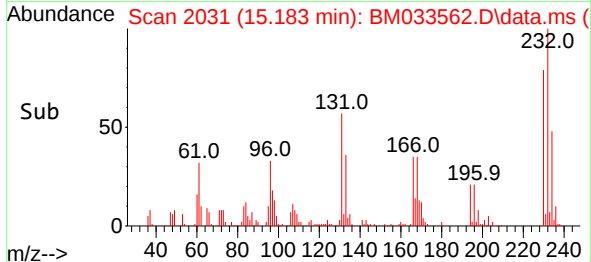
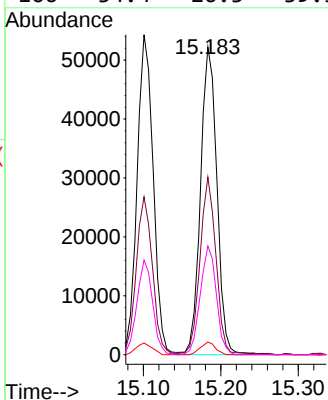
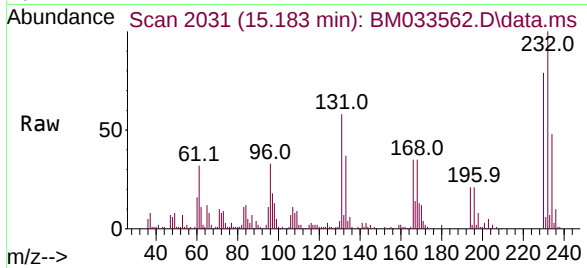




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.475 ng
RT: 15.183 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

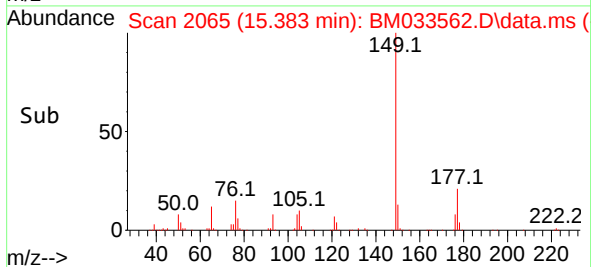
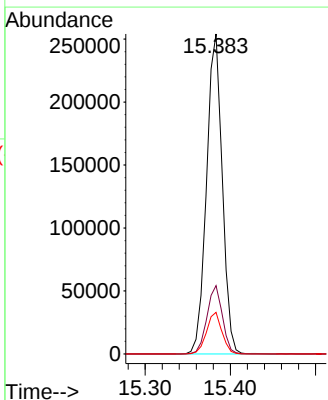
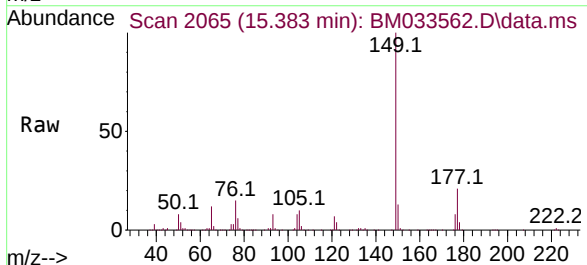
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

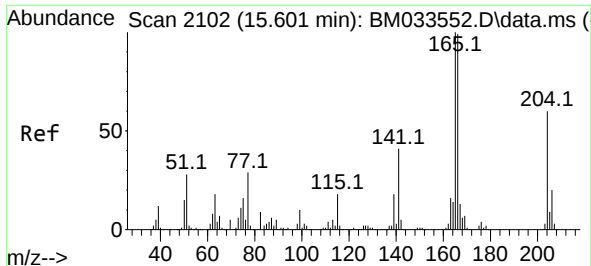
Tgt Ion:	232	Resp:	76814
Ion Ratio	Lower	Upper	
232	100		
131	56.6	41.4	62.0
130	3.7	2.4	3.6#
166	34.4	26.3	39.5



#60
Diethylphthalate
Concen: 46.640 ng
RT: 15.383 min Scan# 2065
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

Tgt Ion:	149	Resp:	325370
Ion Ratio	Lower	Upper	
149	100		
177	21.4	17.5	26.3
150	13.0	10.3	15.5

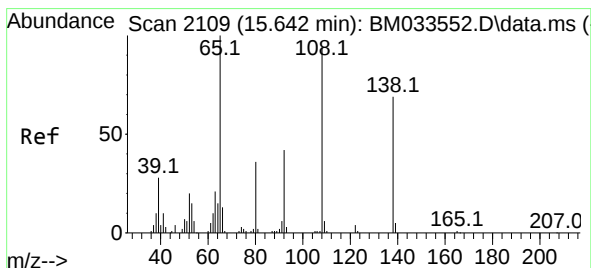
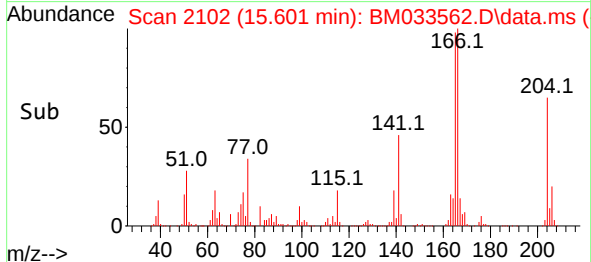
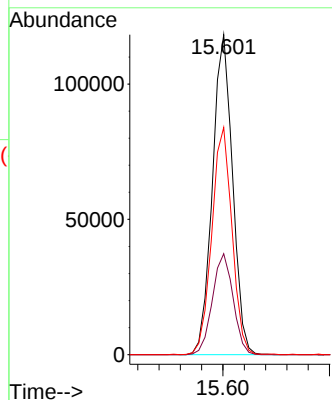
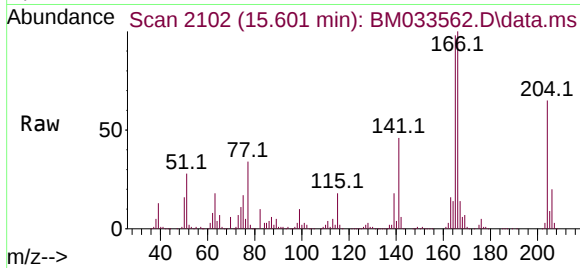




#61
4-Chlorophenyl-phenylether
Concen: 46.338 ng
RT: 15.601 min Scan# 2102
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

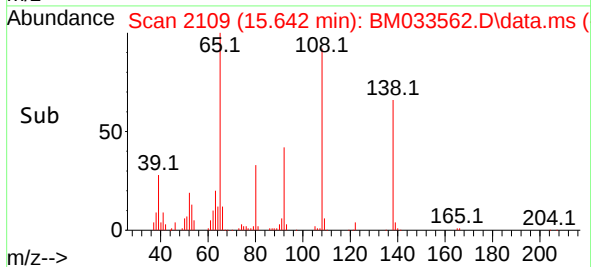
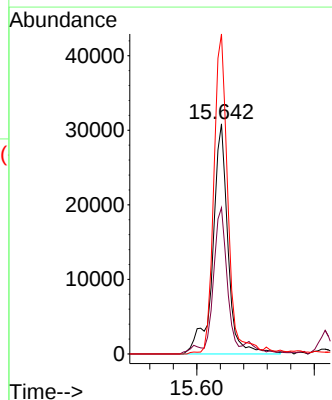
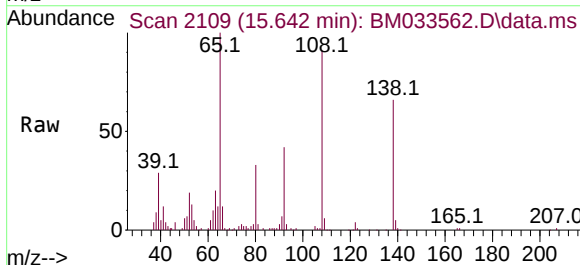
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

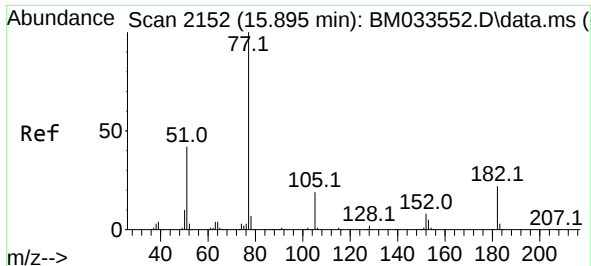
Tgt Ion:204 Resp: 154907
Ion Ratio Lower Upper
204 100
206 31.5 25.4 38.2
141 71.0 50.6 76.0



#62
4-Nitroaniline
Concen: 42.447 ng
RT: 15.642 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

Tgt Ion:138 Resp: 55437
Ion Ratio Lower Upper
138 100
92 63.6 38.7 78.7
108 139.1 81.9 121.9#

