

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110923\
 Data File : BM042670.D
 Acq On : 09 Nov 2023 13:51
 Operator : MA/JU
 Sample : PB156951BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB156974BS

Quant Time: Nov 09 14:50:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 13:21:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	36701	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	147613	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	93251	20.000	ng	0.00
64) Phenanthrene-d10	17.256	188	200967	20.000	ng	# 0.00
76) Chrysene-d12	21.438	240	179730	20.000	ng	# 0.00
86) Perylene-d12	23.815	264	183256	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	335189	147.395	ng	0.00
7) Phenol-d6	7.016	99	433256	138.917	ng	0.00
23) Nitrobenzene-d5	9.051	82	304895	96.286	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	197425	162.160	ng	0.00
45) 2-Fluorobiphenyl	13.121	172	638243	92.098	ng	0.00
79) Terphenyl-d14	19.874	244	1014653	95.724	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.228	88	38903	35.896	ng	# 93
3) Pyridine	3.651	79	88507	28.469	ng	# 91
4) n-Nitrosodimethylamine	3.581	42	91346	61.055	ng	# 67
6) Aniline	7.192	93	122749	30.963	ng	93
8) 2-Chlorophenol	7.404	128	109313	44.579	ng	97
9) Benzaldehyde	7.010	77	43877	24.410	ng	90
10) Phenol	7.039	94	144987	45.773	ng	84
11) bis(2-Chloroethyl)ether	7.286	93	106564	39.768	ng	95
12) 1,3-Dichlorobenzene	7.881	146	121981	46.029	ng	96
13) 1,4-Dichlorobenzene	7.881	146	121981	45.480	ng	98
14) 1,2-Dichlorobenzene	8.192	146	119067	45.982	ng	95
15) Benzyl Alcohol	8.110	79	113089	51.218	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.381	45	185091	43.405	ng	96
17) 2-Methylphenol	8.298	107	93404	41.646	ng	# 92
18) Hexachloroethane	8.904	117	53412	50.896	ng	93
19) n-Nitroso-di-n-propyla...	8.669	70	96808	43.878	ng	# 85
20) 3+4-Methylphenols	8.633	107	124382	41.481	ng	94
22) Acetophenone	8.698	105	173655	46.645	ng	# 88
24) Nitrobenzene	9.092	77	149431	47.912	ng	94
25) Isophorone	9.598	82	253193	45.175	ng	99
26) 2-Nitrophenol	9.792	139	56960	43.317	ng	# 86
27) 2,4-Dimethylphenol	9.833	122	103949	48.481	ng	89
28) bis(2-Chloroethoxy)met...	10.086	93	143341	42.451	ng	100
29) 2,4-Dichlorophenol	10.310	162	105749	49.845	ng	97
30) 1,2,4-Trichlorobenzene	10.516	180	120412	51.790	ng	99
31) Naphthalene	10.716	128	335636	44.009	ng	99
32) Benzoic acid	9.992	122	64219	37.782	ng	84
33) 4-Chloroaniline	10.857	127	91583	30.798	ng	94
34) Hexachlorobutadiene	10.933	225	83149	58.903	ng	97
35) Caprolactam	11.692	113	30482	40.893	ng	90
36) 4-Chloro-3-methylphenol	11.963	107	113351	46.947	ng	98
37) 2-Methylnaphthalene	12.321	142	235279	43.805	ng	96
38) 1-Methylnaphthalene	12.545	142	217606	43.043	ng	98
40) 1,2,4,5-Tetrachloroben...	12.674	216	141873	50.926	ng	99
41) Hexachlorocyclopentadiene	12.616	237	141265	84.236	ng	99
43) 2,4,6-Trichlorophenol	12.933	196	87955	49.293	ng	97

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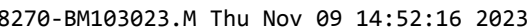
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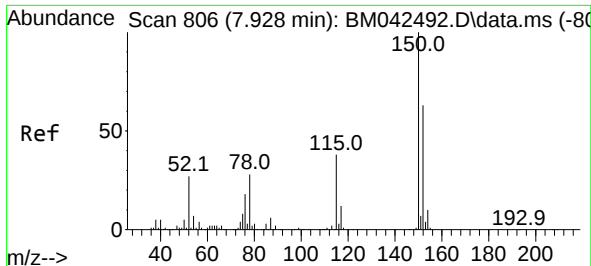
Quant Time: Nov 09 14:50:01 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.010	196	101594	47.847	ng	# 97
46) 1,1'-Biphenyl	13.339	154	317338	44.518	ng	99
47) 2-Chloronaphthalene	13.386	162	241808	46.241	ng	100
48) 2-Nitroaniline	13.627	65	90771	43.486	ng	93
49) Acenaphthylene	14.233	152	383814	44.317	ng	99
50) Dimethylphthalate	13.974	163	304586	43.702	ng	99
51) 2,6-Dinitrotoluene	14.121	165	64792	45.107	ng	87
52) Acenaphthene	14.568	154	229254	43.616	ng	99
53) 3-Nitroaniline	14.462	138	49717	32.418	ng	98
54) 2,4-Dinitrophenol	14.668	184	71643	71.229	ng	88
55) Dibenzofuran	14.904	168	387361	45.327	ng	98
56) 4-Nitrophenol	14.757	139	95663	73.873	ng	# 78
57) 2,4-Dinitrotoluene	14.904	165	91925	42.708	ng	# 84
58) Fluorene	15.551	166	315745	45.664	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.121	232	90699	50.714	ng	97
60) Diethylphthalate	15.321	149	303572	42.993	ng	100
61) 4-Chlorophenyl-phenyle...	15.545	204	167828	48.044	ng	99
62) 4-Nitroaniline	15.627	138	51295	37.129	ng	# 78
63) Azobenzene	15.839	77	364552	46.852	ng	91
65) 4,6-Dinitro-2-methylph...	15.657	198	52138	41.285	ng	91
66) n-Nitrosodiphenylamine	15.774	169	258512	45.621	ng	98
67) 4-Bromophenyl-phenylether	16.439	248	97490	48.514	ng	98
68) Hexachlorobenzene	16.521	284	116503	52.405	ng	98
69) Atrazine	16.721	200	59057	36.068	ng	98
70) Pentachlorophenol	16.886	266	144326	88.305	ng	99
71) Phenanthrene	17.298	178	469698	44.723	ng	100
72) Anthracene	17.386	178	466911	44.885	ng	99
73) Carbazole	17.680	167	397738	46.999	ng	99
74) Di-n-butylphthalate	18.198	149	509236	42.851	ng	99
75) Fluoranthene	19.315	202	544747	44.156	ng	97
77) Benzidine	19.533	184	149813	86.897	ng	99
78) Pyrene	19.680	202	571565	46.313	ng	99
80) Butylbenzylphthalate	20.562	149	219704	41.681	ng	94
81) Benzo(a)anthracene	21.421	228	523946	45.818	ng	99
82) 3,3'-Dichlorobenzidine	21.368	252	189785	52.220	ng	99
83) Chrysene	21.474	228	501686	43.189	ng	100
84) Bis(2-ethylhexyl)phtha...	21.309	149	311691	39.126	ng	98
85) Di-n-octyl phthalate	22.221	149	526760	38.416	ng	95
87) Indeno(1,2,3-cd)pyrene	26.291	276	620274	56.870	ng	# 92
88) Benzo(b)fluoranthene	23.080	252	504232	49.388	ng	98
89) Benzo(k)fluoranthene	23.127	252	541521	47.600	ng	# 96
90) Benzo(a)pyrene	23.709	252	453837	45.151	ng	# 96
91) Dibenzo(a,h)anthracene	26.309	278	525145	51.796	ng	# 94
92) Benzo(g,h,i)perylene	27.062	276	535701	55.727	ng	# 95

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

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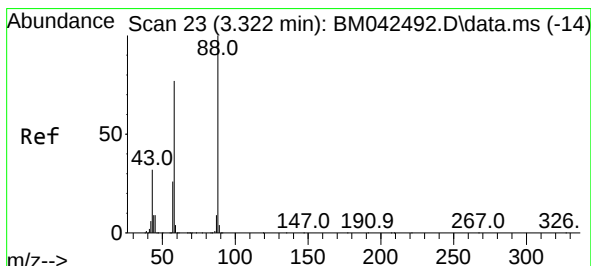
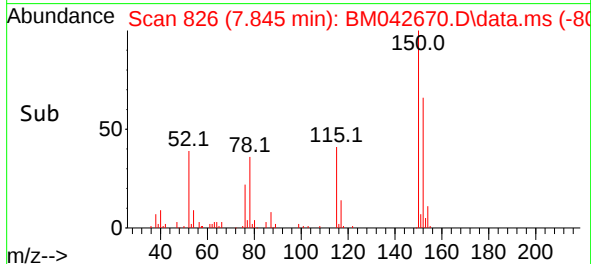
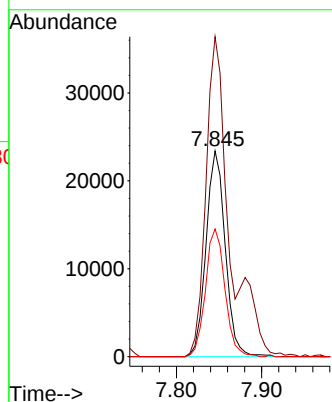
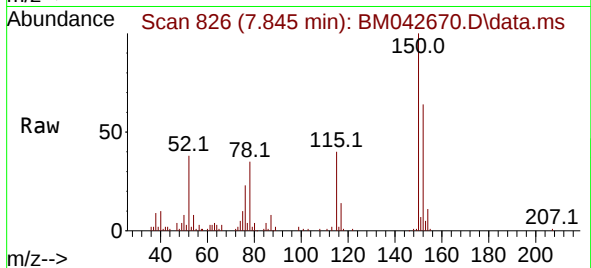




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.845 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM042670.D
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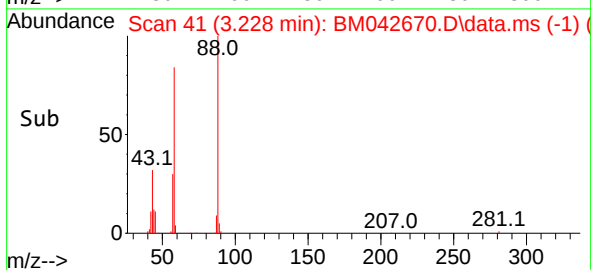
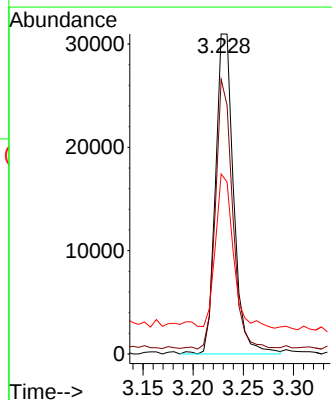
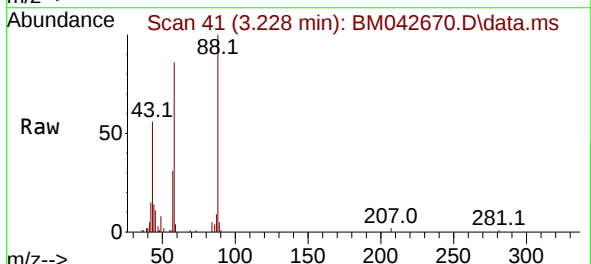
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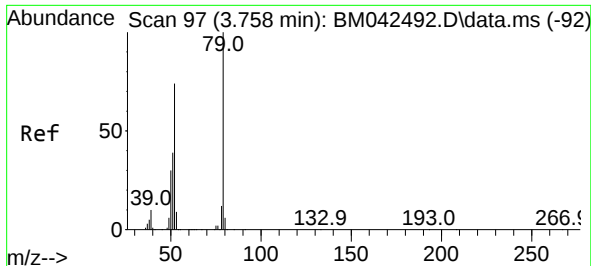
Tgt Ion:152 Resp: 36701
Ion Ratio Lower Upper
152 100
150 155.6 127.4 191.0
115 62.0 47.9 71.9



#2
1,4-Dioxane
Concen: 35.896 ng
RT: 3.228 min Scan# 41
Delta R.T. -0.000 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

Tgt Ion: 88 Resp: 38903
Ion Ratio Lower Upper
88 100
58 78.4 62.6 93.8
43 46.8 26.5 39.7#

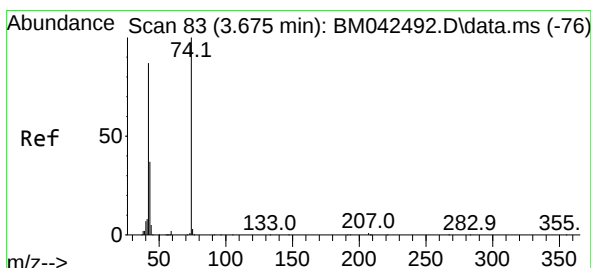
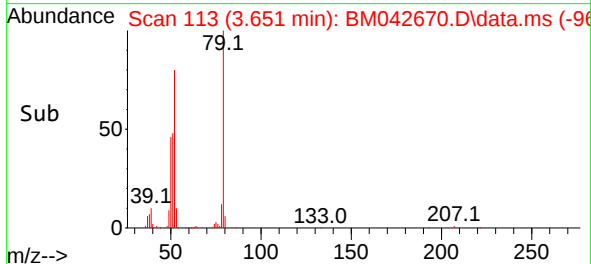
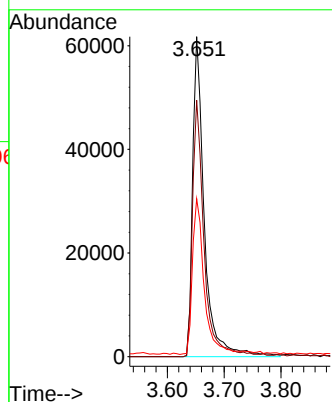
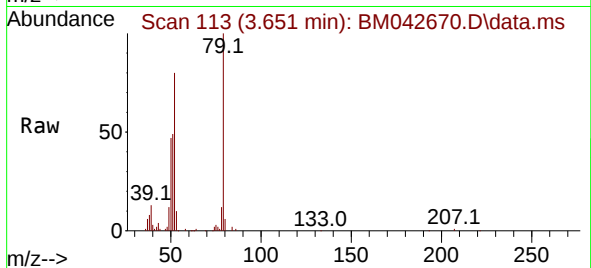




#3
Pyridine
Concen: 28.469 ng
RT: 3.651 min Scan# 113
Delta R.T. -0.000 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

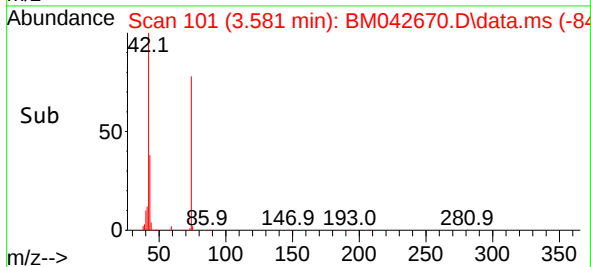
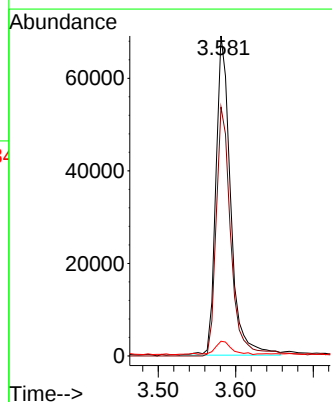
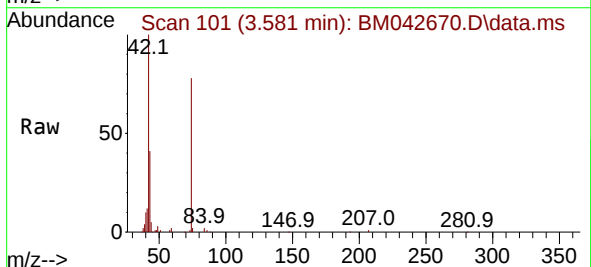
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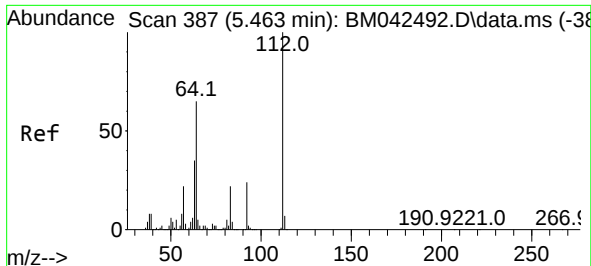
Tgt Ion: 79 Resp: 88507
Ion Ratio Lower Upper
79 100
52 80.2 59.3 88.9
51 49.4 32.7 49.1#



#4
n-Nitrosodimethylamine
Concen: 61.055 ng
RT: 3.581 min Scan# 101
Delta R.T. -0.000 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

Tgt Ion: 42 Resp: 91346
Ion Ratio Lower Upper
42 100
74 77.8 92.2 138.2#
44 4.6 5.1 7.7#

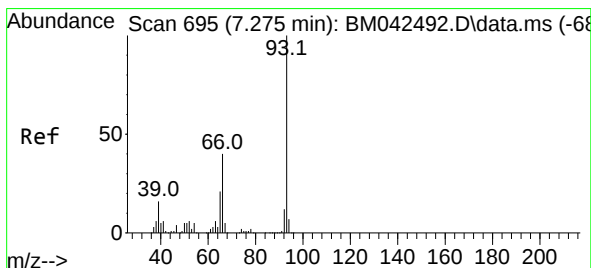
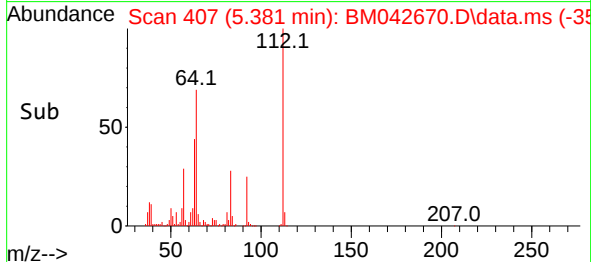
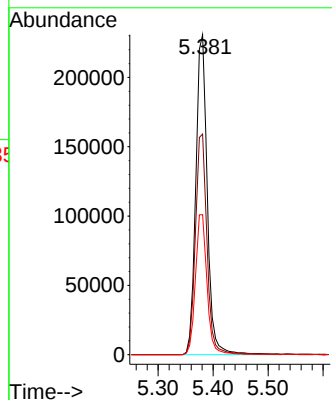
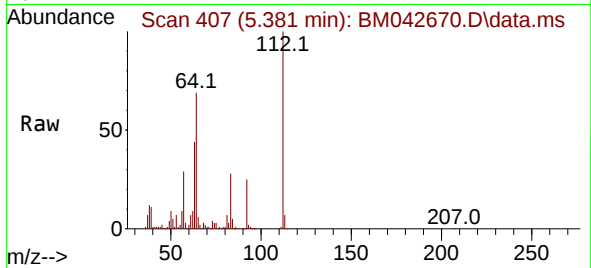




#5
2-Fluorophenol
Concen: 147.395 ng
RT: 5.381 min Scan# 407
Delta R.T. 0.006 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

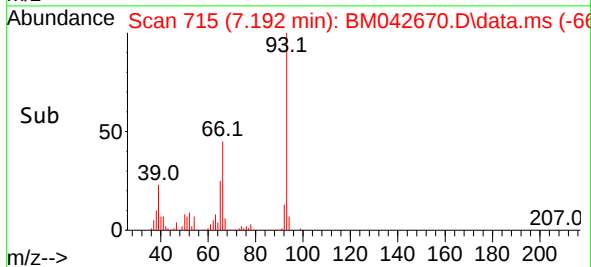
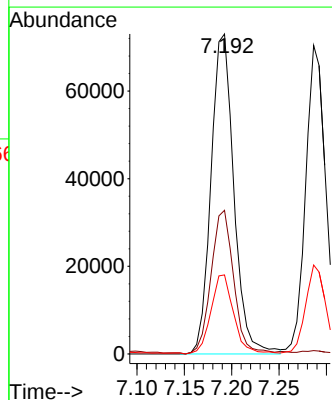
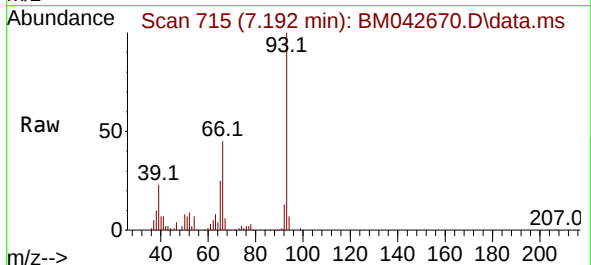
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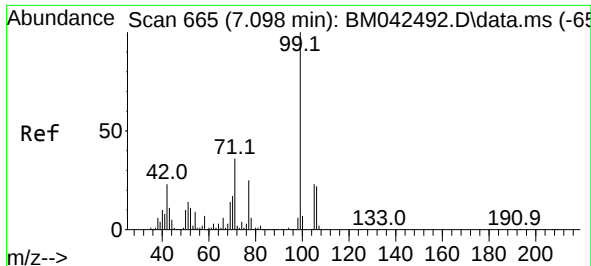
Tgt Ion:112 Resp: 335189
Ion Ratio Lower Upper
112 100
64 69.0 52.1 78.1
63 43.8 28.3 42.5#



#6
Aniline
Concen: 30.963 ng
RT: 7.192 min Scan# 715
Delta R.T. -0.000 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

Tgt Ion: 93 Resp: 122749
Ion Ratio Lower Upper
93 100
66 44.9 32.2 48.2
65 24.7 17.0 25.6

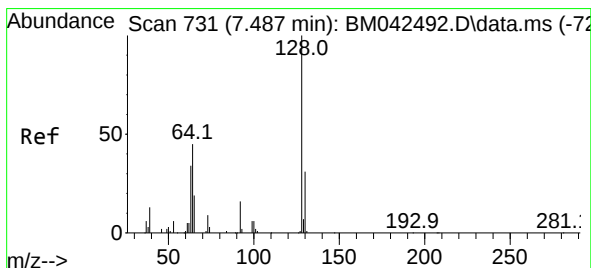
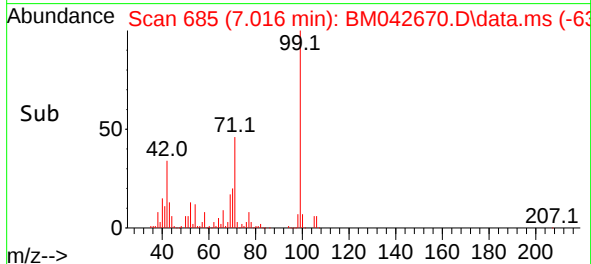
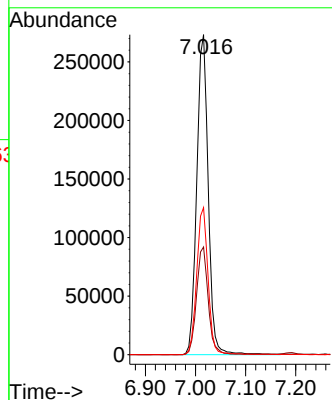
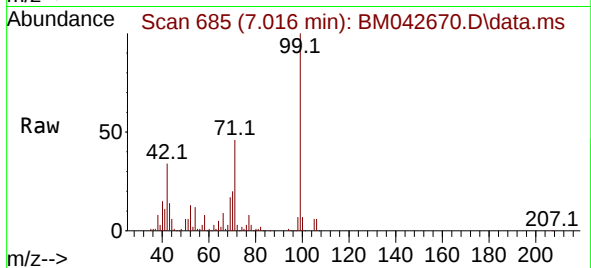




#7
Phenol-d6
Concen: 138.917 ng
RT: 7.016 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

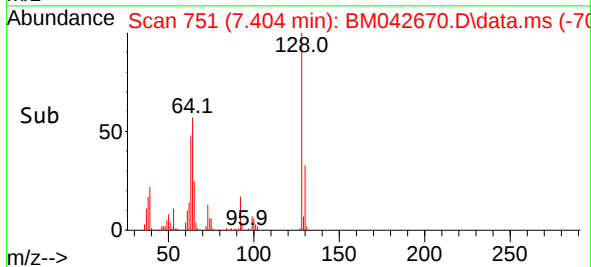
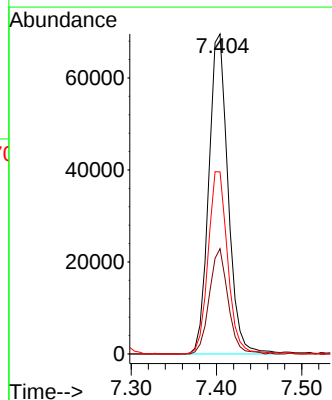
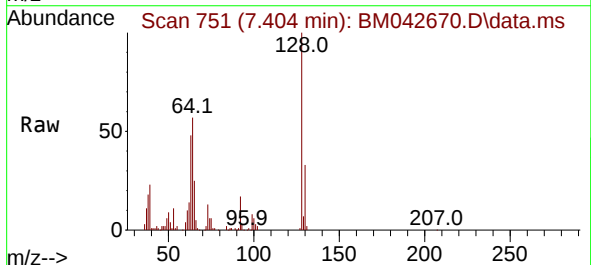
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Tgt Ion: 99 Resp: 433256
Ion Ratio Lower Upper
99 100
42 33.7 18.7 28.1#
71 46.0 29.1 43.7#



#8
2-Chlorophenol
Concen: 44.579 ng
RT: 7.404 min Scan# 751
Delta R.T. -0.000 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

Tgt Ion:128 Resp: 109313
Ion Ratio Lower Upper
128 100
130 32.9 11.2 51.2
64 56.9 34.4 74.4

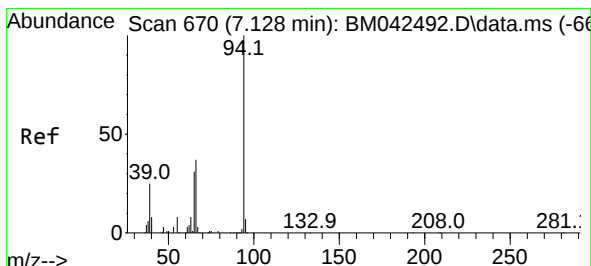
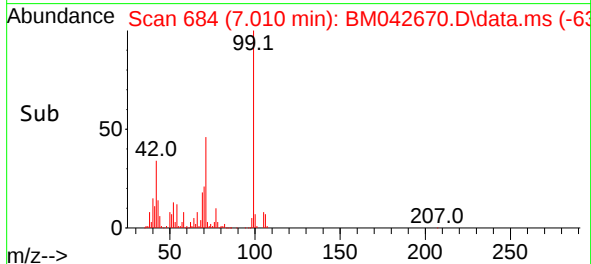
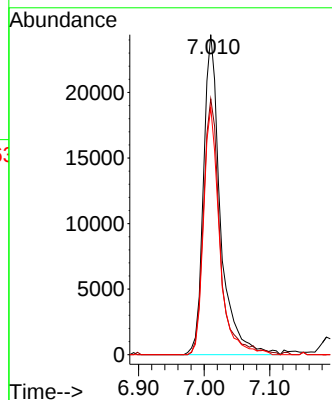
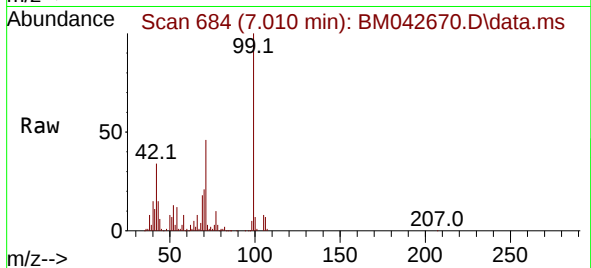




#9
Benzaldehyde
Concen: 24.410 ng
RT: 7.010 min Scan# 610
Delta R.T. -0.000 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

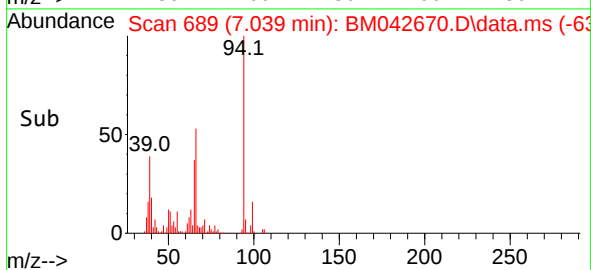
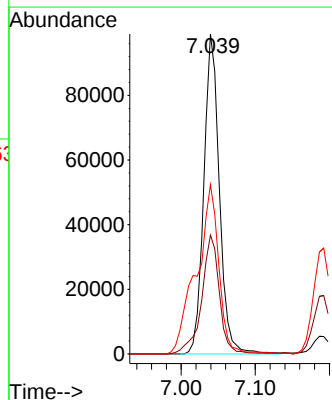
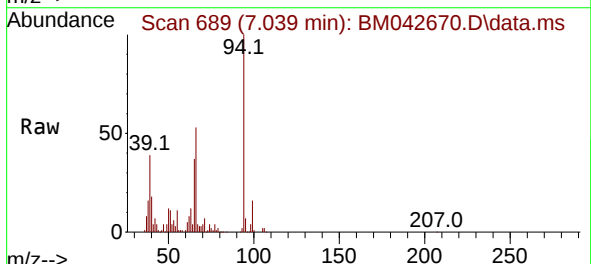
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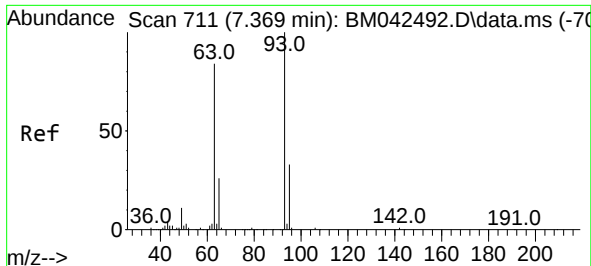
Tgt Ion: 77 Resp: 43877
Ion Ratio Lower Upper
77 100
105 80.0 69.7 109.7
106 77.3 66.4 106.4



#10
Phenol
Concen: 45.773 ng
RT: 7.039 min Scan# 689
Delta R.T. -0.000 min
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Tgt Ion: 94 Resp: 144987
Ion Ratio Lower Upper
94 100
65 37.2 11.5 51.5
66 52.9 20.0 60.0

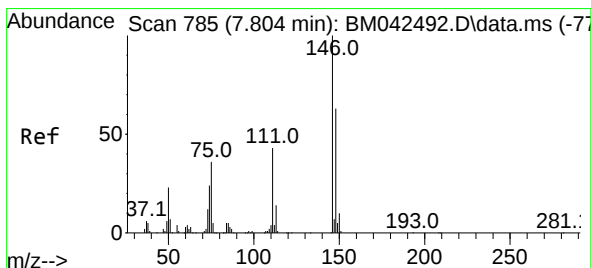
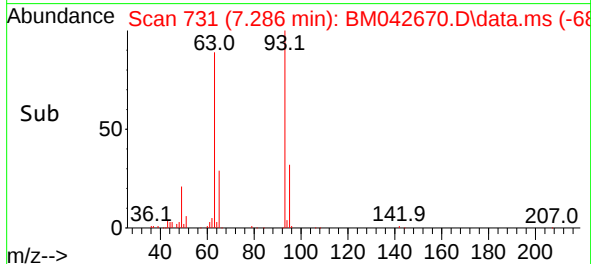
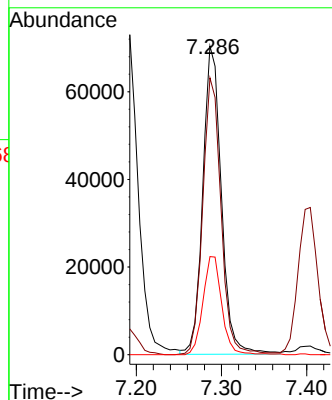
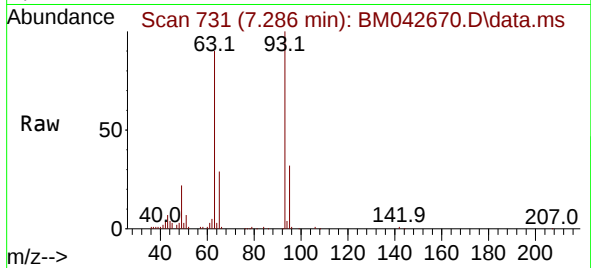




#11
bis(2-Chloroethyl)ether
Concen: 39.768 ng
RT: 7.286 min Scan# 711
Delta R.T. -0.000 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

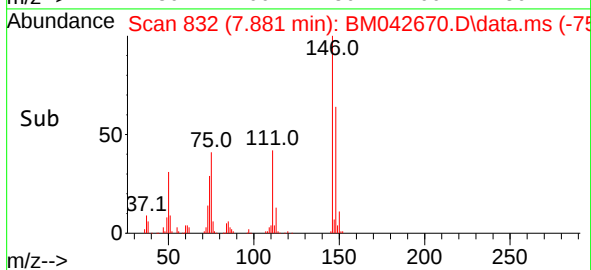
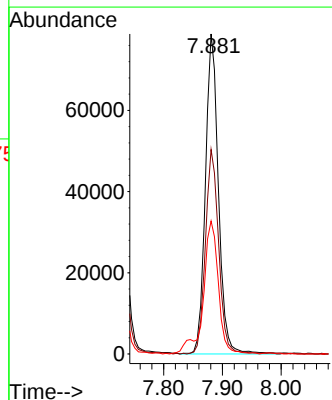
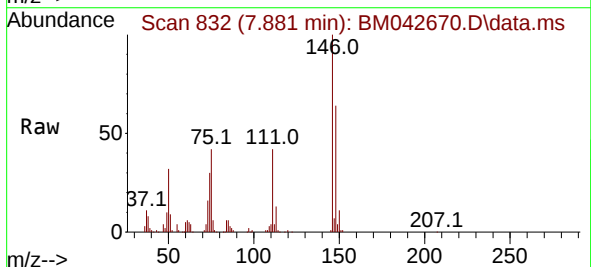
Instrument :
BNA_M
ClientSampleId :
PB156974BS

Tgt Ion: 93 Resp: 106564
Ion Ratio Lower Upper
93 100
63 89.7 63.2 103.2
95 31.8 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 46.029 ng
RT: 7.881 min Scan# 832
Delta R.T. 0.159 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

Tgt Ion: 146 Resp: 121981
Ion Ratio Lower Upper
146 100
148 63.9 50.4 75.6
75 41.6 28.9 43.3

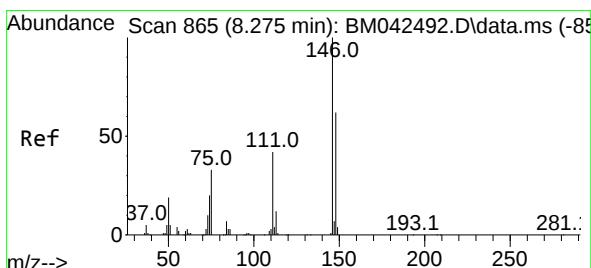
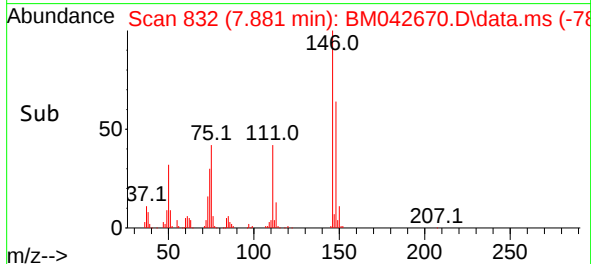
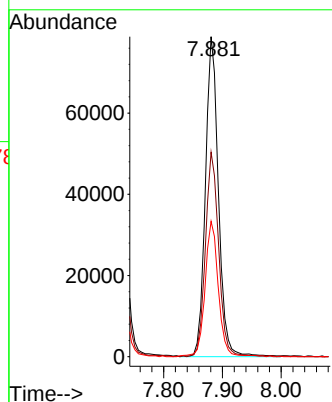
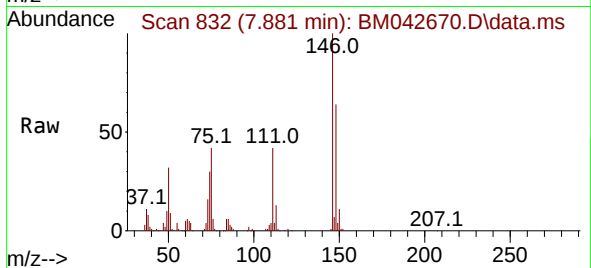




#13
1,4-Dichlorobenzene
Concen: 45.480 ng
RT: 7.881 min Scan# 812
Delta R.T. -0.000 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

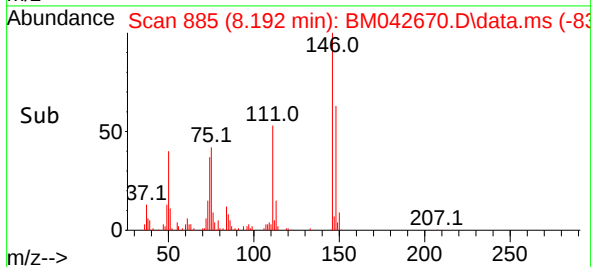
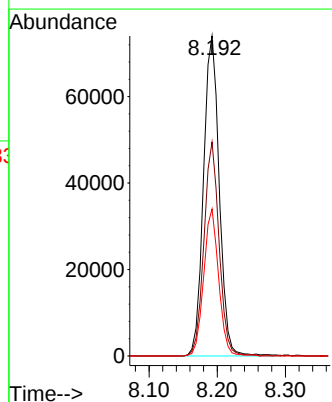
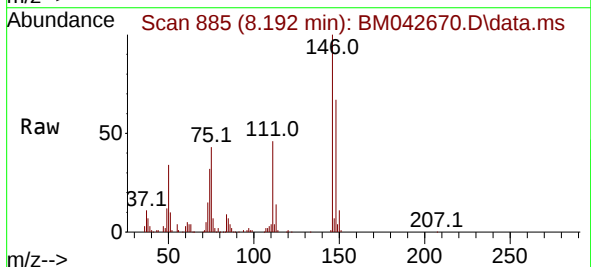
Instrument :
BNA_M
ClientSampleId :
PB156974BS