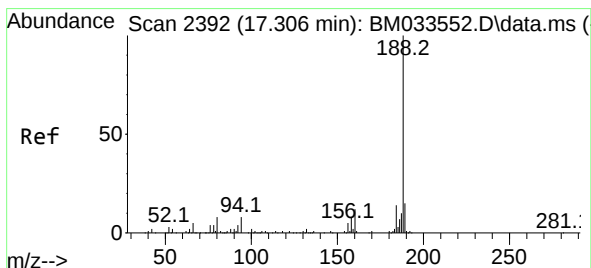
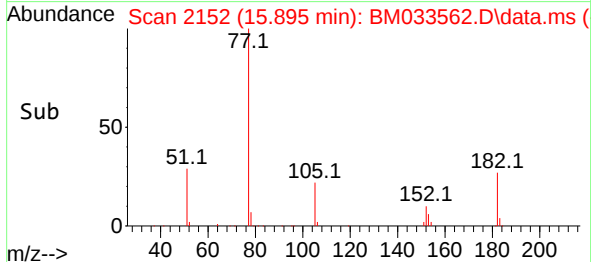
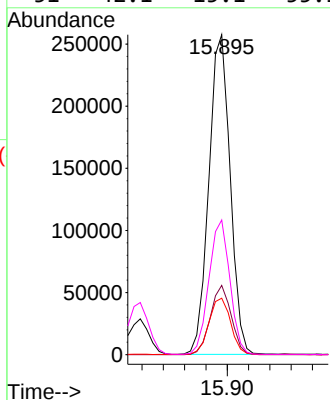
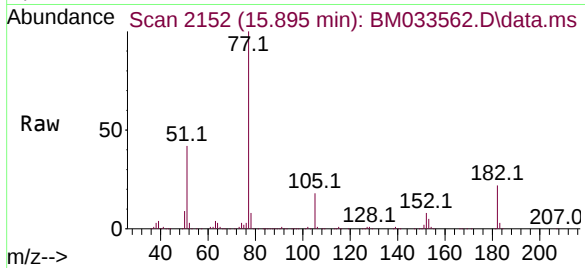




#63
Azobenzene
Concen: 46.322 ng
RT: 15.895 min Scan# 2152
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

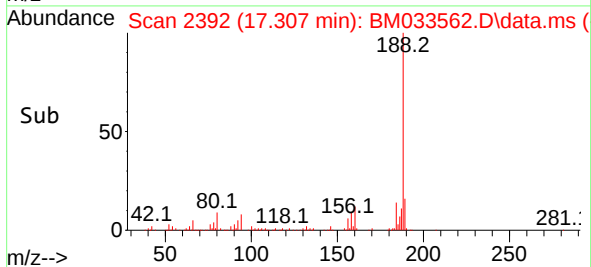
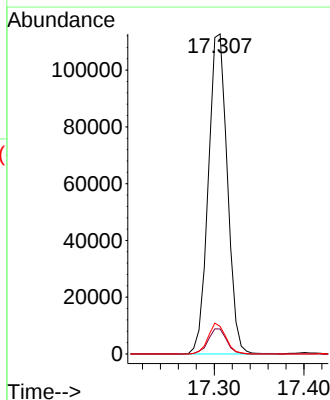
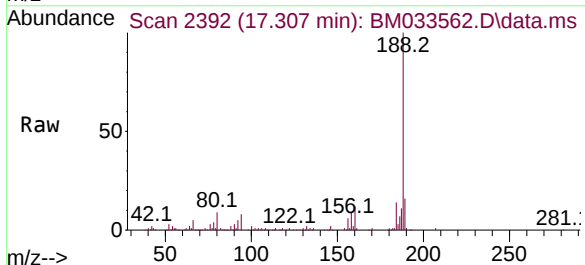
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

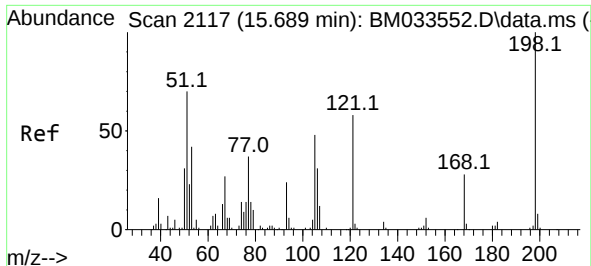
Tgt Ion:	77	Resp:	356612
Ion	Ratio	Lower	Upper
77	100		
182	21.7	0.3	40.3
105	17.6	0.0	38.3
51	42.1	15.1	55.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.307 min Scan# 2392
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

Tgt Ion:	188	Resp:	165627
Ion	Ratio	Lower	Upper
188	100		
94	7.8	7.5	11.3
80	8.6	8.9	13.3

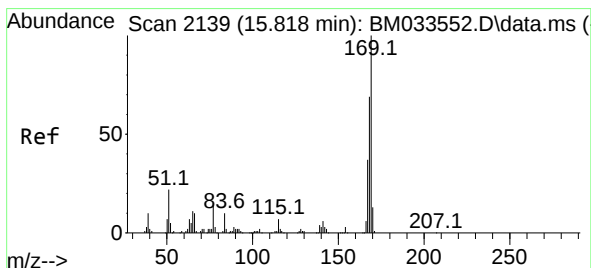
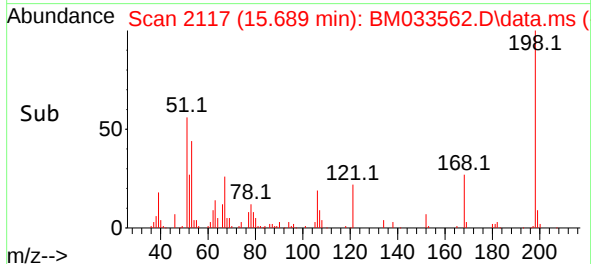
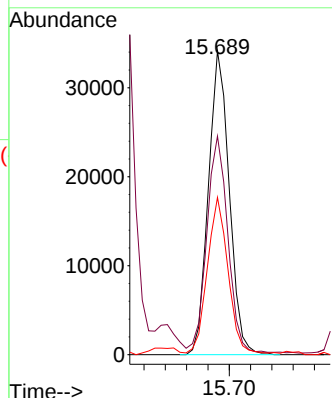
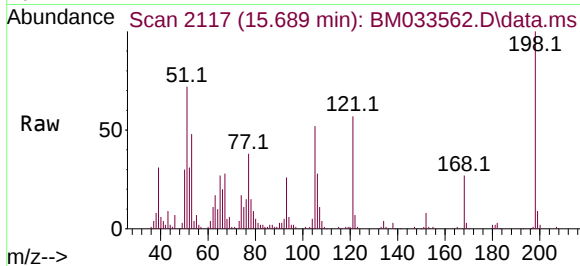




#65
4,6-Dinitro-2-methylphenol
Concen: 41.936 ng
RT: 15.689 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

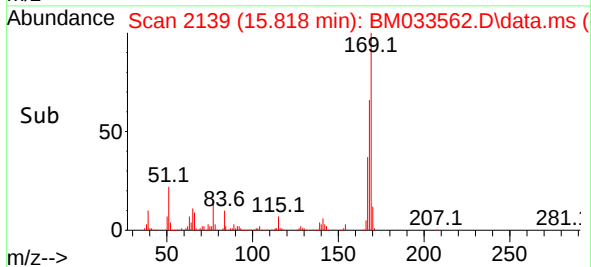
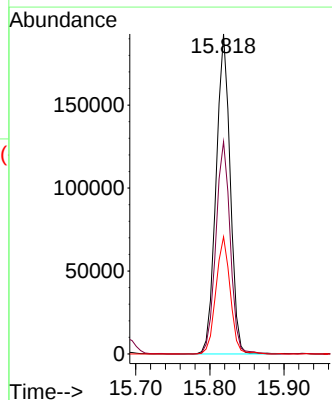
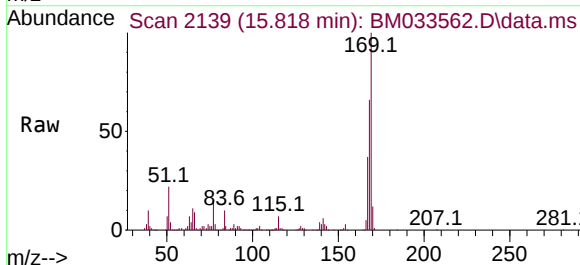
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

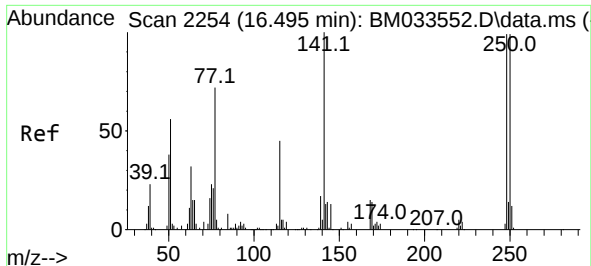
Tgt Ion	Ratio	Lower	Upper
198	100		
51	72.0	47.9	87.9
105	51.8	32.6	72.6



#66
n-Nitrosodiphenylamine
Concen: 51.992 ng
RT: 15.818 min Scan# 2139
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.3	52.5	78.7
167	36.6	28.4	42.6

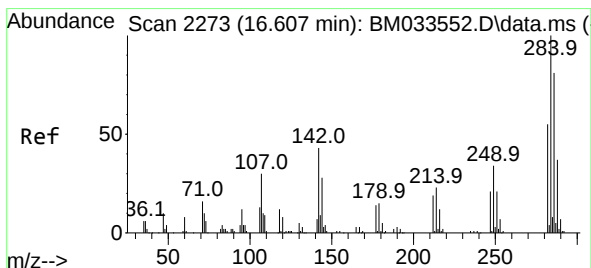
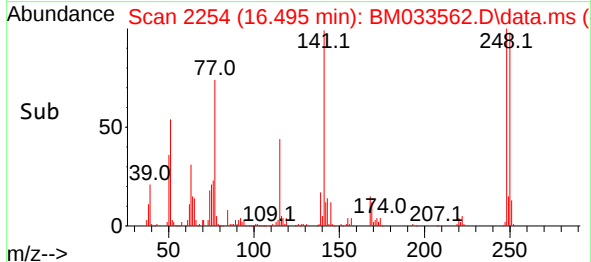
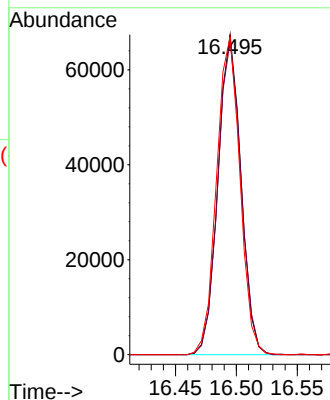
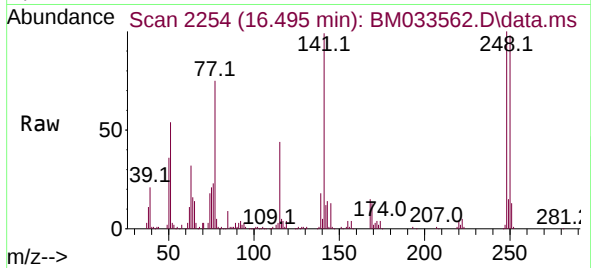