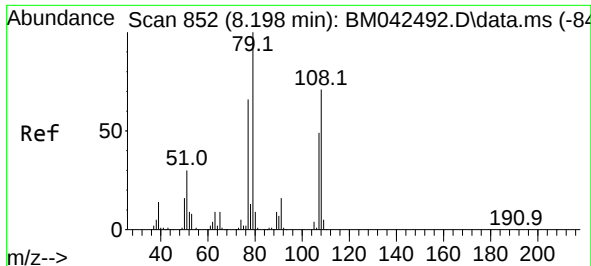
Tgt Ion:146 Resp: 121981
Ion Ratio Lower Upper
146 100
148 63.9 50.0 75.0
111 42.3 32.5 48.7



#14
1,2-Dichlorobenzene
Concen: 45.982 ng
RT: 8.192 min Scan# 885
Delta R.T. -0.000 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

Tgt Ion:146 Resp: 119067
Ion Ratio Lower Upper
146 100
148 66.9 50.0 75.0
111 46.0 34.5 51.7

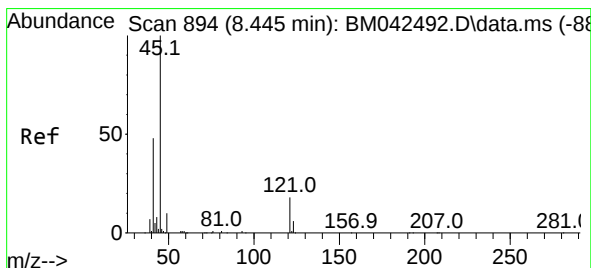
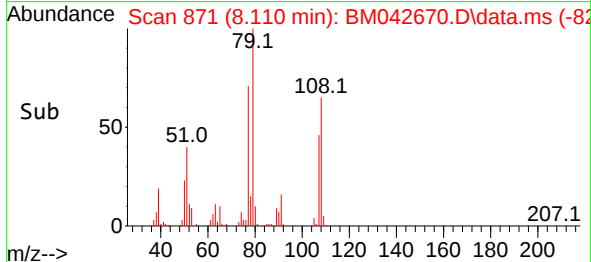
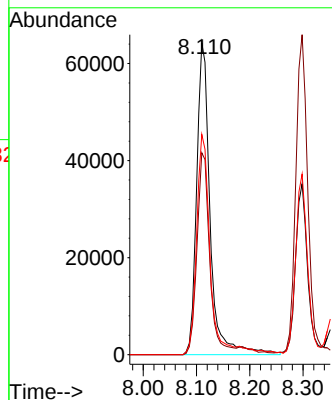
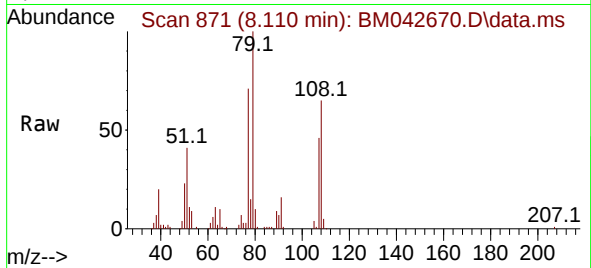




#15
Benzyl Alcohol
Concen: 51.218 ng
RT: 8.110 min Scan# 811
Delta R.T. -0.000 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

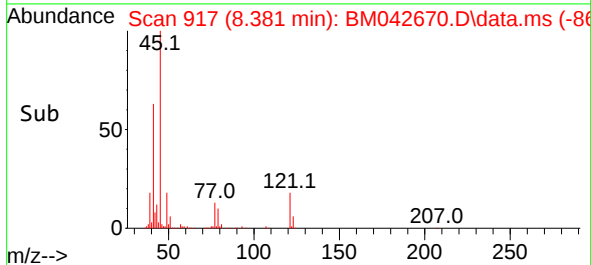
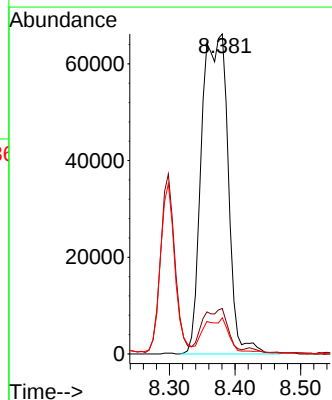
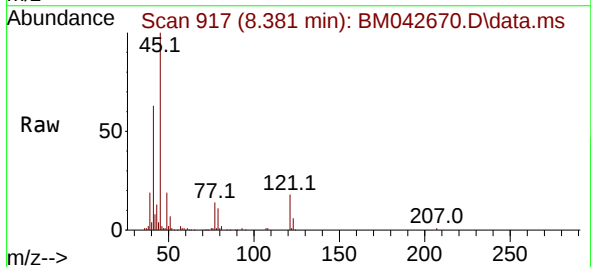
Instrument :
BNA_M
ClientSampleId :
PB156974BS

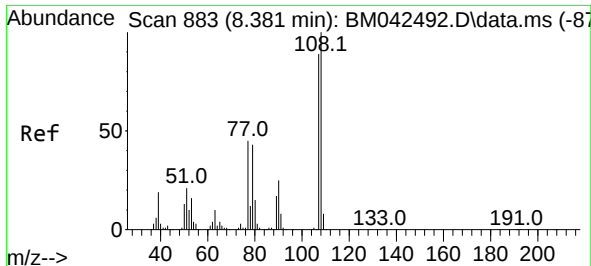
Tgt Ion: 79 Resp: 113089
Ion Ratio Lower Upper
79 100
108 64.7 56.8 85.2
77 70.6 53.0 79.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.405 ng
RT: 8.381 min Scan# 917
Delta R.T. -0.000 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

Tgt Ion: 45 Resp: 185091
Ion Ratio Lower Upper
45 100
77 14.2 0.0 33.0
79 11.3 0.0 29.5





#17

2-Methylphenol

Concen: 41.646 ng

RT: 8.298 min Scan# 90

Delta R.T. -0.000 min

Lab File: BM042670.D

Acq: 09 Nov 2023 13:51

Instrument :

BNA_M

ClientSampleId :

PB156974BS

Tgt Ion:107 Resp: 93404

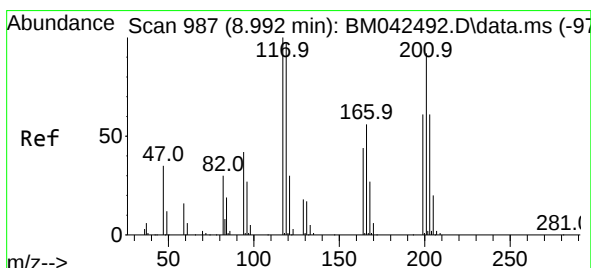
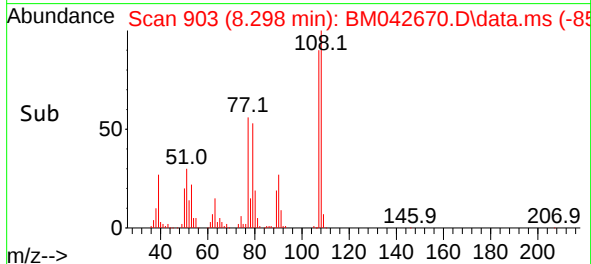
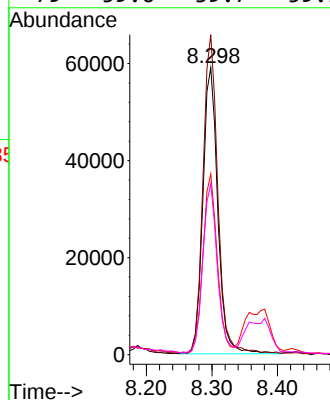
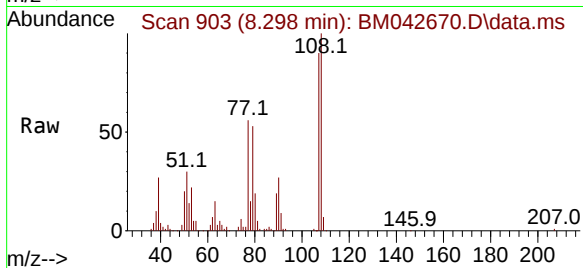
Ion Ratio Lower Upper

107 100

108 111.5 90.4 135.6

77 63.0 40.6 60.8#

79 59.6 39.7 59.5#



#18

Hexachloroethane

Concen: 50.896 ng

RT: 8.904 min Scan# 1006

Delta R.T. -0.000 min

Lab File: BM042670.D

Acq: 09 Nov 2023 13:51

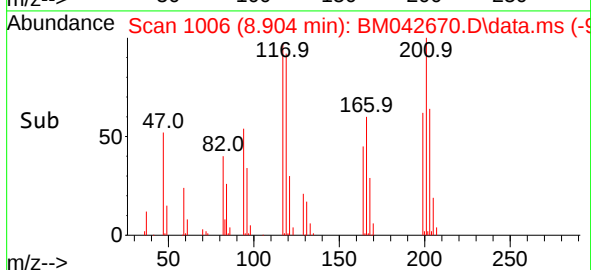
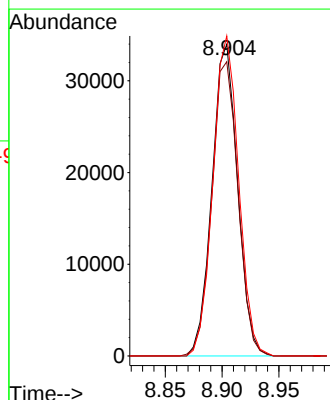
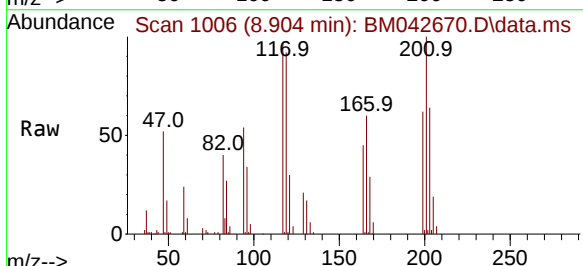
Tgt Ion:117 Resp: 53412

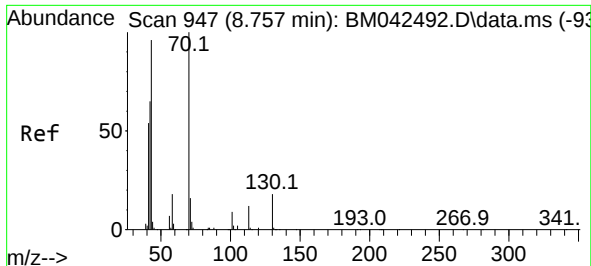
Ion Ratio Lower Upper

117 100

119 94.4 77.9 116.9

201 102.7 73.7 110.5

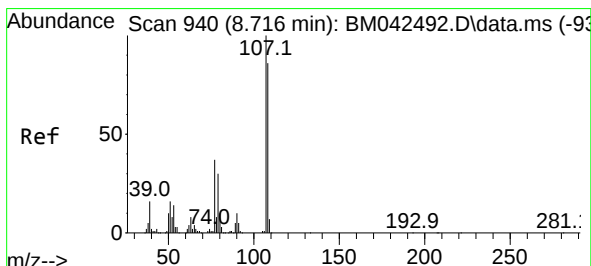
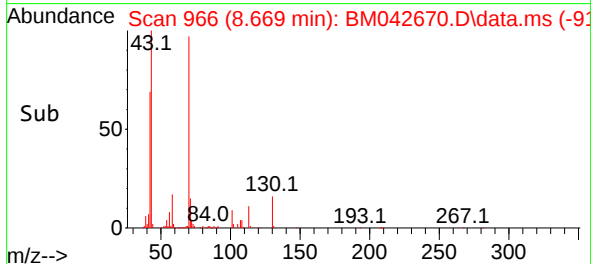
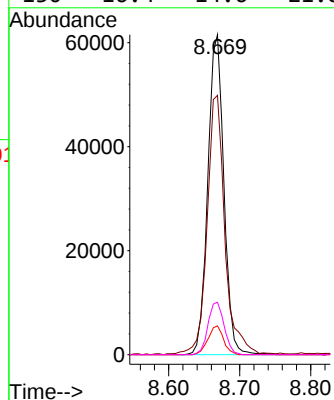
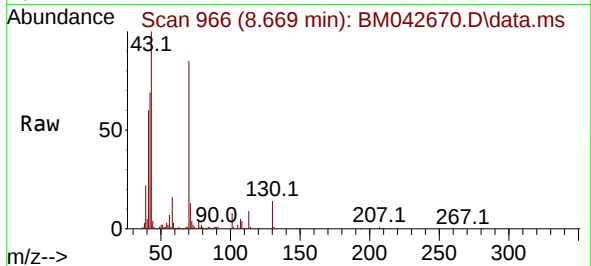




#19
n-Nitroso-di-n-propylamine
Concen: 43.878 ng
RT: 8.669 min Scan# 90
Delta R.T. -0.000 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

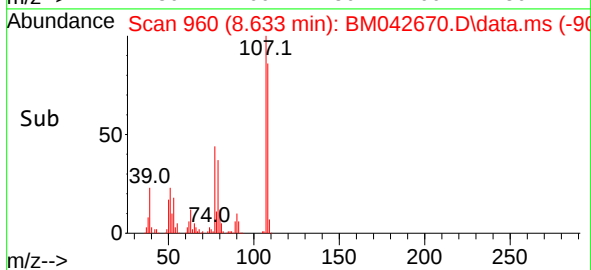
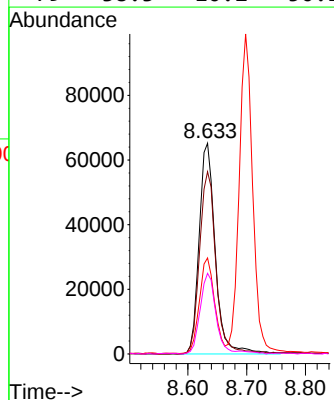
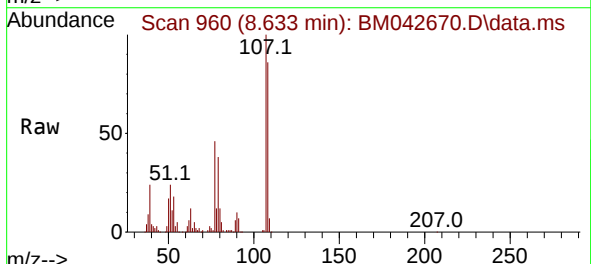
Instrument :
BNA_M
ClientSampleId :
PB156974BS

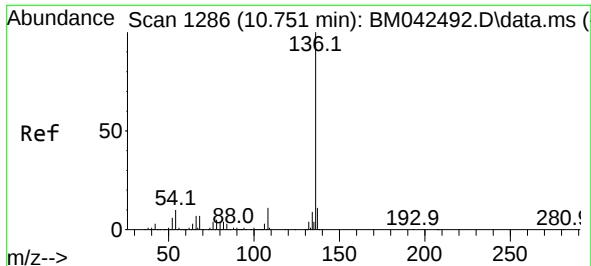
Tgt Ion: 70 Resp: 96808
Ion Ratio Lower Upper
70 100
42 81.0 52.5 78.7#
101 9.0 7.0 10.4
130 16.4 14.6 21.8



#20
3+4-Methylphenols
Concen: 41.481 ng
RT: 8.633 min Scan# 960
Delta R.T. -0.000 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

Tgt Ion: 107 Resp: 124382
Ion Ratio Lower Upper
107 100
108 86.5 66.4 106.4
77 45.5 17.6 57.6
79 38.3 10.2 50.2

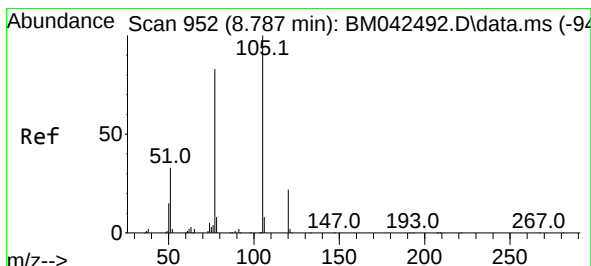
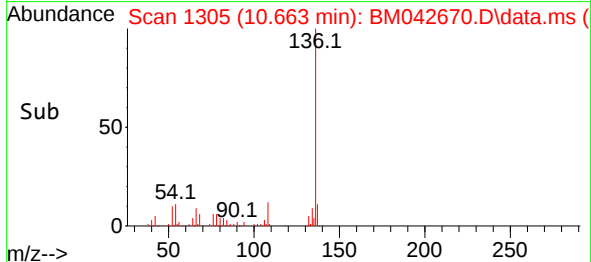
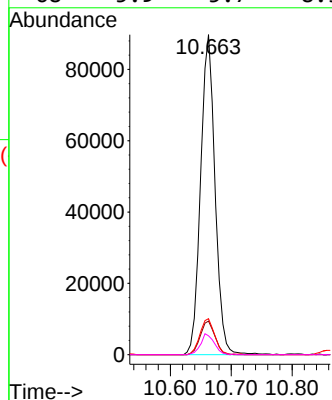
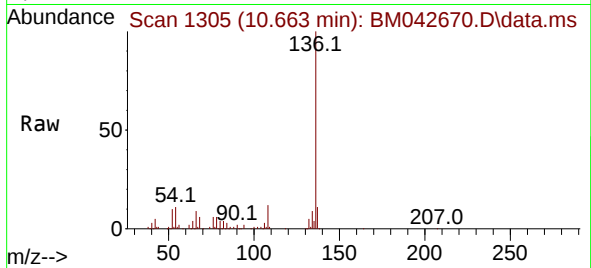




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 111
Delta R.T. -0.000 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

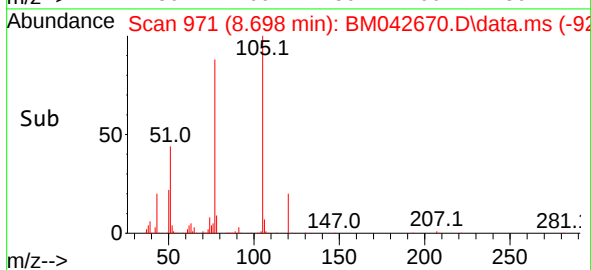
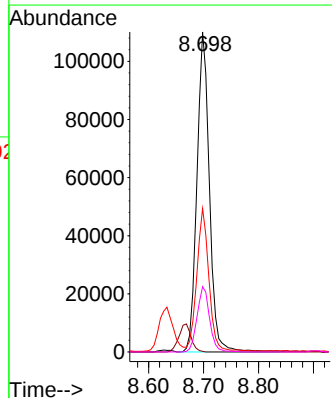
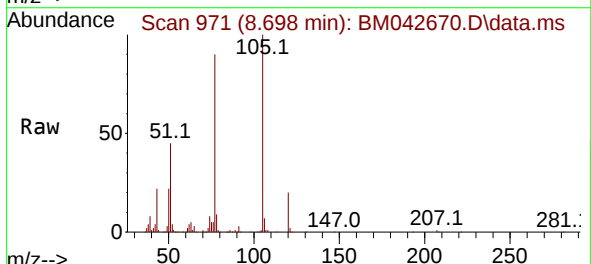
Instrument :
BNA_M
ClientSampleId :
PB156974BS

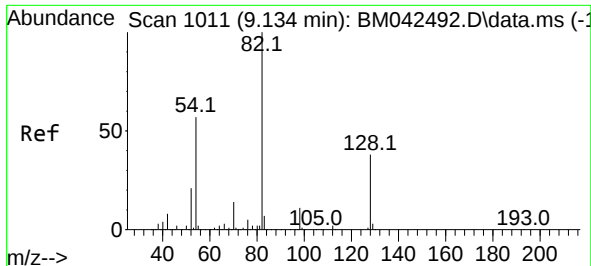
Tgt Ion:136 Resp: 147613
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.6
54 11.3 8.0 12.0
68 5.9 5.7 8.5



#22
Acetophenone
Concen: 46.645 ng
RT: 8.698 min Scan# 971
Delta R.T. -0.000 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

Tgt Ion:105 Resp: 173655
Ion Ratio Lower Upper
105 100
71 0.2 0.2 0.2
51 44.9 27.6 41.4#
120 20.4 17.8 26.6





#23

Nitrobenzene-d5

Concen: 96.286 ng

RT: 9.051 min Scan# 1031

Delta R.T. -0.000 min

Lab File: BM042670.D

Acq: 09 Nov 2023 13:51

Instrument :

BNA_M

ClientSampleId :

PB156974BS

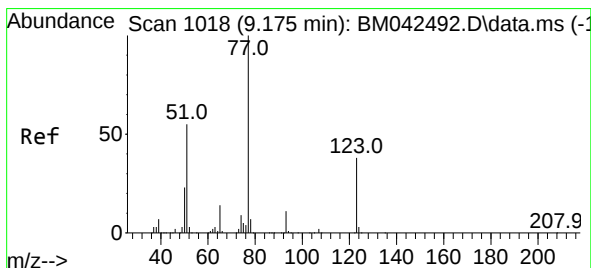
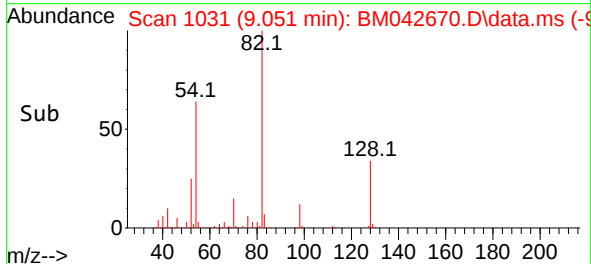
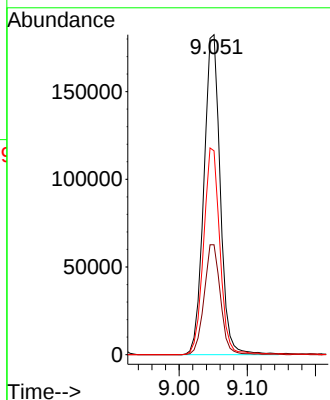
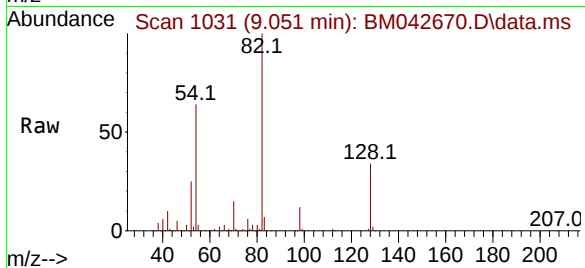
Tgt Ion: 82 Resp: 304895

Ion Ratio Lower Upper

82 100

128 34.4 30.7 46.1

54 63.7 45.3 67.9



#24

Nitrobenzene

Concen: 47.912 ng

RT: 9.092 min Scan# 1038

Delta R.T. -0.000 min

Lab File: BM042670.D

Acq: 09 Nov 2023 13:51

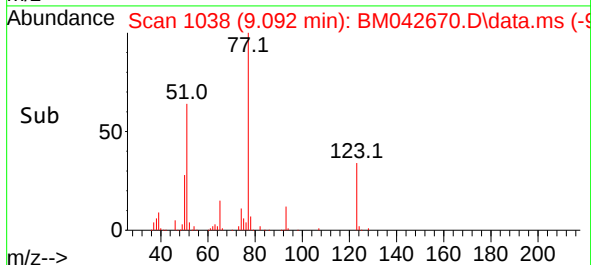
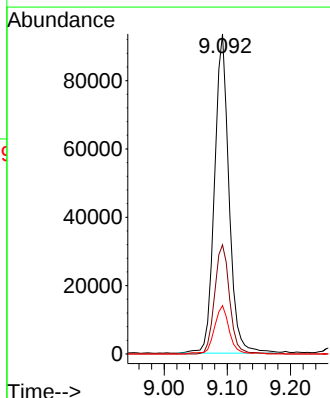
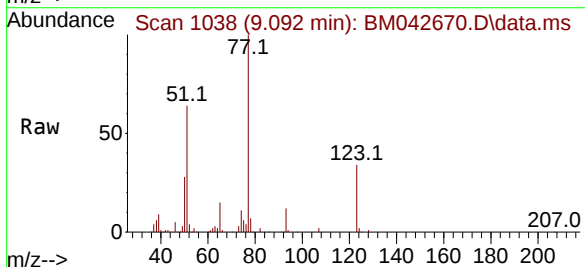
Tgt Ion: 77 Resp: 149431

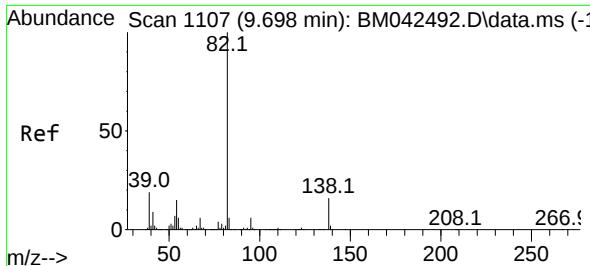
Ion Ratio Lower Upper

77 100

123 34.1 30.6 46.0

65 15.1 10.8 16.2

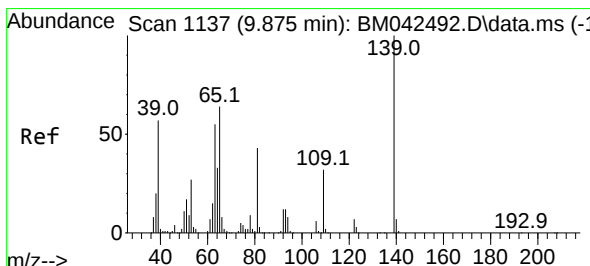
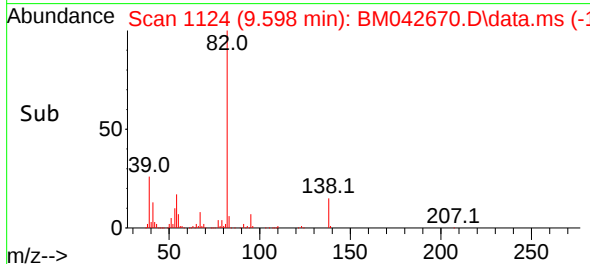
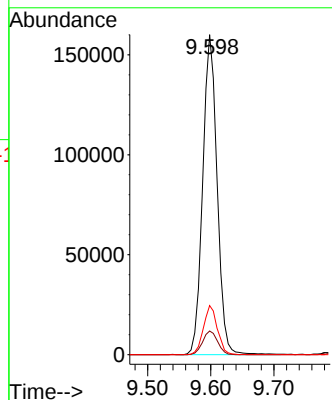
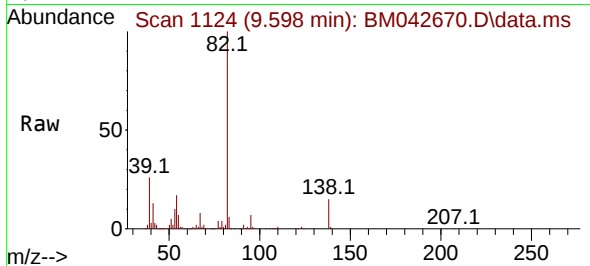




#25
Isophorone
Concen: 45.175 ng
RT: 9.598 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

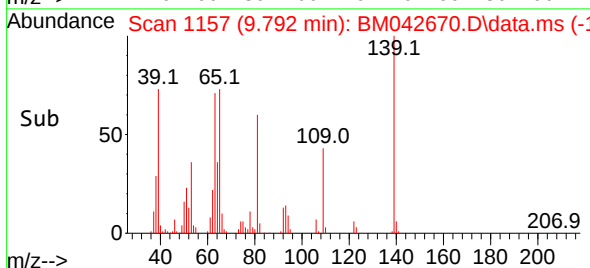
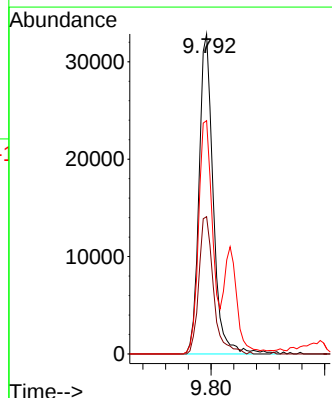
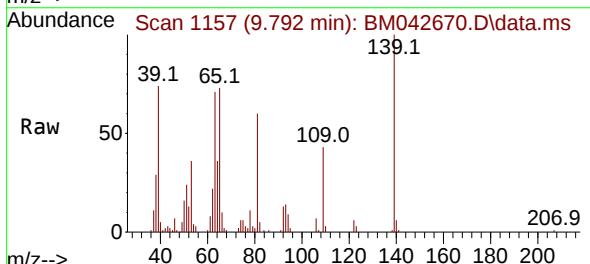
Instrument :
BNA_M
ClientSampleId :
PB156974BS

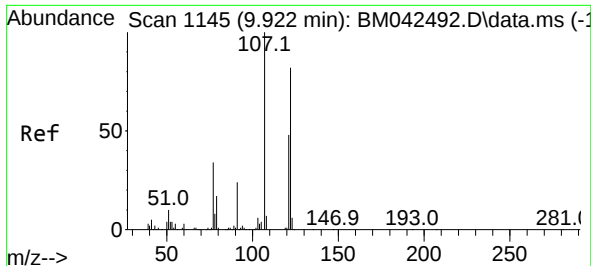
Tgt Ion: 82 Resp: 253193
Ion Ratio Lower Upper
82 100
95 7.4 5.2 7.8
138 15.4 12.6 18.8



#26
2-Nitrophenol
Concen: 43.317 ng
RT: 9.792 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

Tgt Ion:139 Resp: 56960
Ion Ratio Lower Upper
139 100
109 42.9 25.2 37.8#
65 72.9 51.4 77.0





#27

2,4-Dimethylphenol

Concen: 48.481 ng

RT: 9.833 min Scan# 1145

Delta R.T. -0.000 min

Lab File: BM042670.D

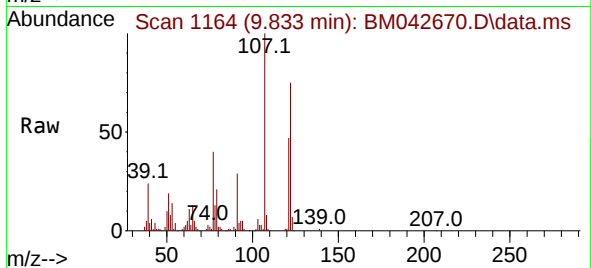
Acq: 09 Nov 2023 13:51

Instrument :

BNA_M

ClientSampleId :

PB156974BS



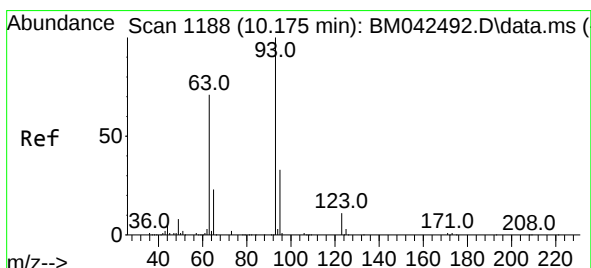
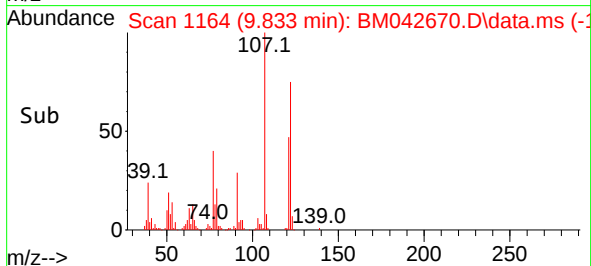
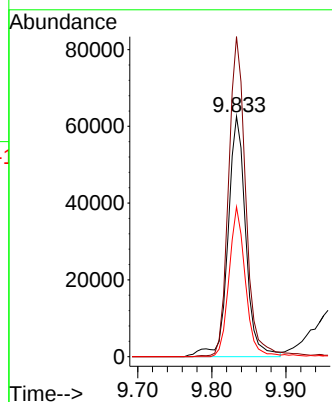
Tgt Ion:122 Resp: 103949

Ion Ratio Lower Upper

122 100

107 133.2 95.4 143.2

121 62.4 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 42.451 ng

RT: 10.086 min Scan# 1207

Delta R.T. -0.000 min

Lab File: BM042670.D

Acq: 09 Nov 2023 13:51

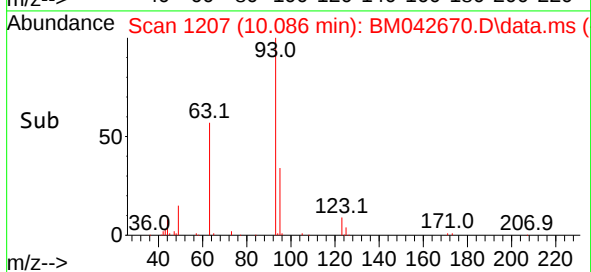
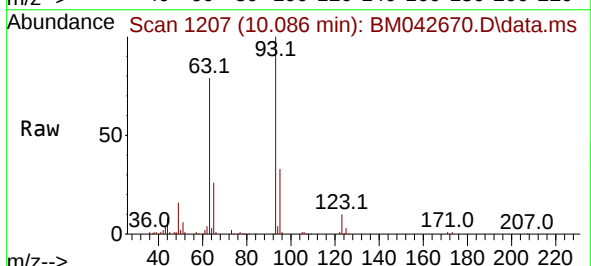
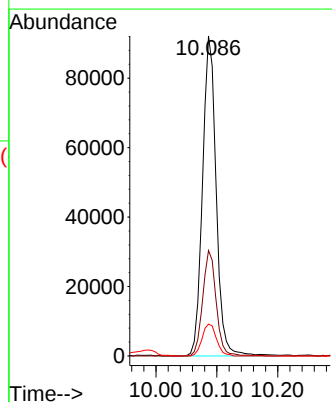
Tgt Ion: 93 Resp: 143341

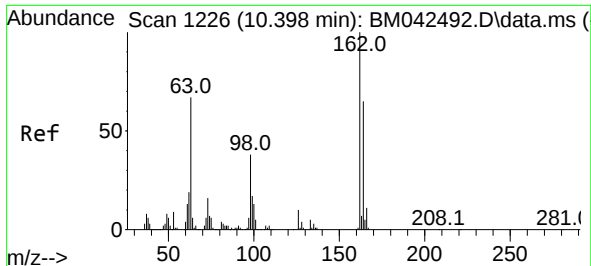
Ion Ratio Lower Upper

93 100

95 33.0 26.3 39.5

123 10.0 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 49.845 ng

RT: 10.310 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM042670.D

Acq: 09 Nov 2023 13:51

Instrument :

BNA_M

ClientSampleId :

PB156974BS

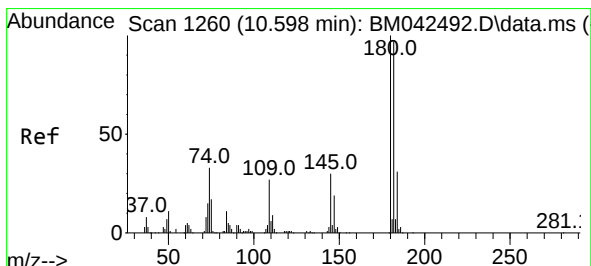
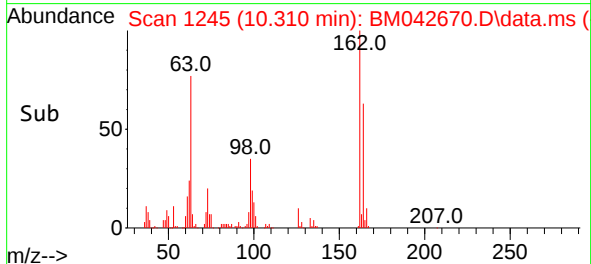
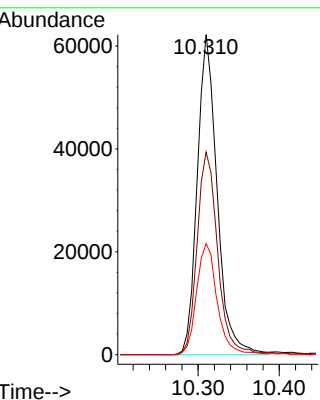
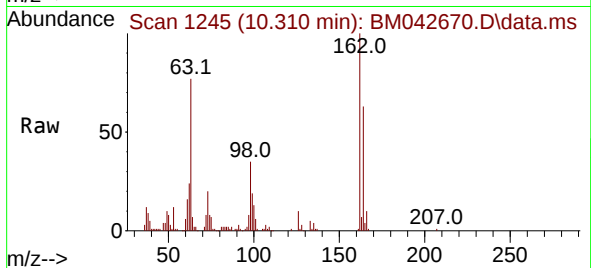
Tgt Ion:162 Resp: 105749