#67
4-Bromophenyl-phenylether
Concen: 49.477 ng
RT: 16.495 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

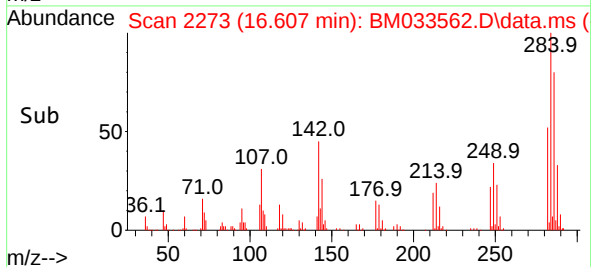
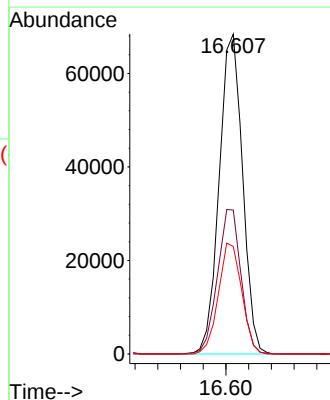
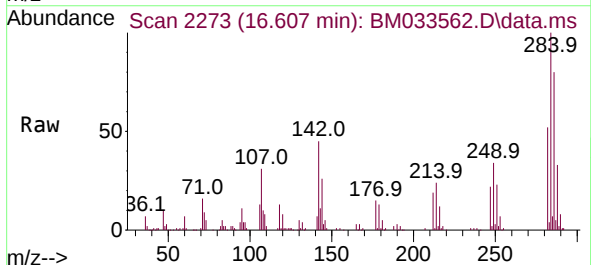
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

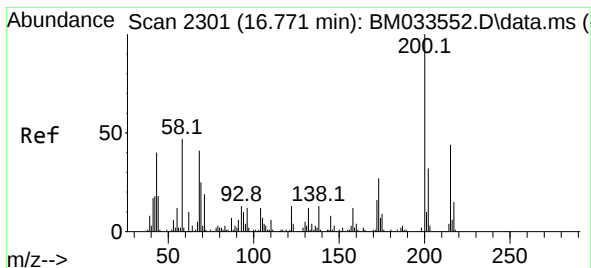
Tgt Ion:248 Resp: 88443
Ion Ratio Lower Upper
248 100
250 98.0 78.2 117.2
141 99.3 65.4 98.2#



#68
Hexachlorobenzene
Concen: 50.647 ng
RT: 16.607 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

Tgt Ion:284 Resp: 97663
Ion Ratio Lower Upper
284 100
142 44.9 33.1 49.7
249 33.6 27.3 40.9





#69

Atrazine

Concen: 80.113 ng

RT: 16.771 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM033562.D

Acq: 21 Dec 2021 20:02

Instrument :

BNA_M

ClientSampleId :

HB-2-(20-25)-12-17-21MSD

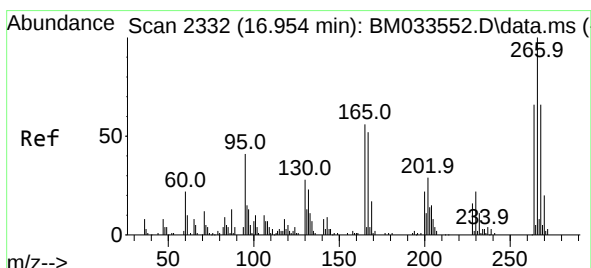
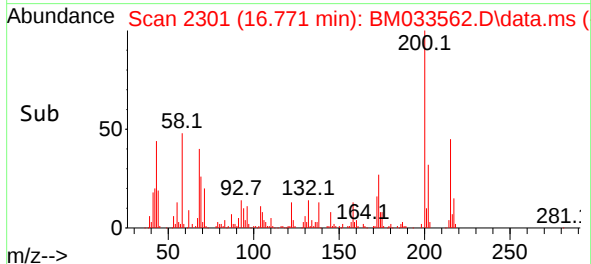
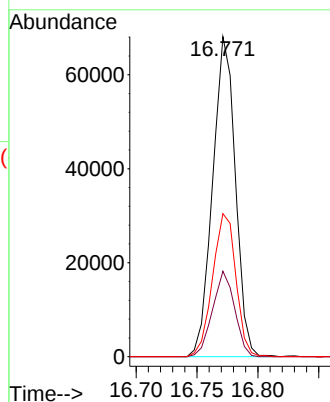
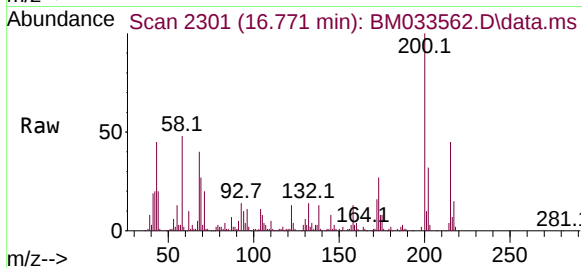
Tgt Ion:200 Resp: 88395

Ion Ratio Lower Upper

200 100

173 26.7 7.3 47.3

215 44.7 25.7 65.7



#70

Pentachlorophenol

Concen: 102.198 ng

RT: 16.954 min Scan# 2332

Delta R.T. 0.000 min

Lab File: BM033562.D

Acq: 21 Dec 2021 20:02

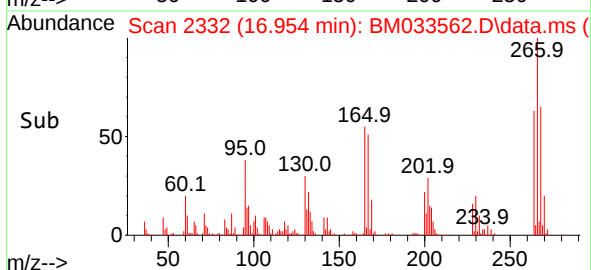
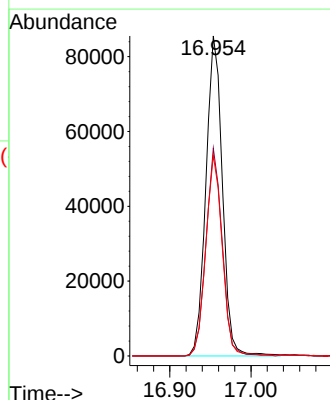
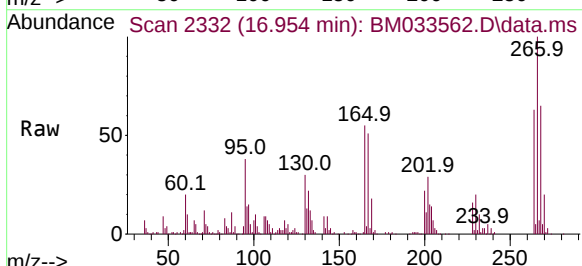
Tgt Ion:266 Resp: 120320

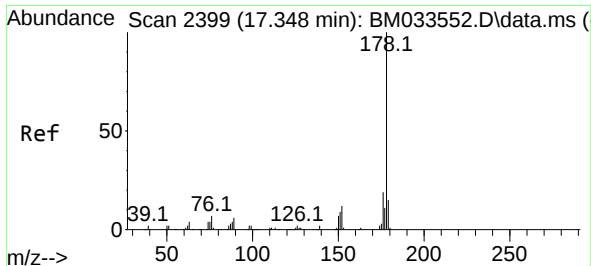
Ion Ratio Lower Upper

266 100

268 64.9 50.1 75.1

264 62.6 49.1 73.7

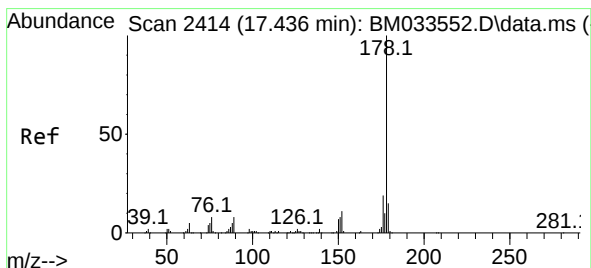
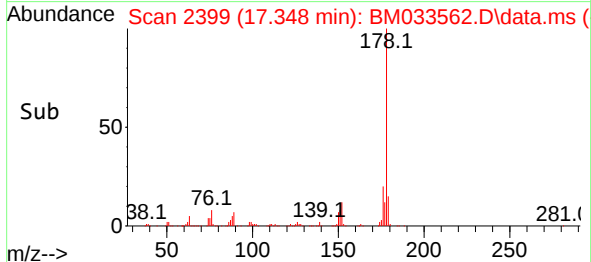
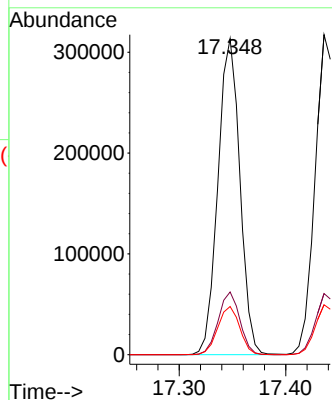
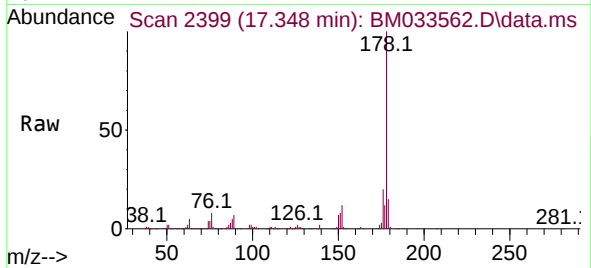




#71
Phenanthrene
Concen: 49.022 ng
RT: 17.348 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

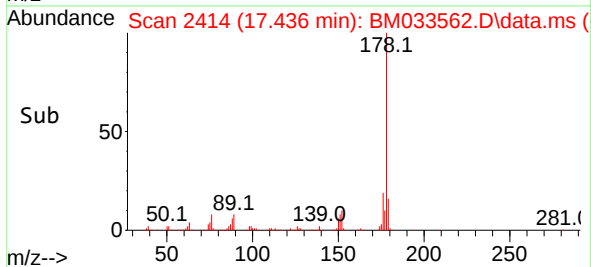
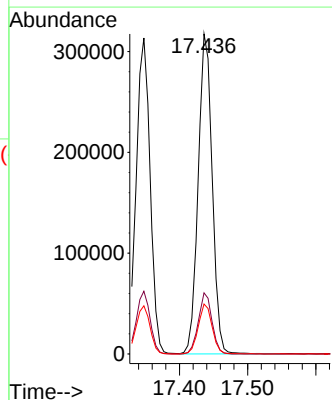
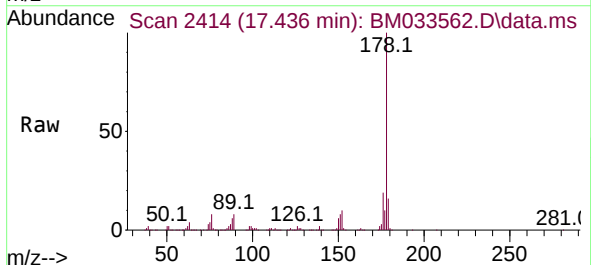
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

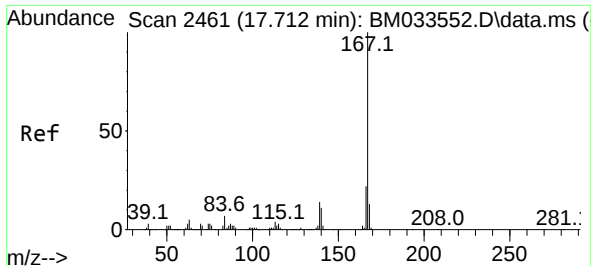
Tgt Ion:178 Resp: 447948
Ion Ratio Lower Upper
178 100
176 19.9 15.1 22.7
179 15.3 12.0 18.0



#72
Anthracene
Concen: 50.452 ng
RT: 17.436 min Scan# 2414
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

Tgt Ion:178 Resp: 453458
Ion Ratio Lower Upper
178 100
176 19.1 14.5 21.7
179 15.6 11.9 17.9

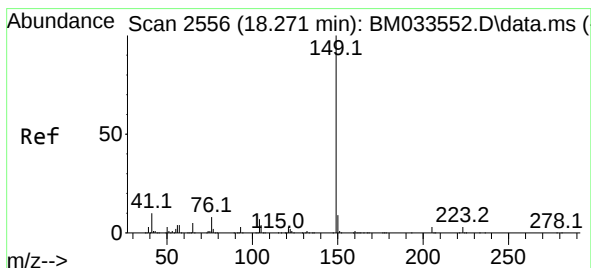
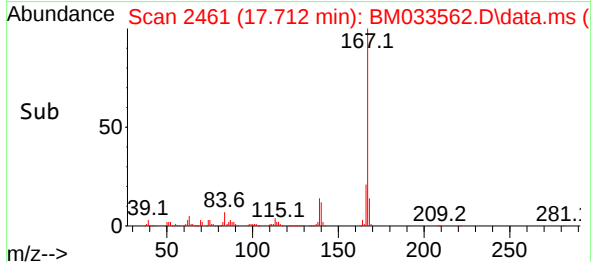
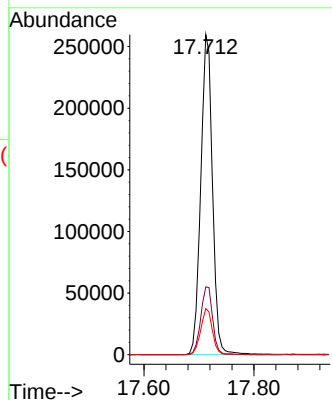
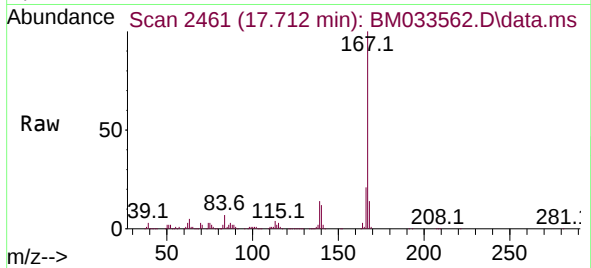




#73
 Carbazole
 Concen: 44.634 ng
 RT: 17.712 min Scan# 2461
 Delta R.T. 0.000 min
 Lab File: BM033562.D
 Acq: 21 Dec 2021 20:02

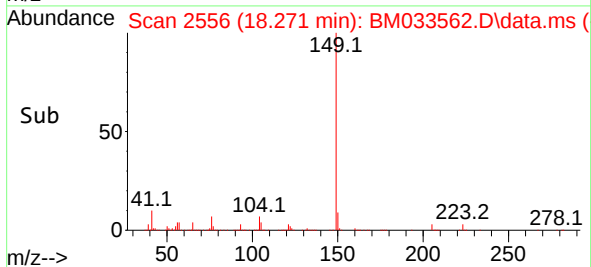
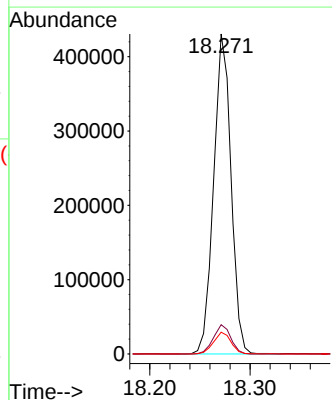
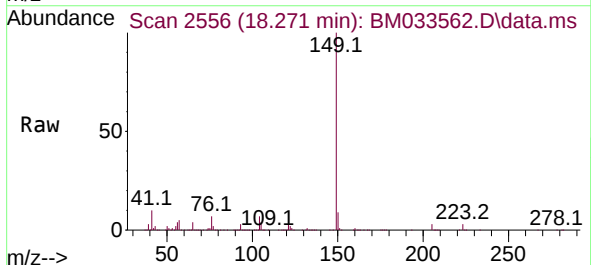
Instrument :
 BNA_M
 ClientSampleId :
 HB-2-(20-25)-12-17-21MSD

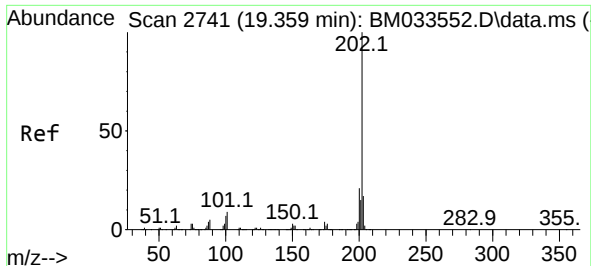
Tgt Ion:167 Resp: 384893
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.2 25.8
 139 14.4 11.0 16.4



#74
 Di-n-butylphthalate
 Concen: 48.406 ng
 RT: 18.271 min Scan# 2556
 Delta R.T. 0.000 min
 Lab File: BM033562.D
 Acq: 21 Dec 2021 20:02

Tgt Ion:149 Resp: 516598
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 6.8 4.6 6.8

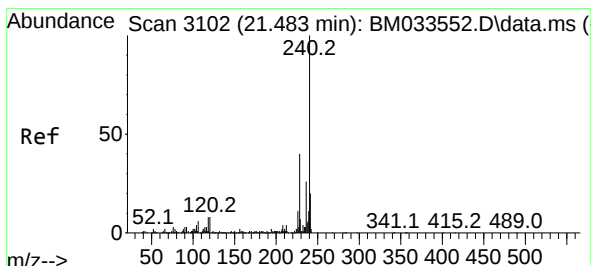
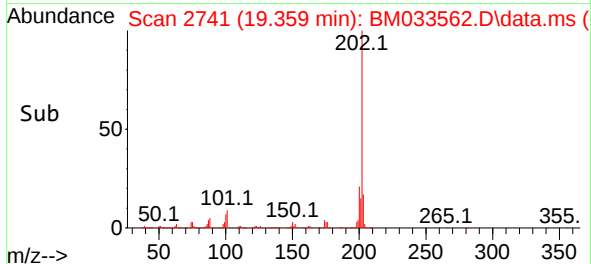
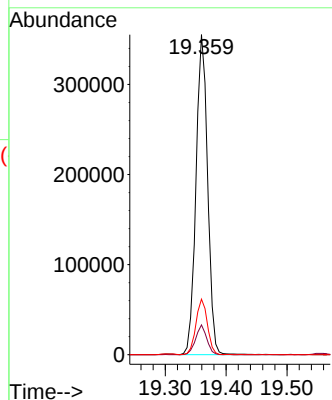
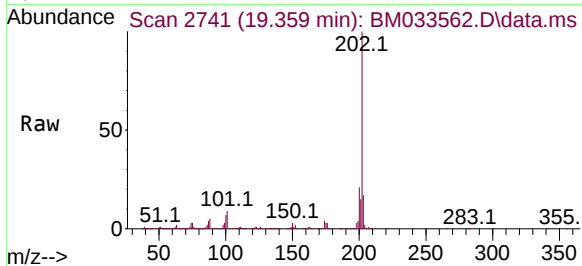