Ion Ratio Lower Upper

162 100

164 63.4 44.9 84.9

98 34.7 18.4 58.4



#30

1,2,4-Trichlorobenzene

Concen: 51.790 ng

RT: 10.516 min Scan# 1280

Delta R.T. -0.000 min

Lab File: BM042670.D

Acq: 09 Nov 2023 13:51

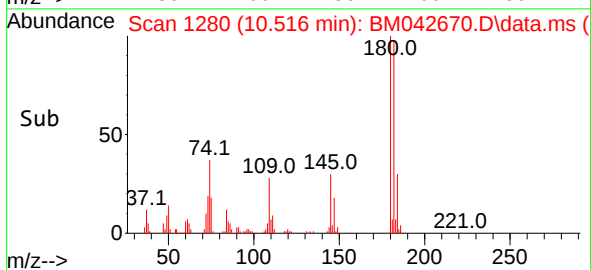
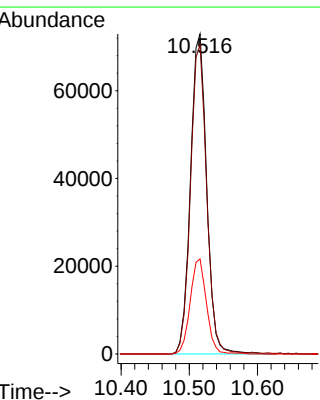
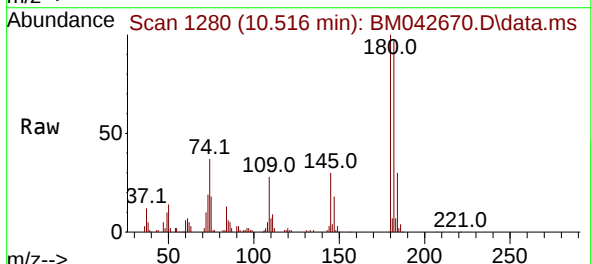
Tgt Ion:180 Resp: 120412

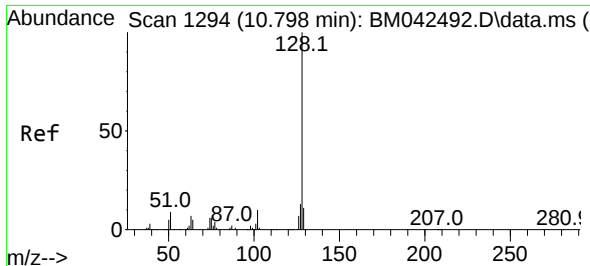
Ion Ratio Lower Upper

180 100

182 96.6 77.8 116.8

145 29.7 24.4 36.6

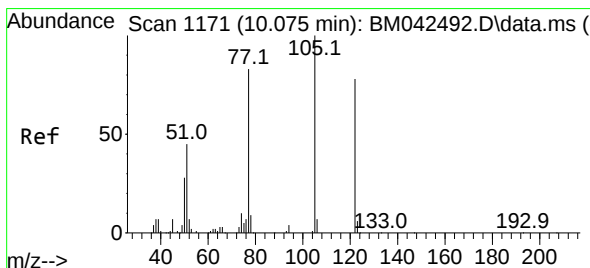
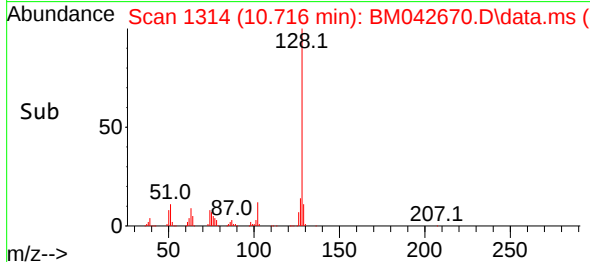
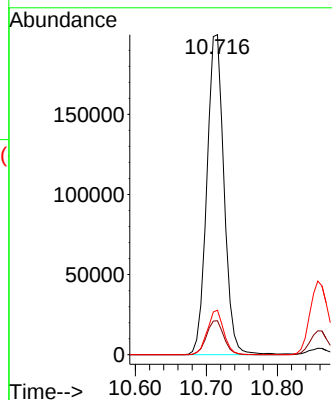
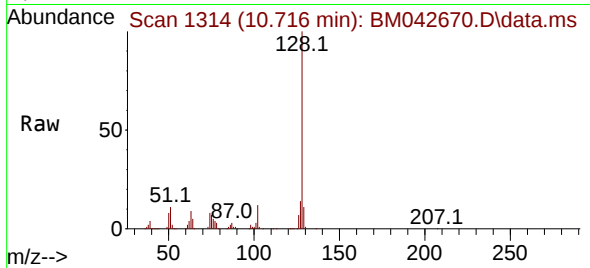




#31
Naphthalene
Concen: 44.009 ng
RT: 10.716 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

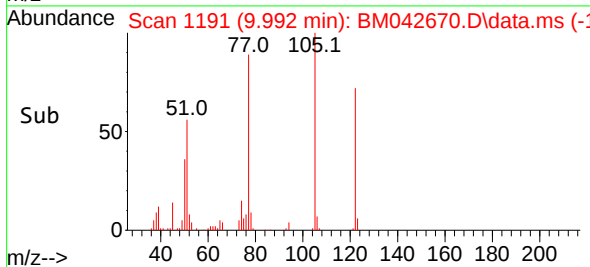
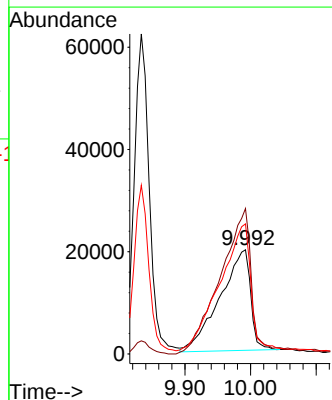
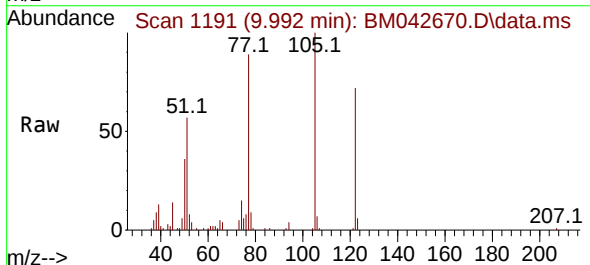
Instrument :
BNA_M
ClientSampleId :
PB156974BS

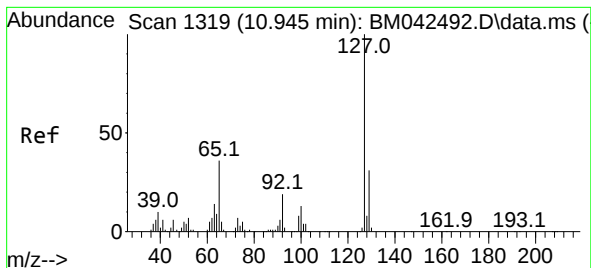
Tgt Ion:128 Resp: 335636
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 13.9 10.6 15.8



#32
Benzoic acid
Concen: 37.782 ng
RT: 9.992 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

Tgt Ion:122 Resp: 64219
Ion Ratio Lower Upper
122 100
105 139.5 105.2 145.2
77 124.8 84.8 124.8

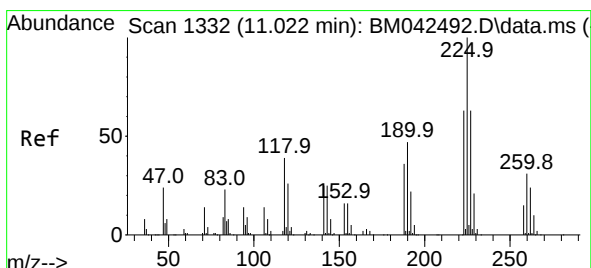
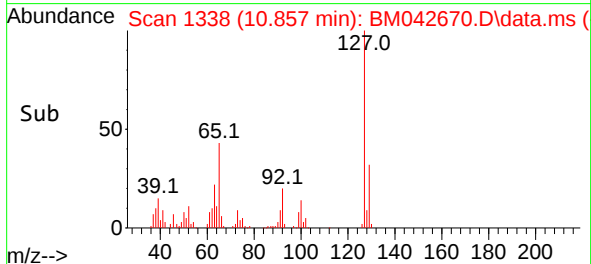
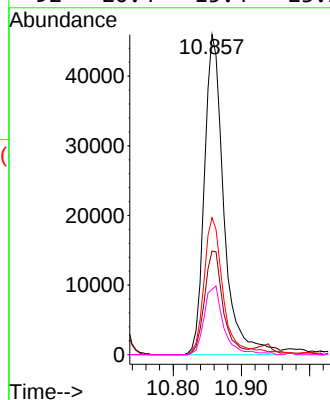
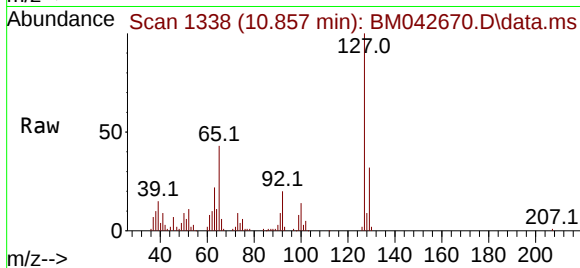




#33
4-Chloroaniline
Concen: 30.798 ng
RT: 10.857 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

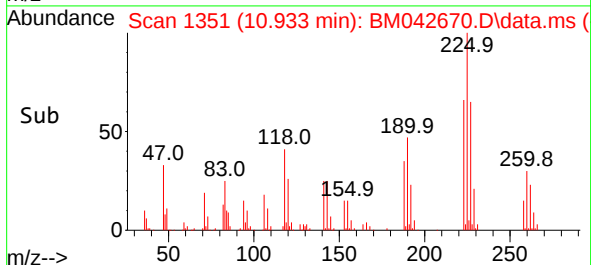
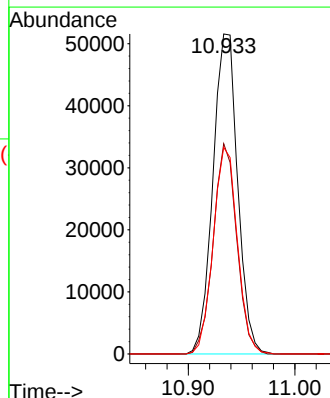
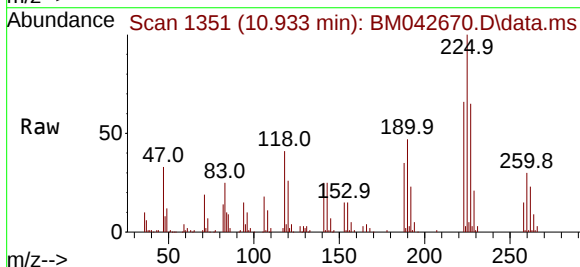
Instrument :
BNA_M
ClientSampleId :
PB156974BS

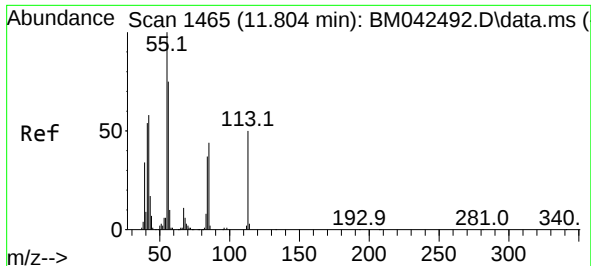
Tgt Ion:	127	Resp:	91583
Ion Ratio	Lower	Upper	
127	100		
129	32.4	25.0	37.4
65	42.8	29.0	43.4
92	20.4	15.4	23.2



#34
Hexachlorobutadiene
Concen: 58.903 ng
RT: 10.933 min Scan# 1351
Delta R.T. -0.000 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

Tgt Ion:	225	Resp:	83149
Ion Ratio	Lower	Upper	
225	100		
223	65.7	50.0	75.0
227	64.5	50.6	75.8

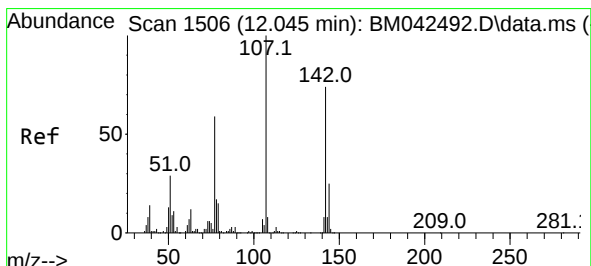
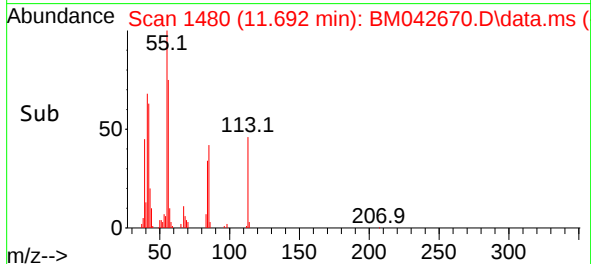
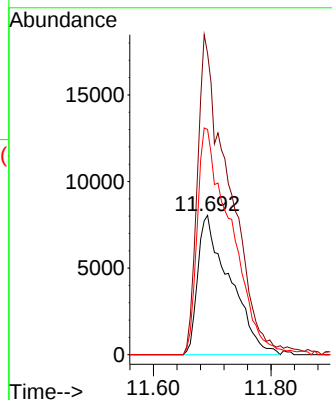
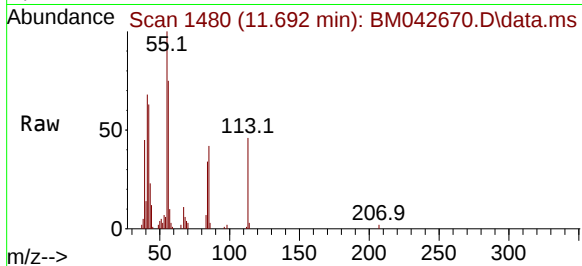




#35
Caprolactam
Concen: 40.893 ng
RT: 11.692 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

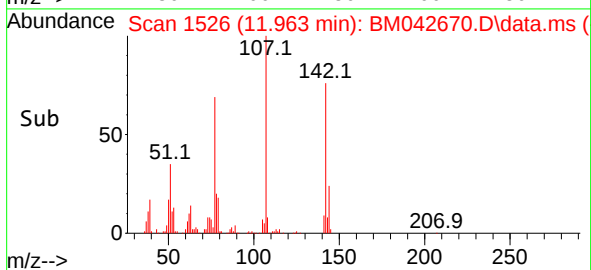
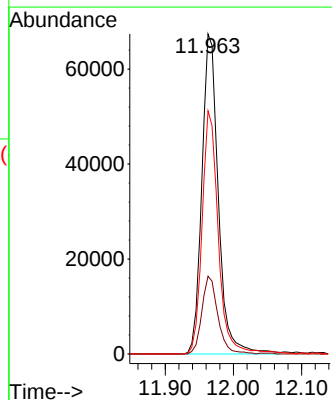
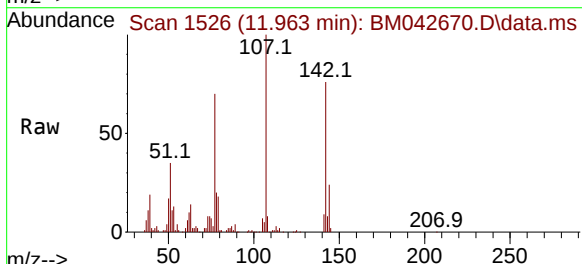
Instrument :
BNA_M
ClientSampleId :
PB156974BS

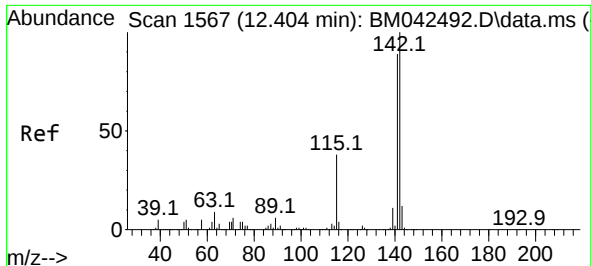
Tgt Ion:113 Resp: 30482
Ion Ratio Lower Upper
113 100
55 216.2 180.9 220.9
56 161.7 130.0 170.0



#36
4-Chloro-3-methylphenol
Concen: 46.947 ng
RT: 11.963 min Scan# 1526
Delta R.T. -0.000 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

Tgt Ion:107 Resp: 113351
Ion Ratio Lower Upper
107 100
144 24.3 20.2 30.2
142 75.9 59.5 89.3

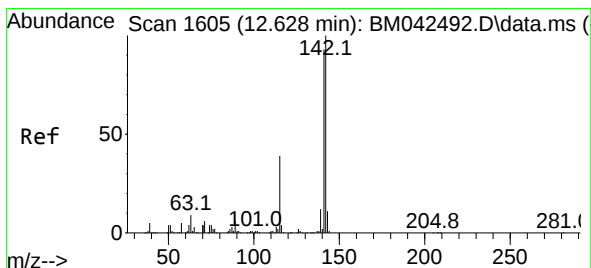
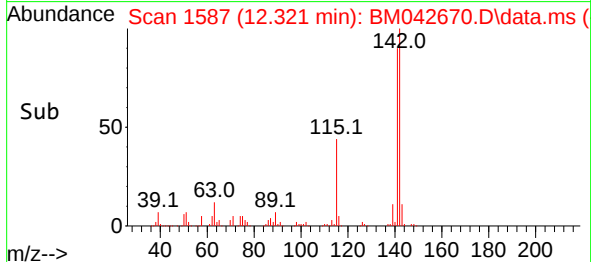
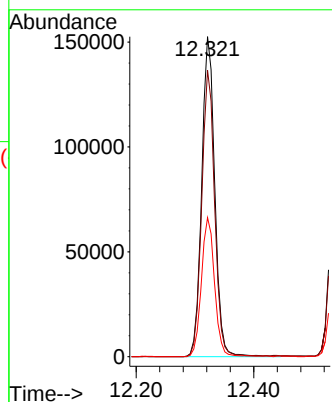
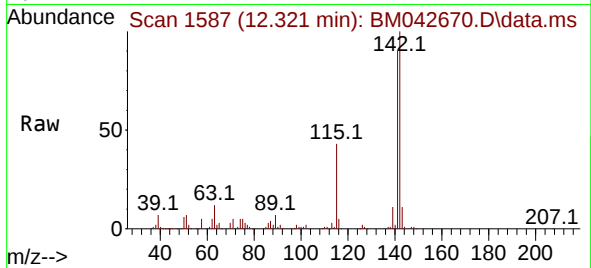




#37
2-Methylnaphthalene
Concen: 43.805 ng
RT: 12.321 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