#75
Fluoranthene
Concen: 45.171 ng
RT: 19.359 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

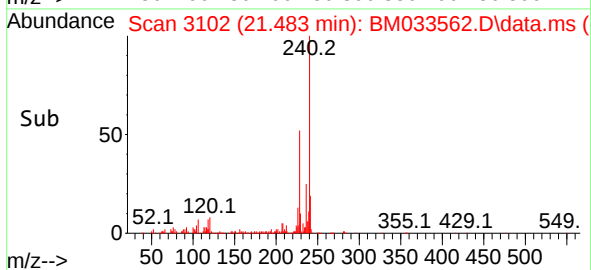
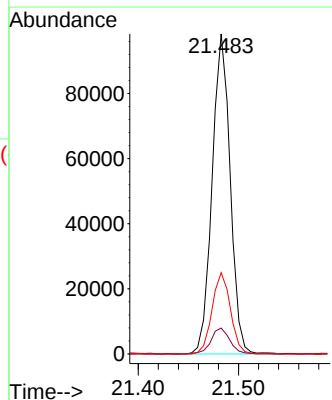
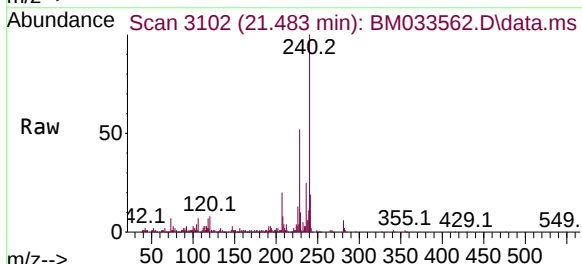
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

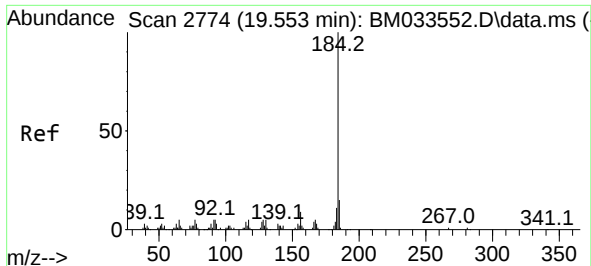
Tgt Ion:202 Resp: 472121
Ion Ratio Lower Upper
202 100
101 9.3 0.0 30.8
203 17.3 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.483 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

Tgt Ion:240 Resp: 122896
Ion Ratio Lower Upper
240 100
120 8.1 7.8 11.6
236 25.4 20.3 30.5

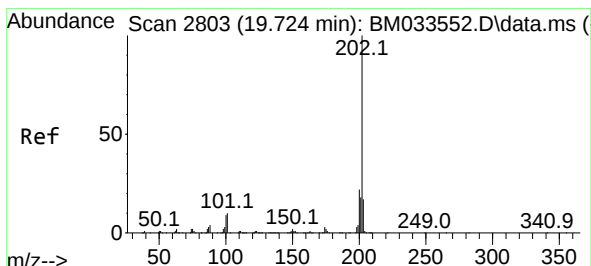
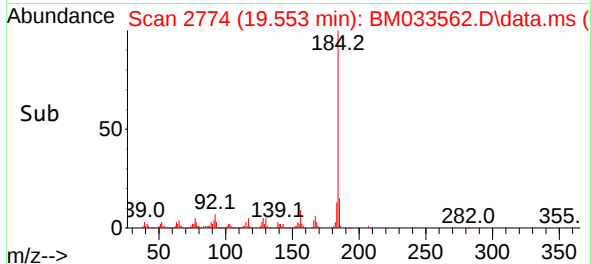
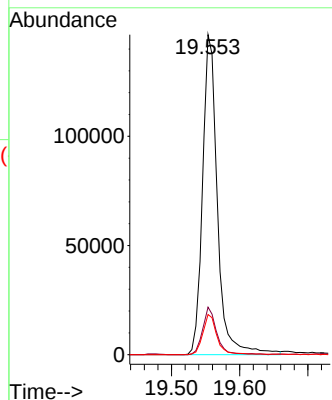
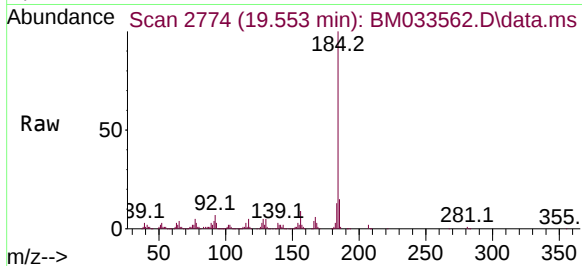




#77
Benzidine
Concen: 164.041 ng
RT: 19.553 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

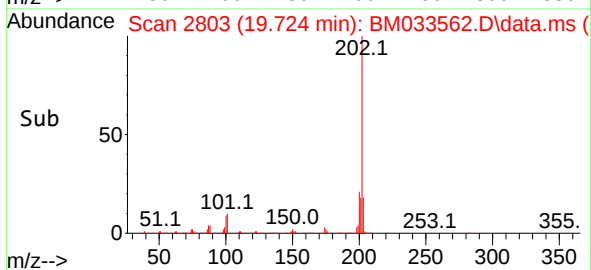
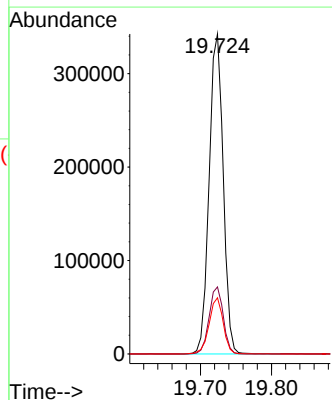
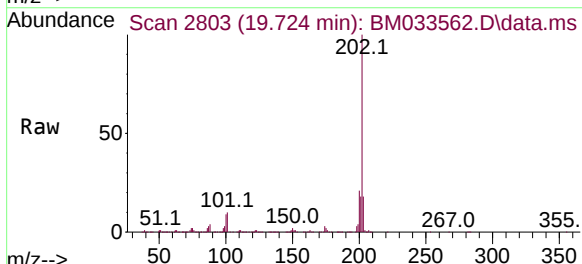
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

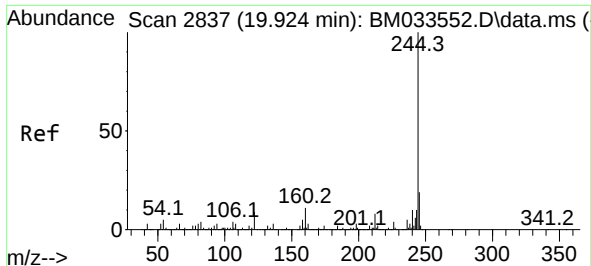
Tgt Ion:184 Resp: 222430
Ion Ratio Lower Upper
184 100
185 14.8 11.4 17.0
183 12.6 9.7 14.5



#78
Pyrene
Concen: 51.683 ng
RT: 19.724 min Scan# 2803
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

Tgt Ion:202 Resp: 471806
Ion Ratio Lower Upper
202 100
200 21.0 16.4 24.6
203 17.6 13.5 20.3

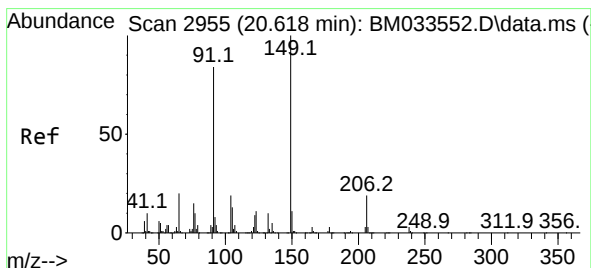
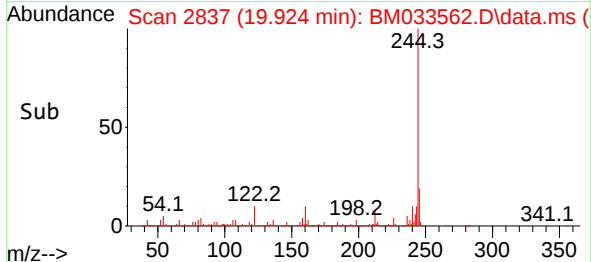
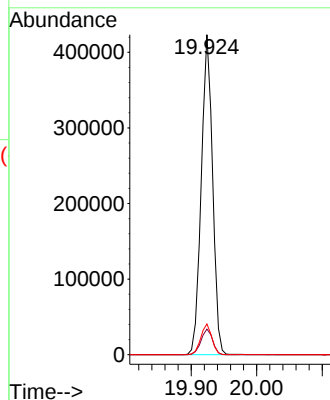
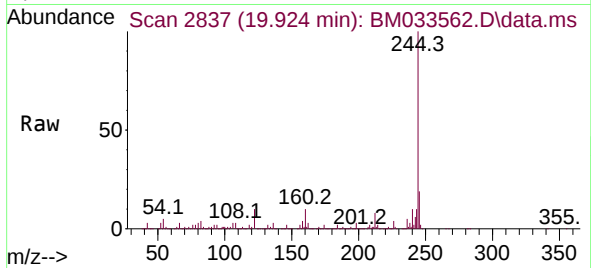




#79
 Terphenyl-d14
 Concen: 68.897 ng
 RT: 19.924 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM033562.D
 Acq: 21 Dec 2021 20:02

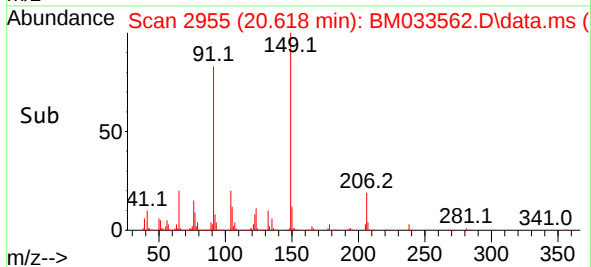
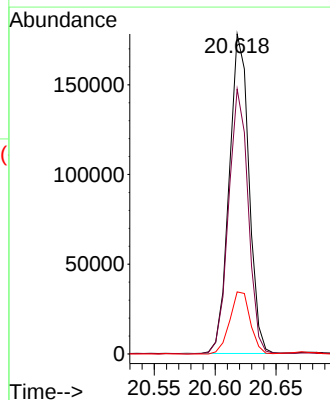
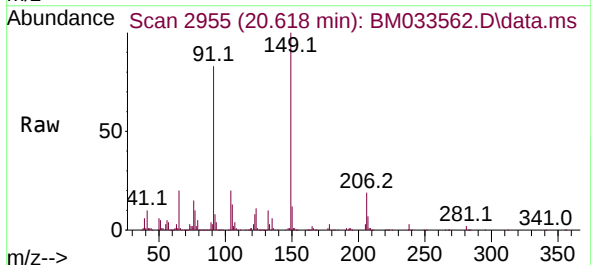
Instrument :
 BNA_M
 ClientSampleId :
 HB-2-(20-25)-12-17-21MSD

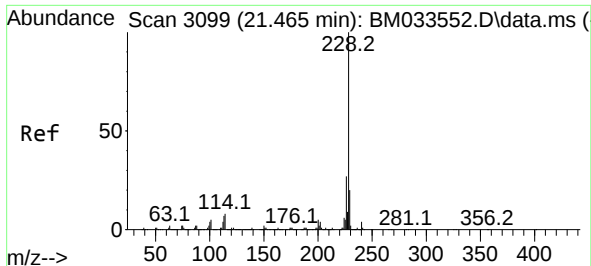
Tgt Ion:244 Resp: 509042
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.9 8.9
 122 9.6 8.4 12.6



#80
 Butylbenzylphthalate
 Concen: 50.343 ng
 RT: 20.618 min Scan# 2955
 Delta R.T. 0.000 min
 Lab File: BM033562.D
 Acq: 21 Dec 2021 20:02

Tgt Ion:149 Resp: 200461
 Ion Ratio Lower Upper
 149 100
 91 82.8 63.4 95.0
 206 19.4 16.8 25.2

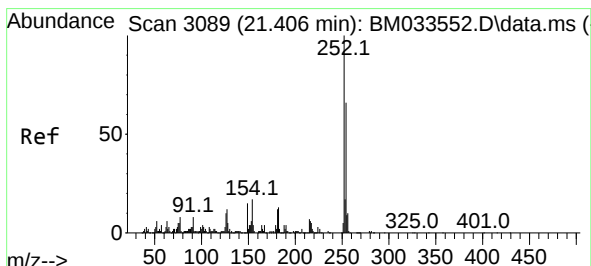
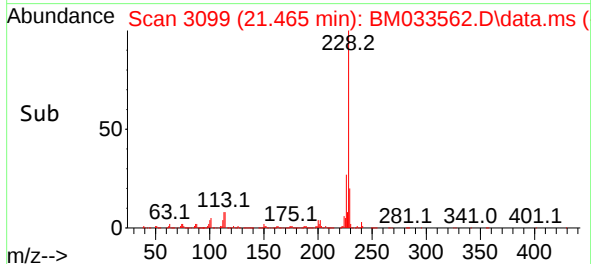
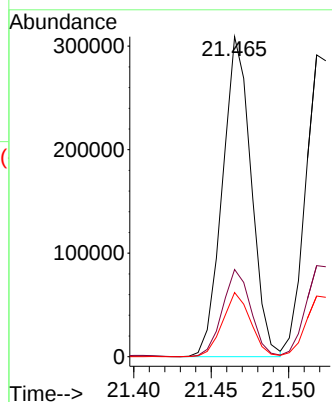
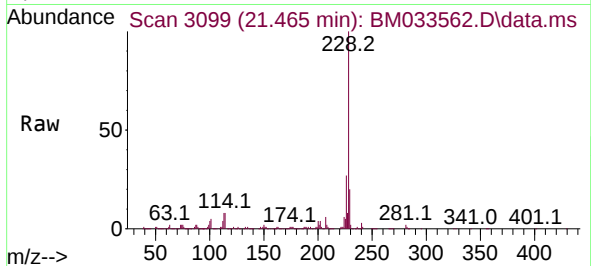




#81
Benzo(a)anthracene
Concen: 47.567 ng
RT: 21.465 min Scan# 3099
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

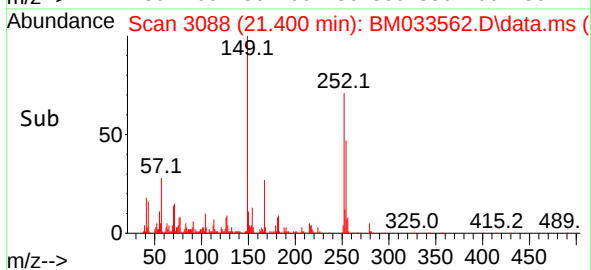
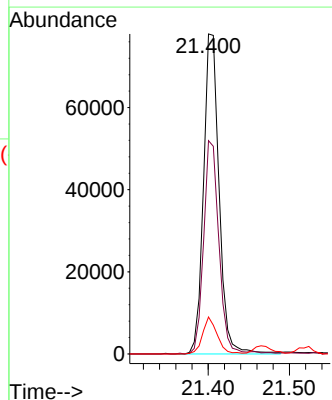
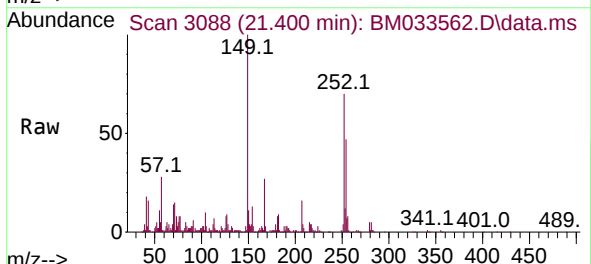
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

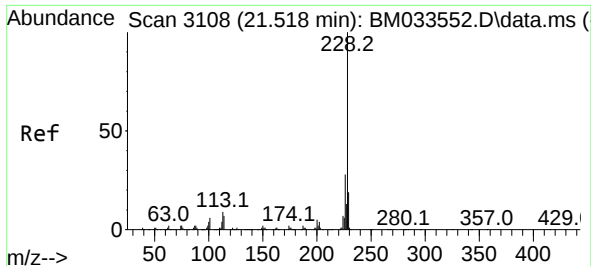
Tgt Ion:228 Resp: 398263
Ion Ratio Lower Upper
228 100
226 27.2 21.0 31.6
229 20.1 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 27.660 ng
RT: 21.400 min Scan# 3088
Delta R.T. -0.006 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

Tgt Ion:252 Resp: 104018
Ion Ratio Lower Upper
252 100
254 66.7 50.9 76.3
126 11.5 8.8 13.2

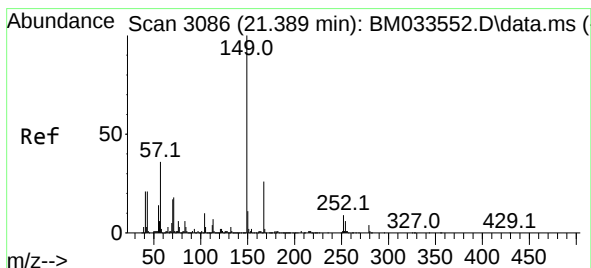
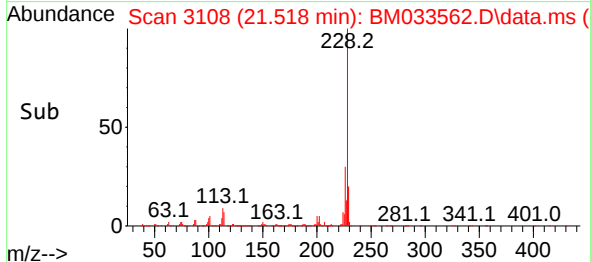
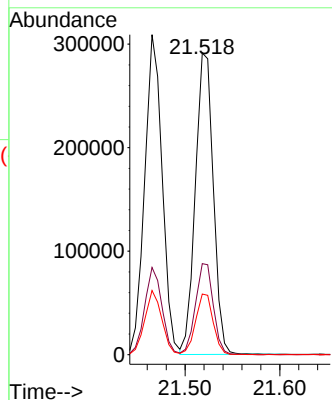
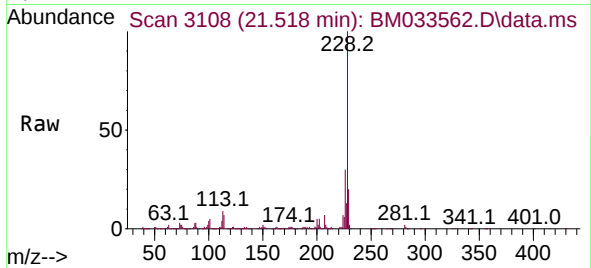