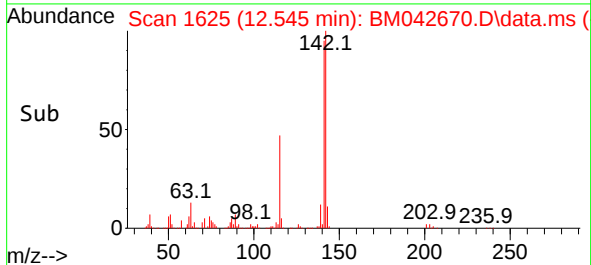
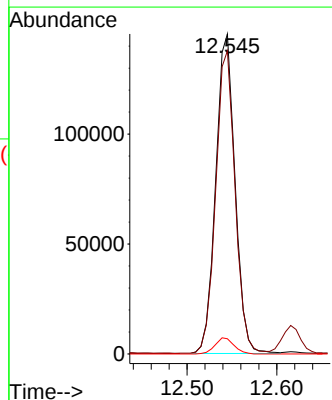
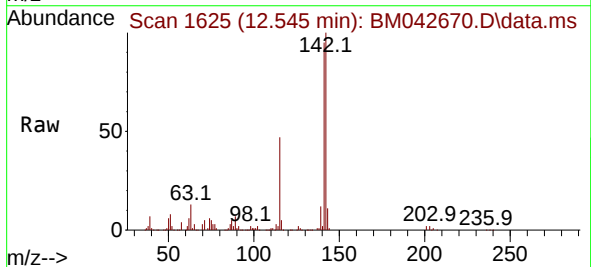
Instrument :
BNA_M
ClientSampleId :
PB156974BS

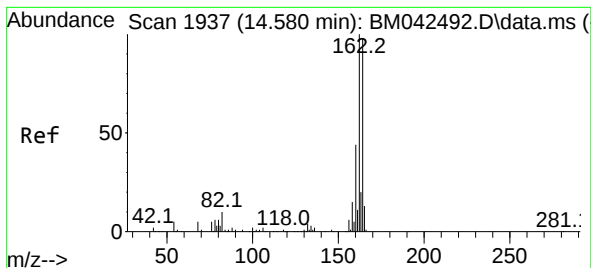
Tgt Ion:142 Resp: 235279
Ion Ratio Lower Upper
142 100
141 89.5 70.9 106.3
115 43.5 30.2 45.2



#38
1-Methylnaphthalene
Concen: 43.043 ng
RT: 12.545 min Scan# 1625
Delta R.T. -0.000 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

Tgt Ion:142 Resp: 217606
Ion Ratio Lower Upper
142 100
141 94.8 74.4 111.6
116 4.8 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.504 min Scan# 14

Delta R.T. -0.000 min

Lab File: BM042670.D

Acq: 09 Nov 2023 13:51

Instrument :

BNA_M

ClientSampleId :

PB156974BS

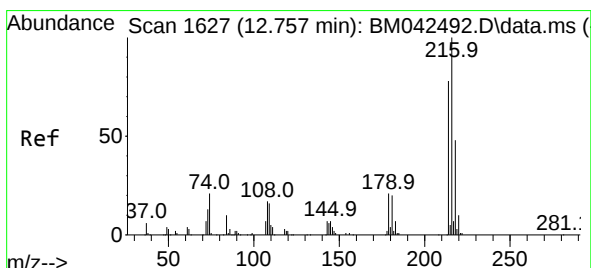
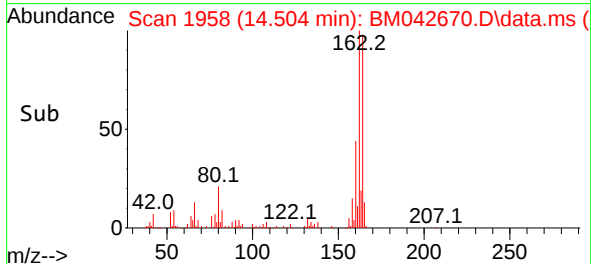
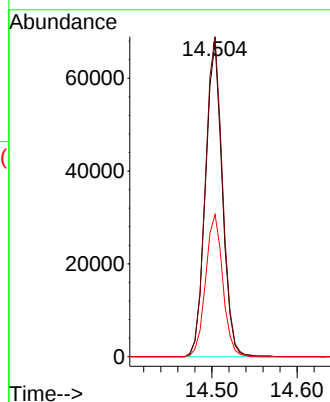
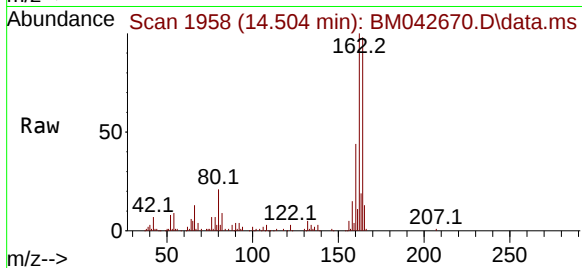
Tgt Ion:164 Resp: 93251

Ion Ratio Lower Upper

164 100

162 101.7 81.6 122.4

160 45.2 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.926 ng

RT: 12.674 min Scan# 1647

Delta R.T. -0.000 min

Lab File: BM042670.D

Acq: 09 Nov 2023 13:51

Tgt Ion:216 Resp: 141873

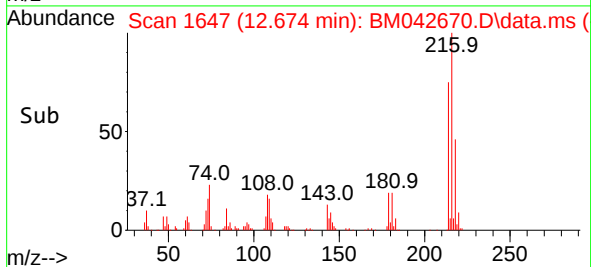
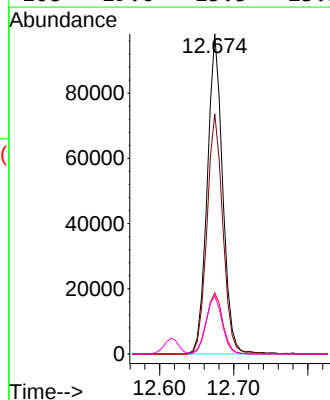
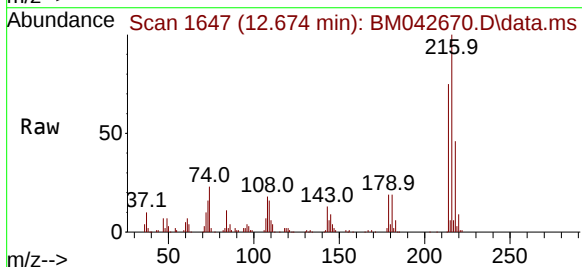
Ion Ratio Lower Upper

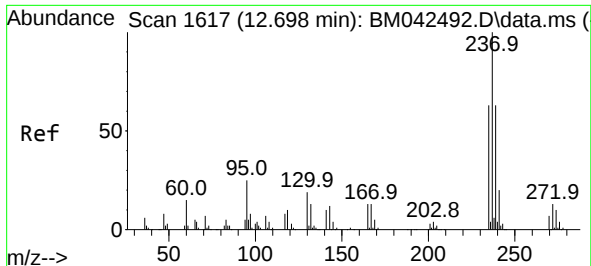
216 100

214 77.1 62.5 93.7

179 20.0 16.7 25.1

108 19.0 15.5 23.3

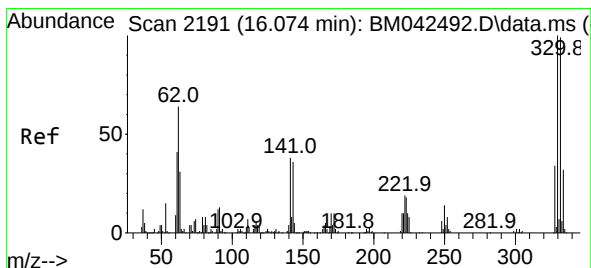
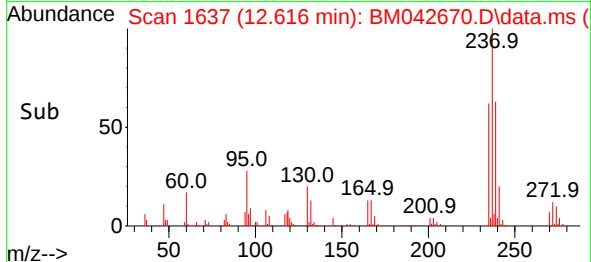
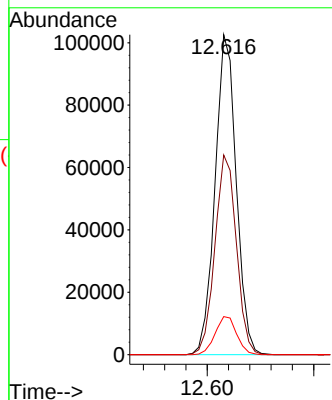
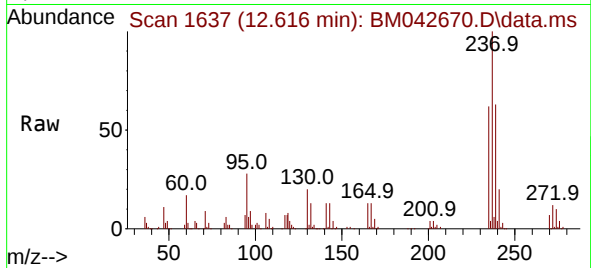




#41
Hexachlorocyclopentadiene
Concen: 84.236 ng
RT: 12.616 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

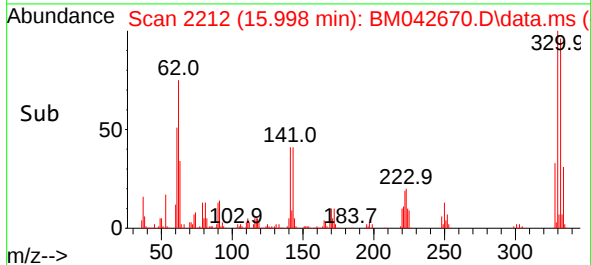
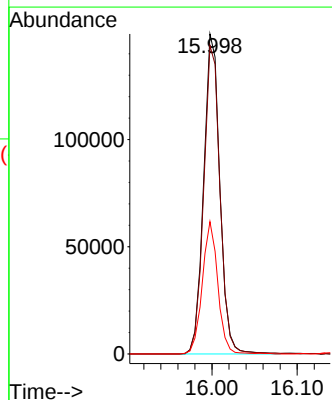
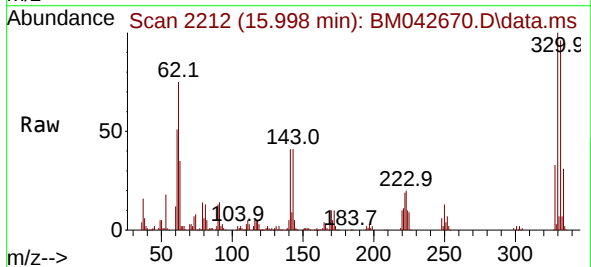
Instrument :
BNA_M
ClientSampleId :
PB156974BS

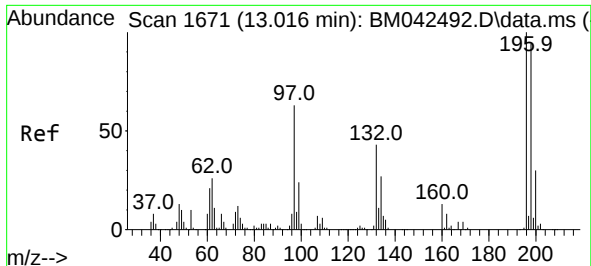
Tgt Ion:237 Resp: 141265
Ion Ratio Lower Upper
237 100
235 62.4 42.5 82.5
272 11.9 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 162.160 ng
RT: 15.998 min Scan# 2212
Delta R.T. -0.000 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

Tgt Ion:330 Resp: 197425
Ion Ratio Lower Upper
330 100
332 97.0 78.8 118.2
141 39.7 31.1 46.7

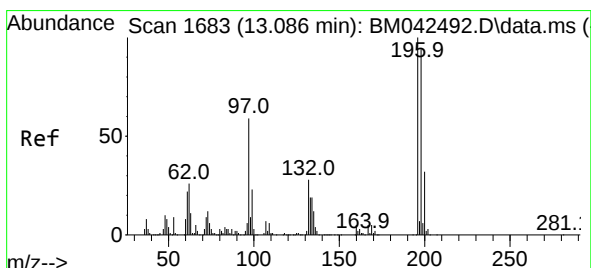
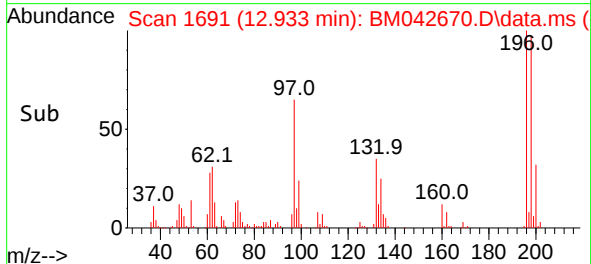
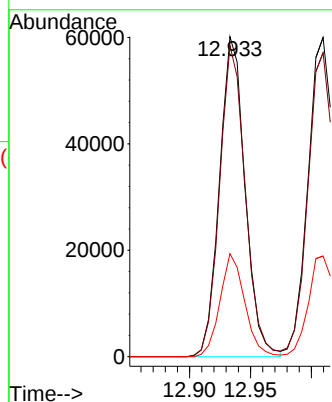
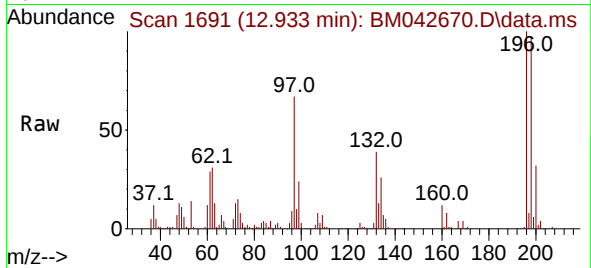




#43
2,4,6-Trichlorophenol
Concen: 49.293 ng
RT: 12.933 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

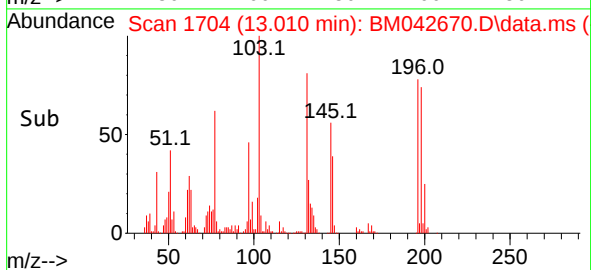
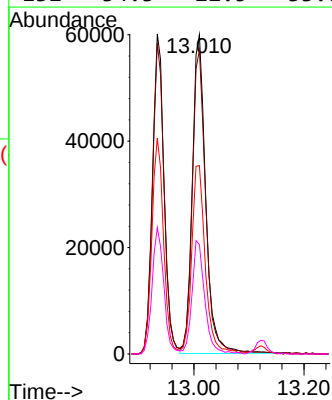
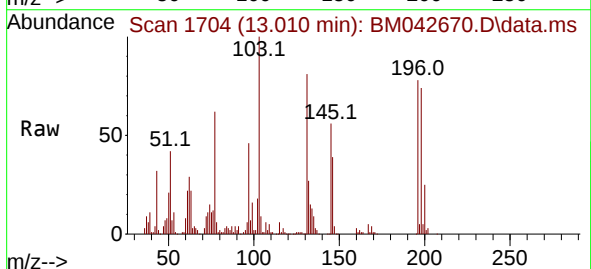
Instrument :
BNA_M
ClientSampleId :
PB156974BS

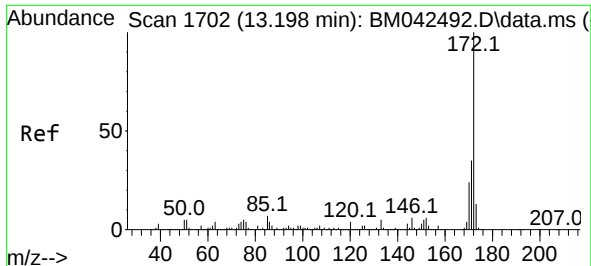
Tgt Ion:196 Resp: 87955
Ion Ratio Lower Upper
196 100
198 97.3 75.2 112.8
200 32.2 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 47.847 ng
RT: 13.010 min Scan# 1704
Delta R.T. -0.000 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

Tgt Ion:196 Resp: 101594
Ion Ratio Lower Upper
196 100
198 95.2 75.1 112.7
97 59.0 47.4 71.0
132 34.3 22.5 33.7#

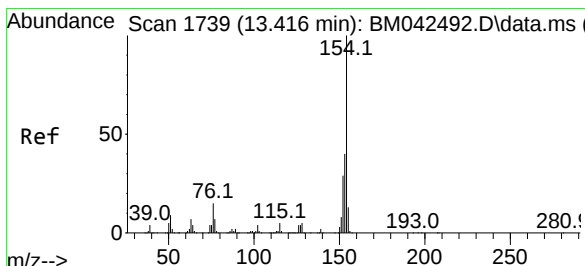
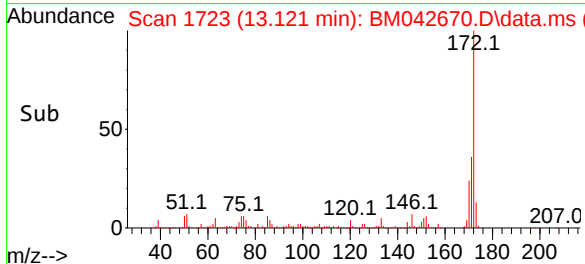
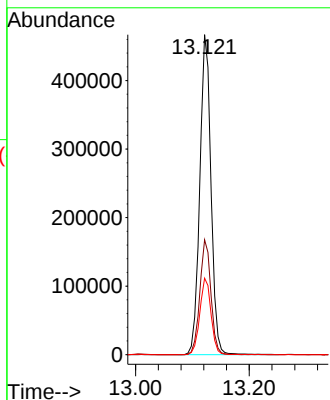
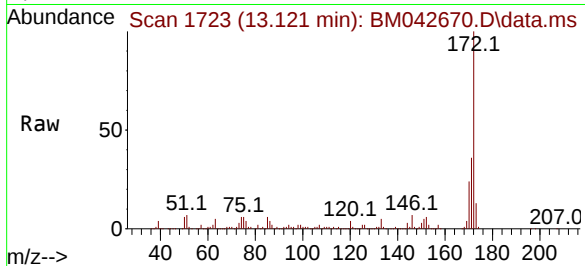




#45
2-Fluorobiphenyl
Concen: 92.098 ng
RT: 13.121 min Scan# 1702
Delta R.T. -0.000 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