#83
Chrysene
Concen: 47.970 ng
RT: 21.518 min Scan# 3108
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

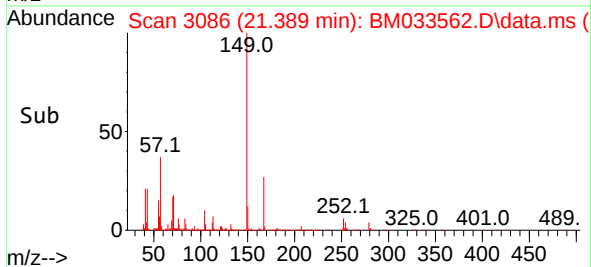
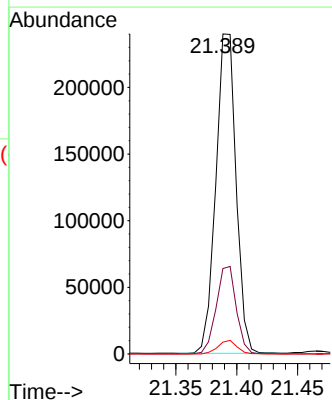
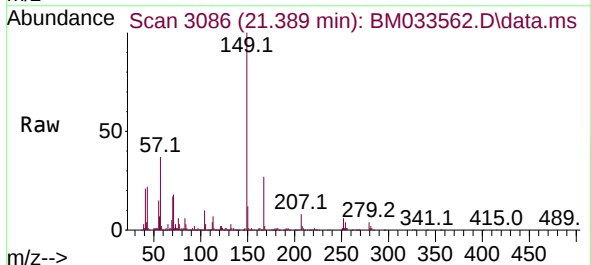
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

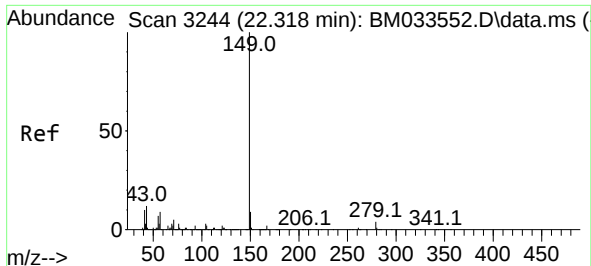
Tgt	Ion:228	Resp:	385185
Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.8	35.8
229	20.1	15.8	23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 50.462 ng
RT: 21.389 min Scan# 3086
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

Tgt Ion:149	Resp: 277170
Ion Ratio	Lower Upper
149 100	
167 26.7	21.4 32.0
279 3.7	3.0 4.6

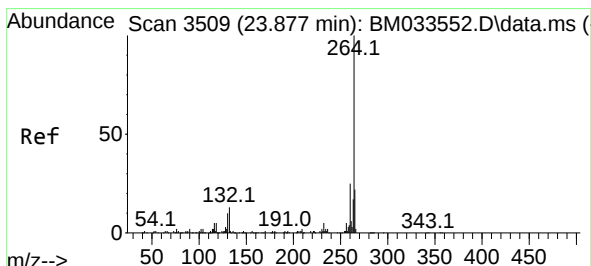
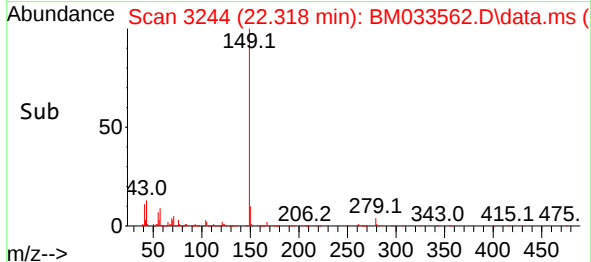
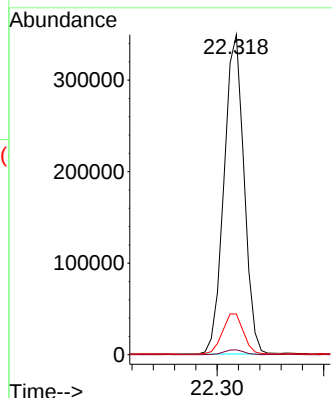
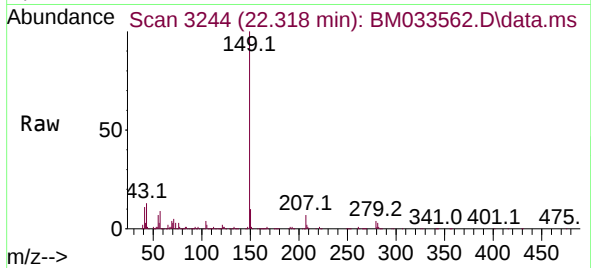




#85
Di-n-octyl phthalate
Concen: 50.691 ng
RT: 22.318 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

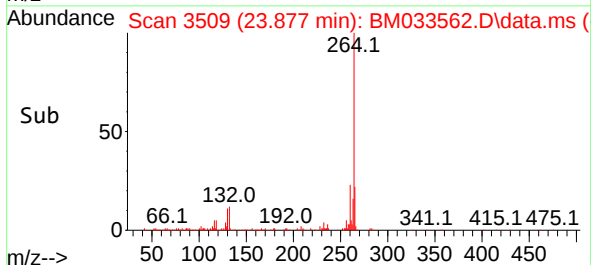
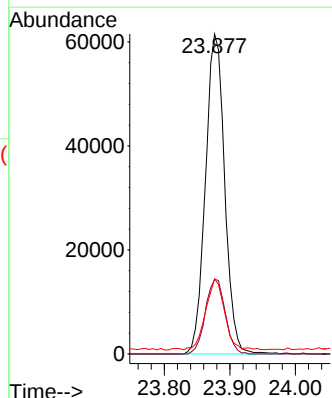
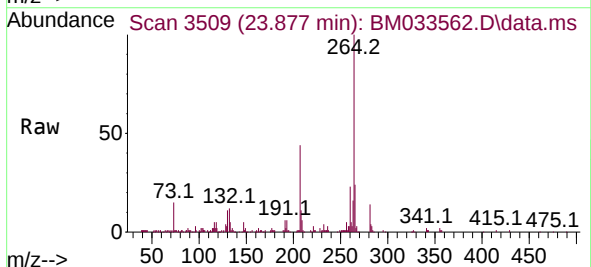
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

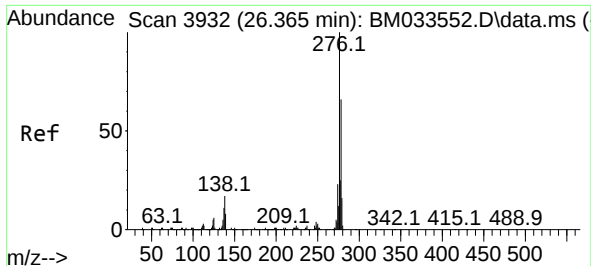
Tgt Ion:149 Resp: 455286
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.2 10.4 15.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.877 min Scan# 3509
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

Tgt Ion:264 Resp: 125545
Ion Ratio Lower Upper
264 100
260 23.3 17.7 26.5
265 23.5 17.7 26.5

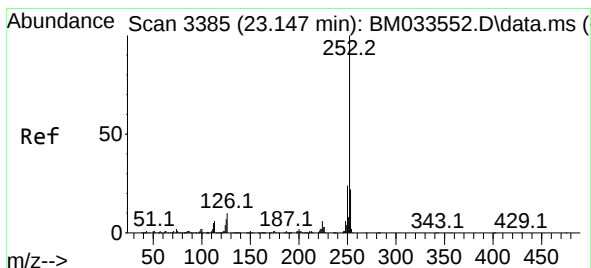
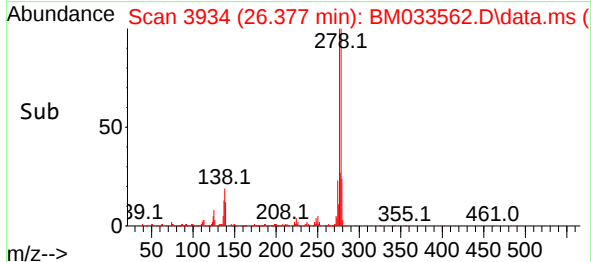
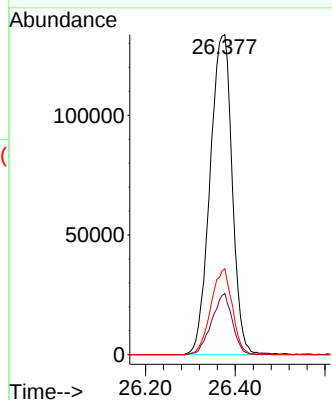
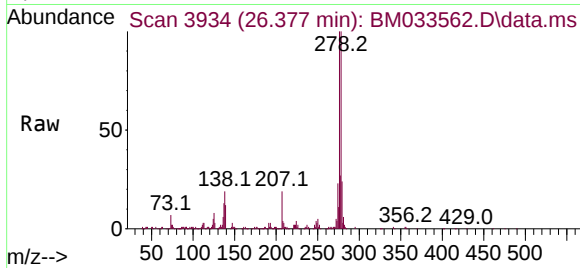




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 51.524 ng
 RT: 26.377 min Scan# 3934
 Delta R.T. 0.012 min
 Lab File: BM033562.D
 Acq: 21 Dec 2021 20:02

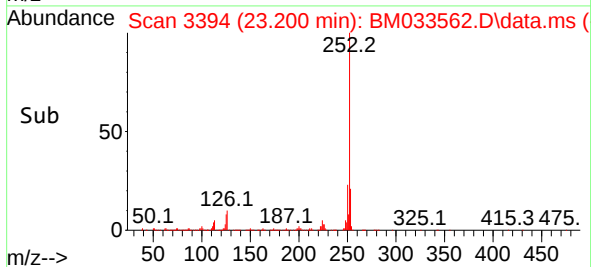
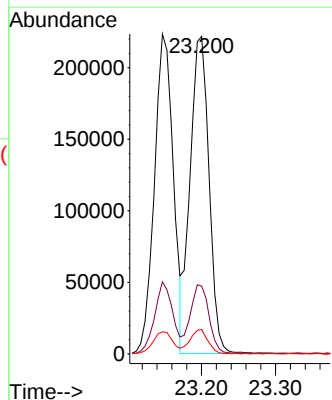
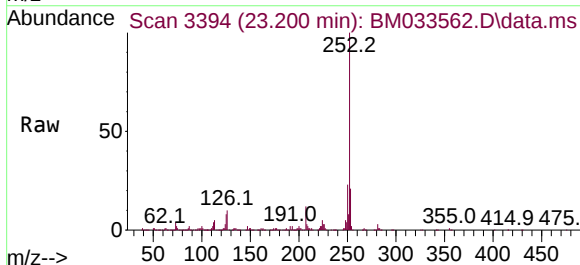
Instrument :
 BNA_M
 ClientSampleId :
 HB-2-(20-25)-12-17-21MSD

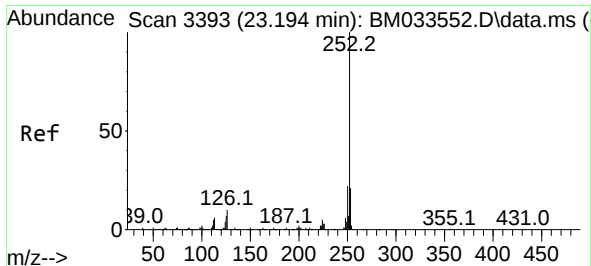
Tgt Ion:276 Resp: 458132
 Ion Ratio Lower Upper
 276 100
 138 17.9 18.7 28.1#
 277 26.0 20.2 30.4



#88
 Benzo(b)fluoranthene
 Concen: 48.833 ng
 RT: 23.200 min Scan# 3394
 Delta R.T. 0.053 min
 Lab File: BM033562.D
 Acq: 21 Dec 2021 20:02

Tgt Ion:252 Resp: 392686
 Ion Ratio Lower Upper
 252 100
 253 21.4 17.1 25.7
 125 7.7 7.4 11.2

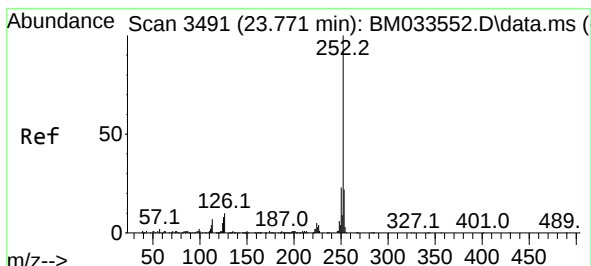
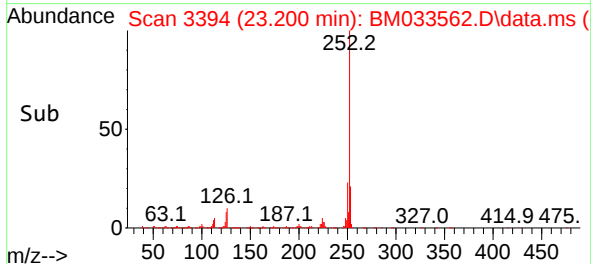
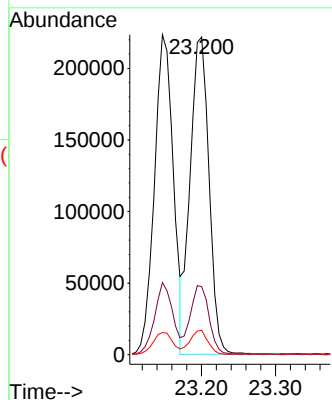
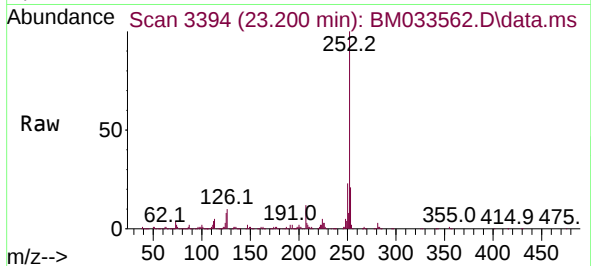




#89
Benzo(k)fluoranthene
Concen: 48.998 ng
RT: 23.200 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

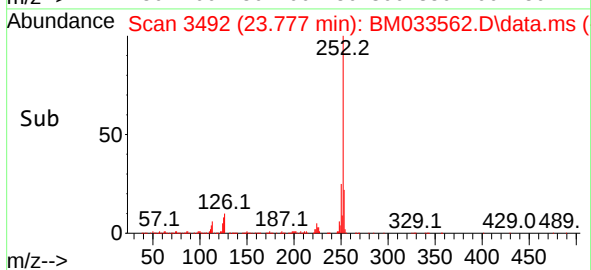
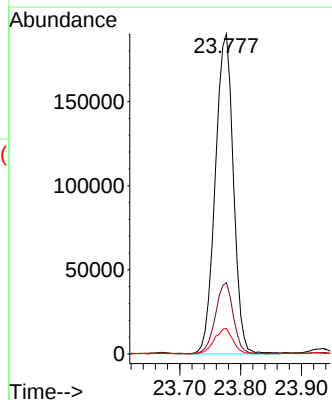
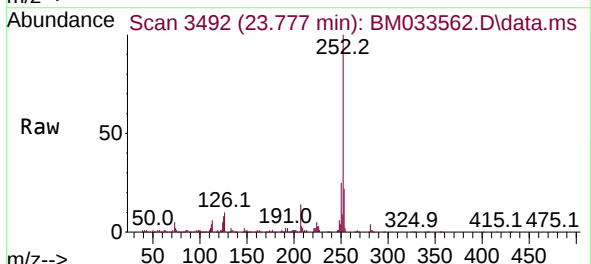
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

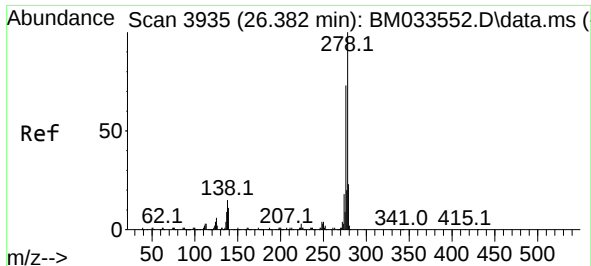
Tgt Ion:252 Resp: 392686
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.8
125 7.7 8.1 12.1#



#90
Benzo(a)pyrene
Concen: 58.164 ng
RT: 23.777 min Scan# 3492
Delta R.T. 0.006 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

Tgt Ion:252 Resp: 393762
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 8.0 7.8 11.8

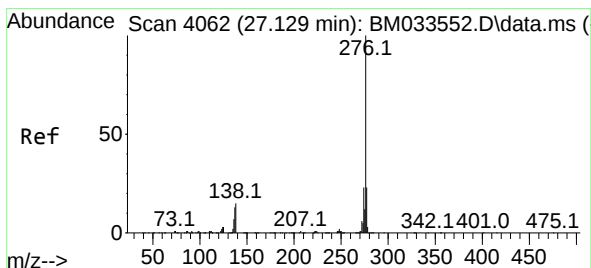
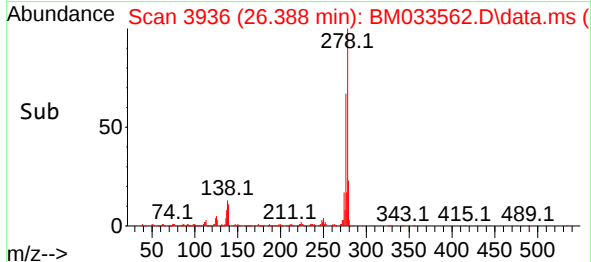
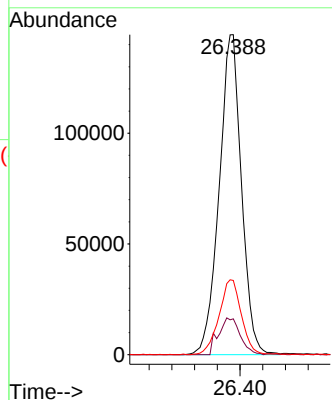
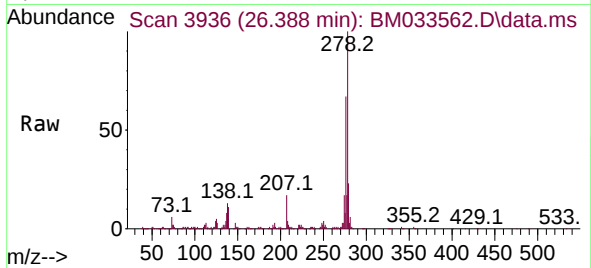




#91
Dibenzo(a,h)anthracene
Concen: 52.472 ng
RT: 26.388 min Scan# 3935
Delta R.T. 0.006 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

Tgt Ion:278 Resp: 393882
Ion Ratio Lower Upper
278 100
139 11.2 10.9 16.3
279 23.2 17.7 26.5



#92
Benzo(g,h,i)perylene
Concen: 53.025 ng
RT: 27.135 min Scan# 4063
Delta R.T. 0.006 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

Tgt Ion:276 Resp: 391982
Ion Ratio Lower Upper
276 100
277 23.3 19.1 28.7
138 14.1 14.8 22.2#