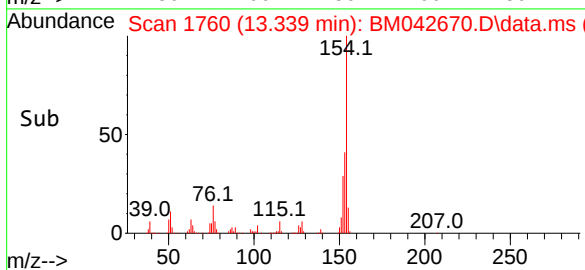
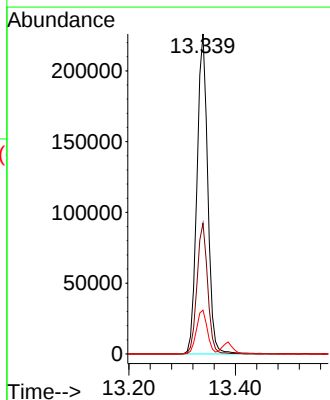
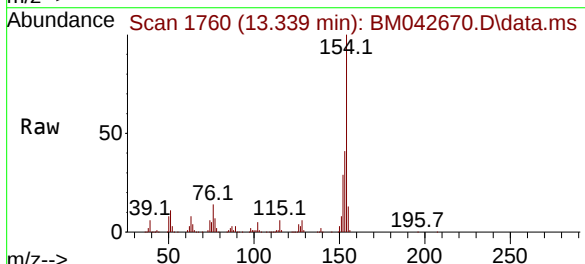
Instrument :
BNA_M
ClientSampleId :
PB156974BS

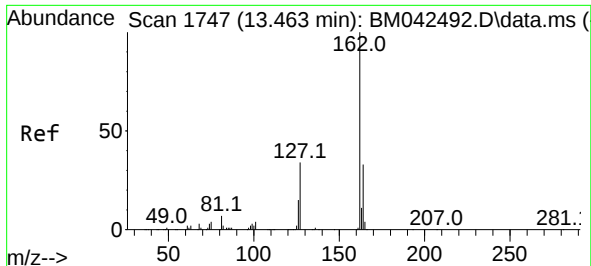
Tgt Ion:172 Resp: 638243
Ion Ratio Lower Upper
172 100
171 35.9 28.2 42.2
170 23.9 19.0 28.4



#46
1,1'-Biphenyl
Concen: 44.518 ng
RT: 13.339 min Scan# 1760
Delta R.T. -0.000 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

Tgt Ion:154 Resp: 317338
Ion Ratio Lower Upper
154 100
153 40.8 20.3 60.3
76 13.7 0.0 35.0

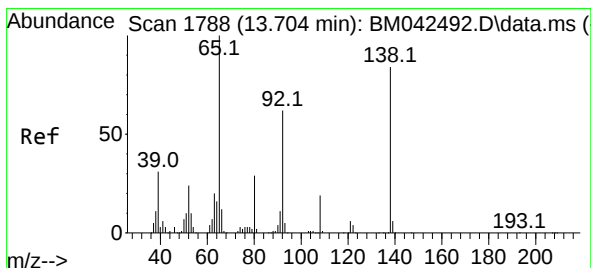
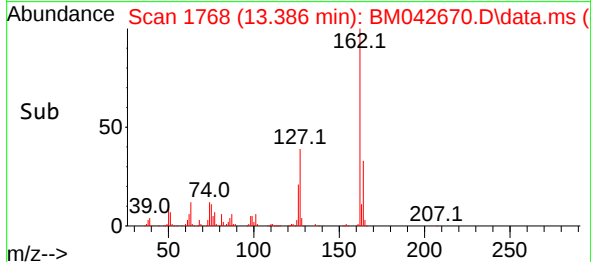
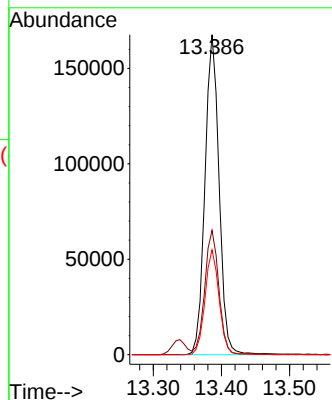
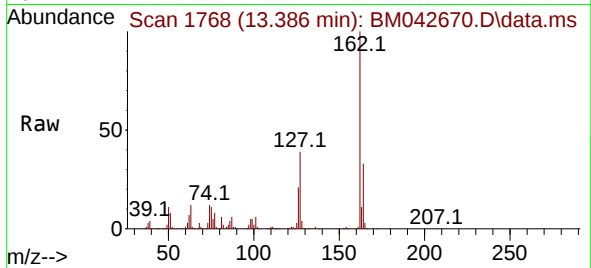




#47
2-Chloronaphthalene
Concen: 46.241 ng
RT: 13.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

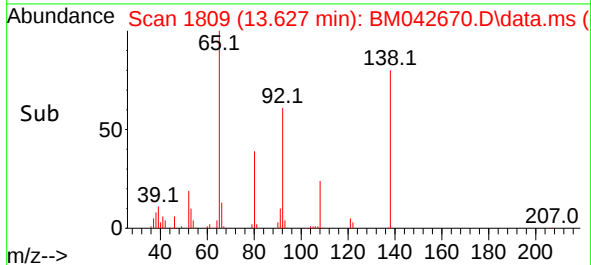
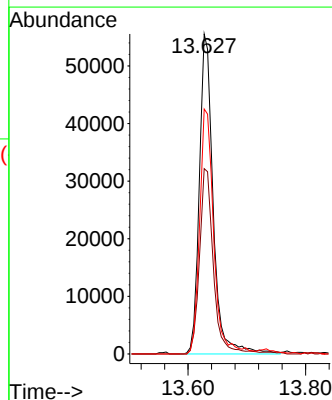
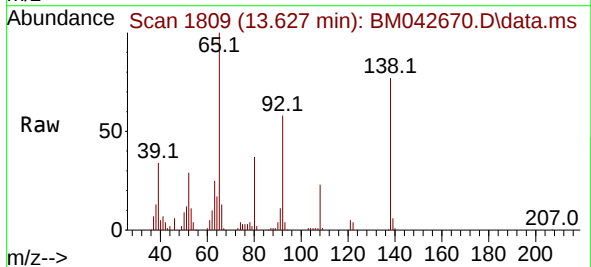
Instrument :
BNA_M
ClientSampleId :
PB156974BS

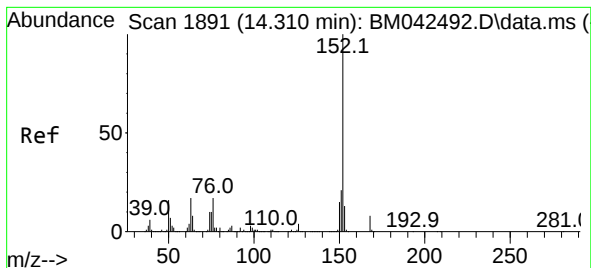
Tgt Ion:162 Resp: 241808
Ion Ratio Lower Upper
162 100
127 38.9 31.1 46.7
164 32.7 26.2 39.4



#48
2-Nitroaniline
Concen: 43.486 ng
RT: 13.627 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

Tgt Ion: 65 Resp: 90771
Ion Ratio Lower Upper
65 100
92 57.9 49.4 74.2
138 76.6 66.9 100.3





#49

Acenaphthylene

Concen: 44.317 ng

RT: 14.233 min Scan# 1891

Delta R.T. -0.000 min

Lab File: BM042670.D

Acq: 09 Nov 2023 13:51

Instrument :

BNA_M

ClientSampleId :

PB156974BS

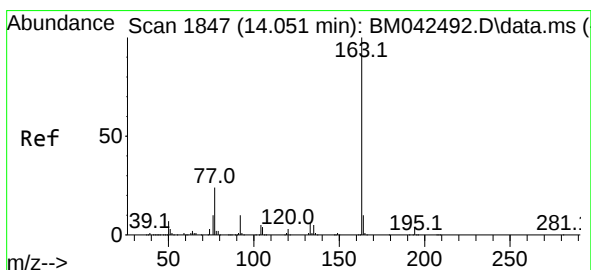
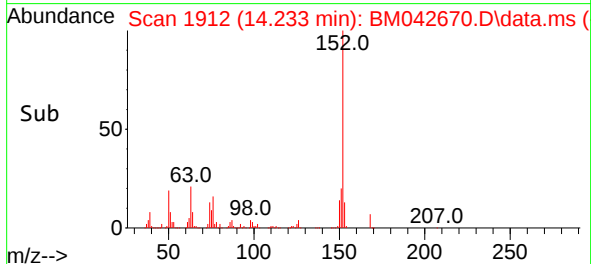
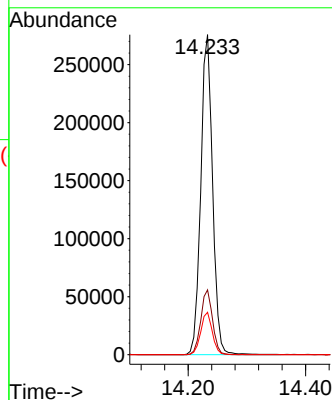
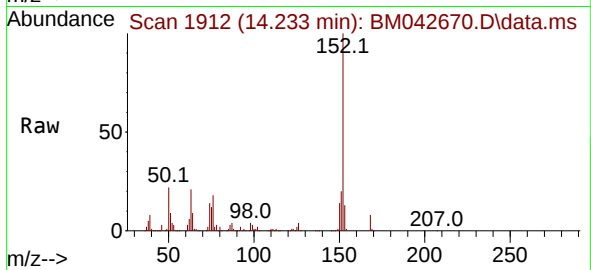
Tgt Ion:152 Resp: 383814

Ion Ratio Lower Upper

152 100

151 20.3 16.4 24.6

153 13.3 10.4 15.6



#50

Dimethylphthalate

Concen: 43.702 ng

RT: 13.974 min Scan# 1868

Delta R.T. -0.000 min

Lab File: BM042670.D

Acq: 09 Nov 2023 13:51

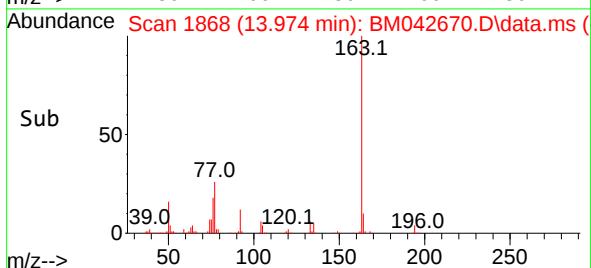
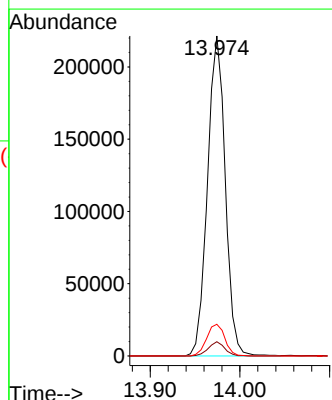
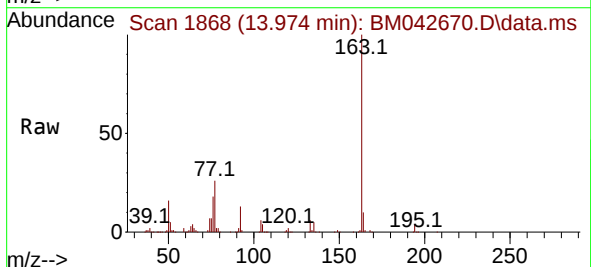
Tgt Ion:163 Resp: 304586

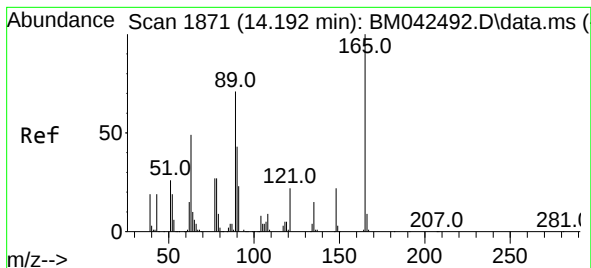
Ion Ratio Lower Upper

163 100

194 4.5 3.2 4.8

164 9.9 7.8 11.8

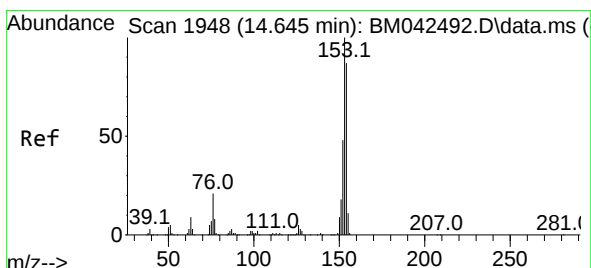
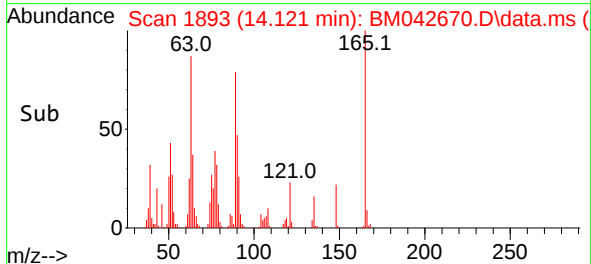
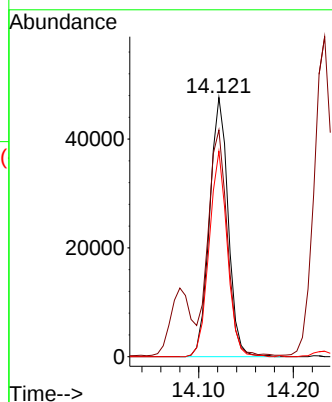
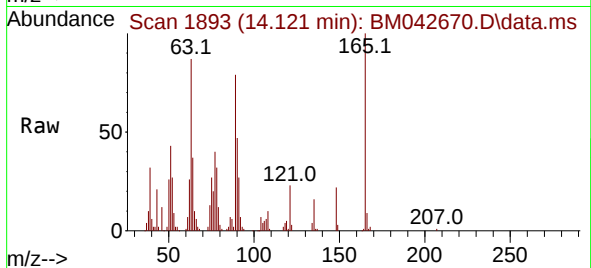




#51
2,6-Dinitrotoluene
Concen: 45.107 ng
RT: 14.121 min Scan# 1871
Delta R.T. -0.000 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

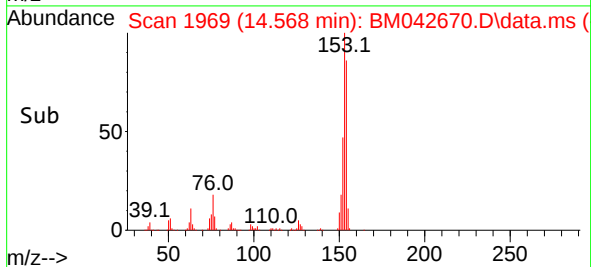
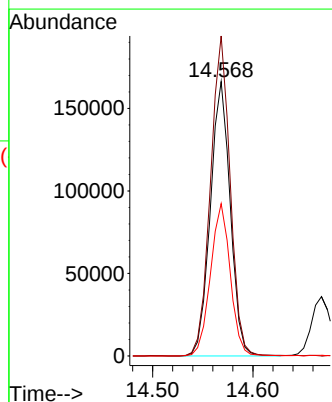
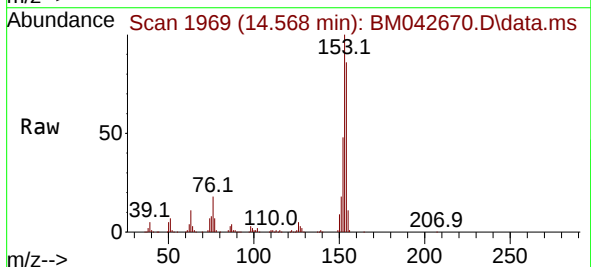
Instrument :
BNA_M
ClientSampleId :
PB156974BS

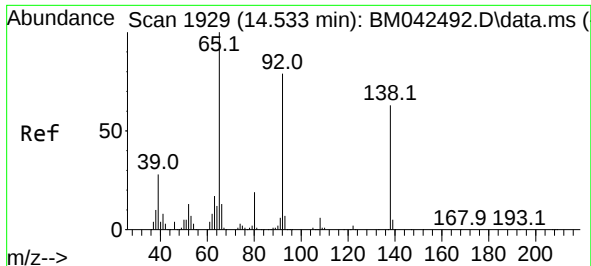
Tgt Ion:165 Resp: 64792
Ion Ratio Lower Upper
165 100
63 87.5 59.4 89.0
89 79.3 57.0 85.6



#52
Acenaphthene
Concen: 43.616 ng
RT: 14.568 min Scan# 1969
Delta R.T. -0.000 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

Tgt Ion:154 Resp: 229254
Ion Ratio Lower Upper
154 100
153 116.6 92.0 138.0
152 55.5 44.0 66.0

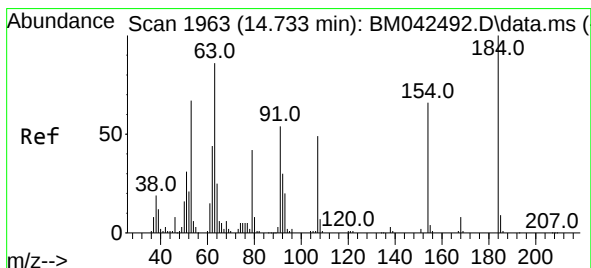
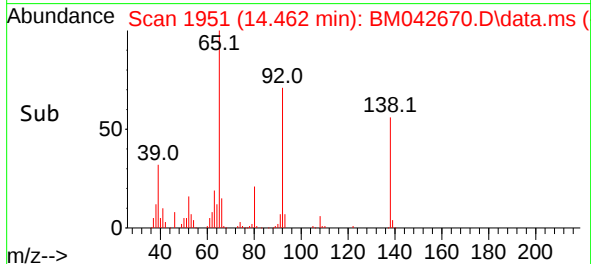
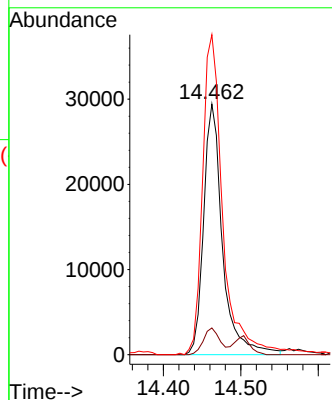
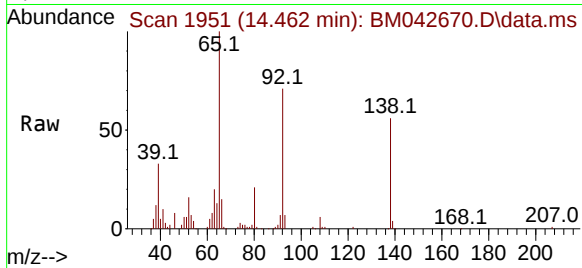




#53
3-Nitroaniline
Concen: 32.418 ng
RT: 14.462 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

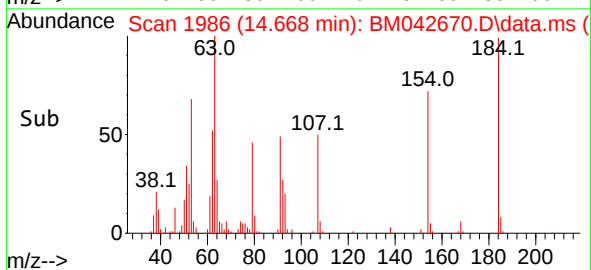
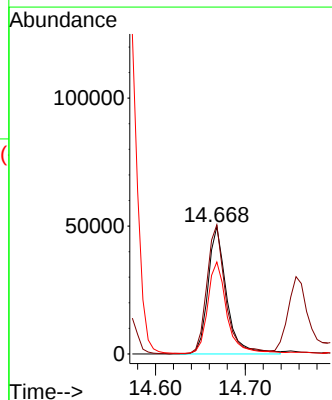
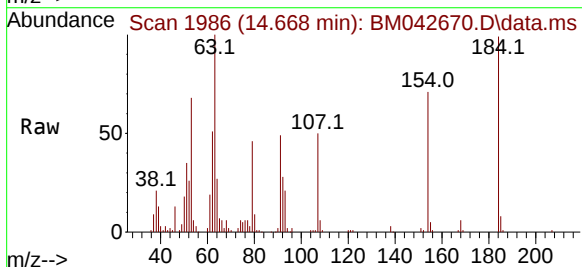
Instrument :
BNA_M
ClientSampleId :
PB156974BS

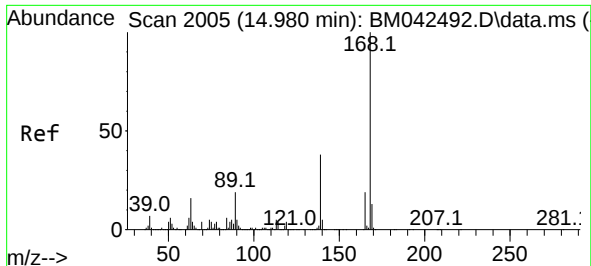
Tgt Ion:138 Resp: 49717
Ion Ratio Lower Upper
138 100
108 10.7 7.9 11.9
92 127.7 100.7 151.1



#54
2,4-Dinitrophenol
Concen: 71.229 ng
RT: 14.668 min Scan# 1986
Delta R.T. -0.000 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

Tgt Ion:184 Resp: 71643
Ion Ratio Lower Upper
184 100
63 101.5 69.2 103.8
154 72.3 53.2 79.8

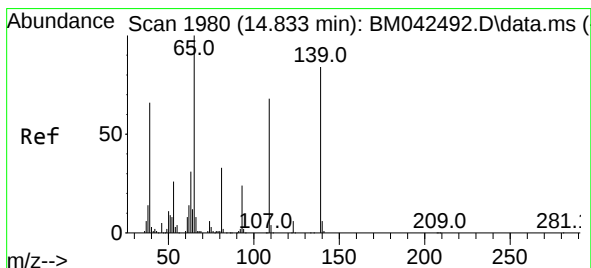
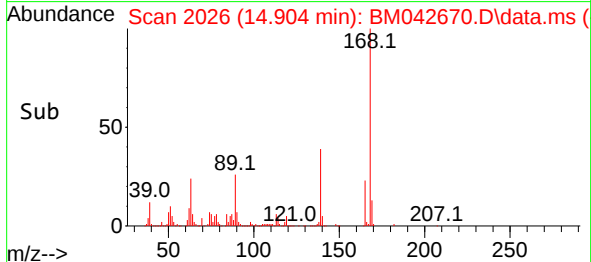
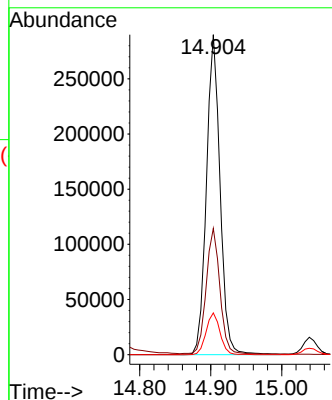
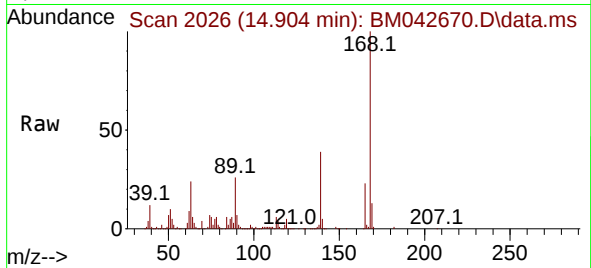




#55
Dibenzofuran
Concen: 45.327 ng
RT: 14.904 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

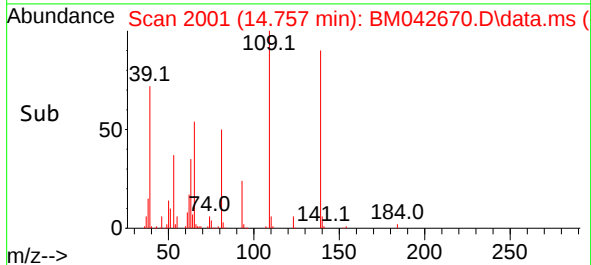
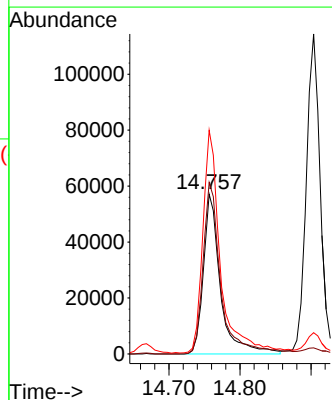
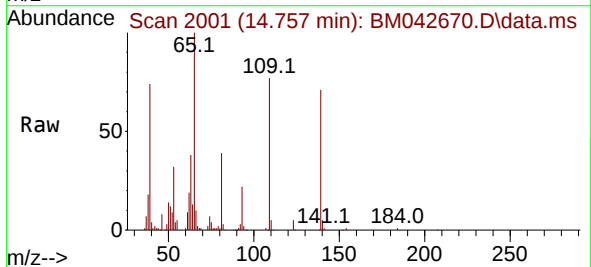
Instrument :
BNA_M
ClientSampleId :
PB156974BS

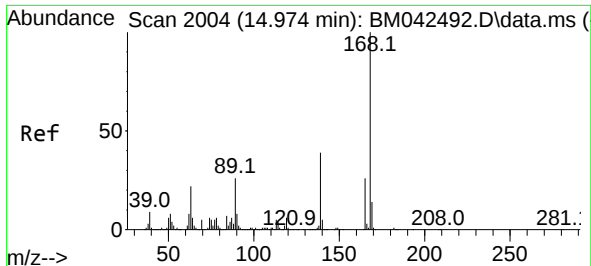
Tgt Ion:168 Resp: 387361
Ion Ratio Lower Upper
168 100
139 39.5 30.4 45.6
169 13.1 10.6 15.8



#56
4-Nitrophenol
Concen: 73.873 ng
RT: 14.757 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

Tgt Ion:139 Resp: 95663
Ion Ratio Lower Upper
139 100
109 107.3 61.3 101.3#
65 139.9 100.2 140.2

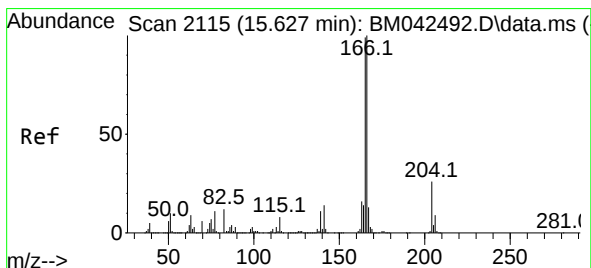
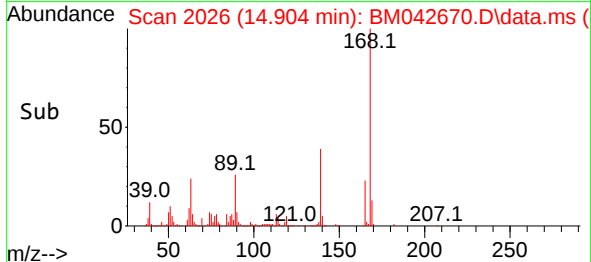
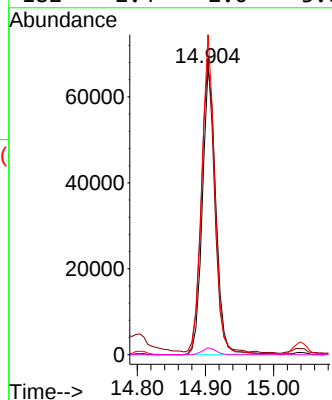
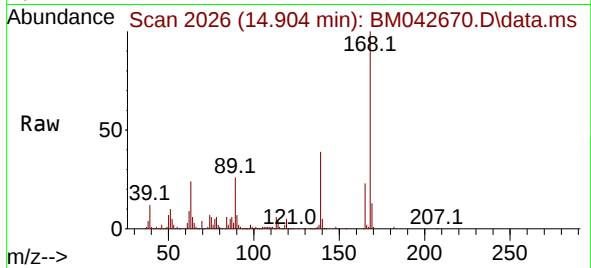




#57
2,4-Dinitrotoluene
Concen: 42.708 ng
RT: 14.904 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

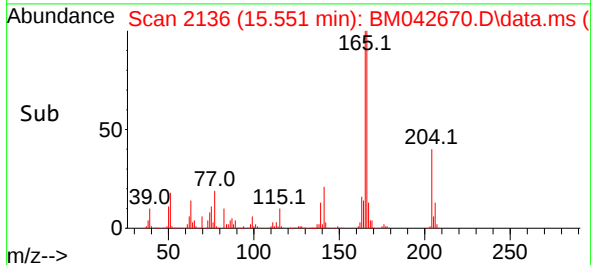
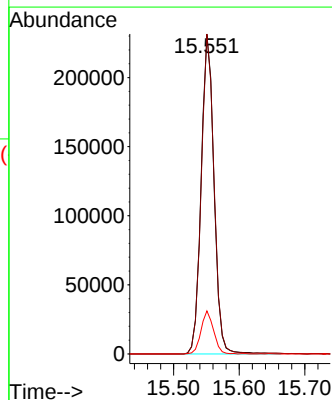
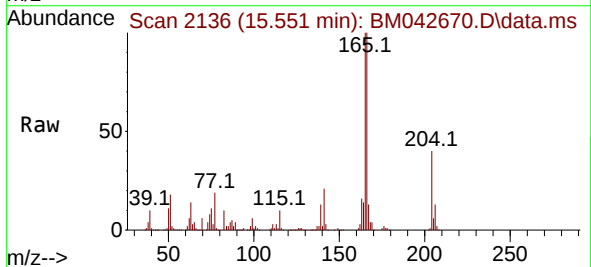
Instrument :
BNA_M
ClientSampleId :
PB156974BS

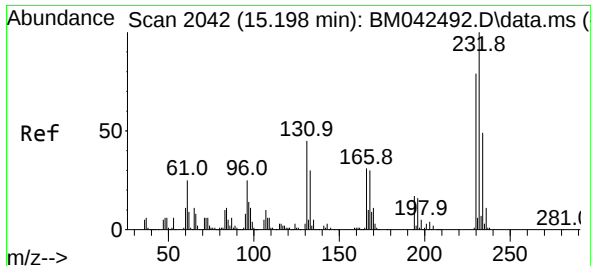
Tgt Ion:165 Resp: 91925
Ion Ratio Lower Upper
165 100
63 103.6 66.7 100.1#
89 111.8 80.2 120.4
182 2.4 2.0 3.0



#58
Fluorene
Concen: 45.664 ng
RT: 15.551 min Scan# 2136
Delta R.T. -0.000 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

Tgt Ion:166 Resp: 315745
Ion Ratio Lower Upper
166 100
165 100.4 79.3 118.9
167 13.5 10.5 15.7

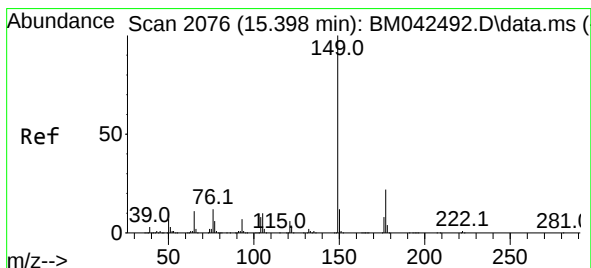
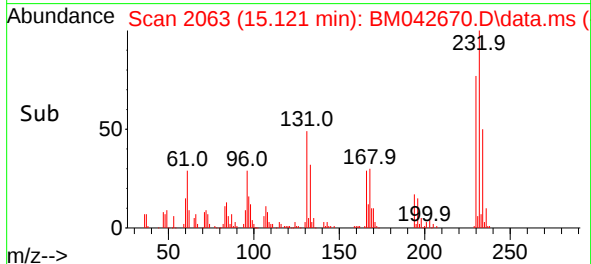
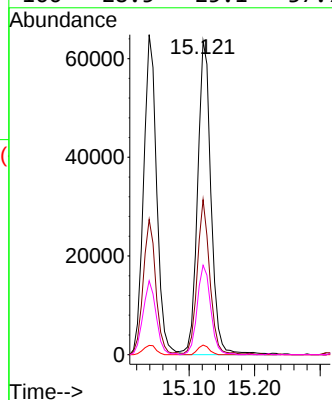
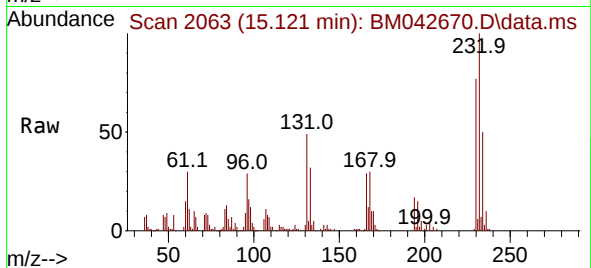




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.714 ng
RT: 15.121 min Scan# 20
Delta R.T. -0.000 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

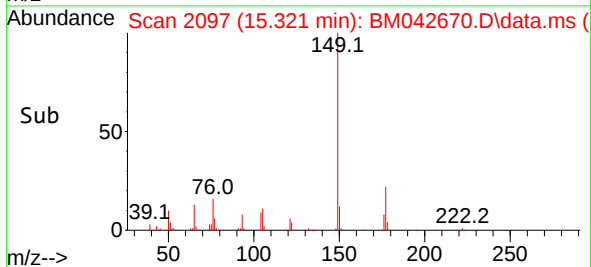
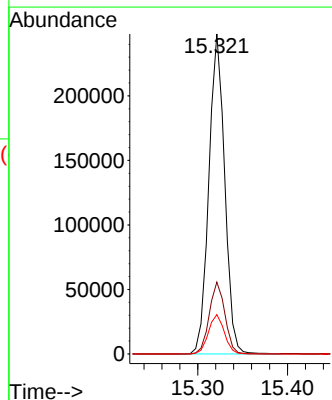
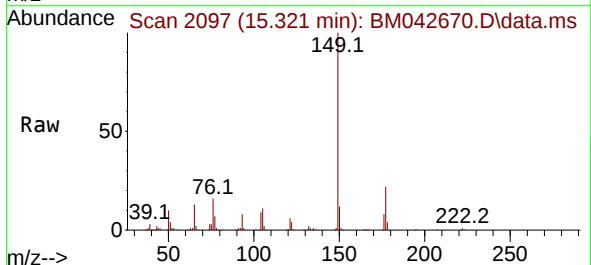
Instrument :
BNA_M
ClientSampleId :
PB156974BS

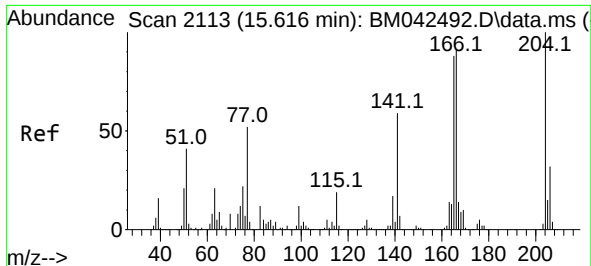
Tgt Ion:232 Resp: 90699
Ion Ratio Lower Upper
232 100
131 45.3 37.2 55.8
130 2.6 2.1 3.1
166 28.5 25.1 37.7



#60
Diethylphthalate
Concen: 42.993 ng
RT: 15.321 min Scan# 2097
Delta R.T. -0.000 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

Tgt Ion:149 Resp: 303572
Ion Ratio Lower Upper
149 100
177 22.4 17.8 26.6
150 12.3 9.8 14.6

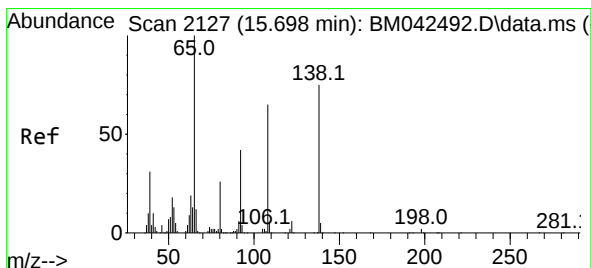
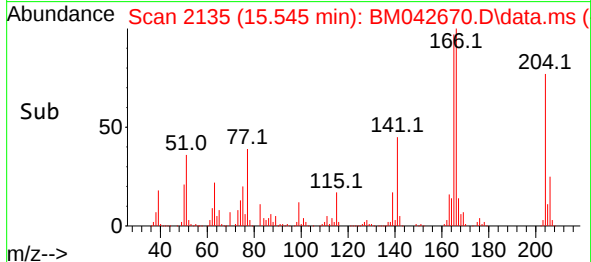
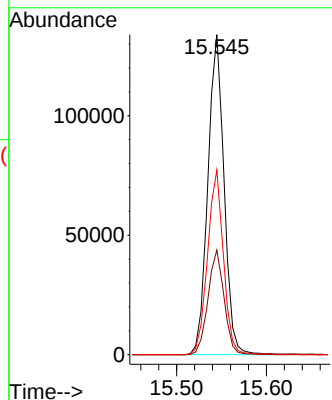
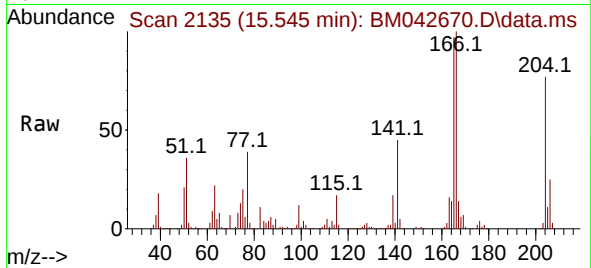




#61
4-Chlorophenyl-phenylether
Concen: 48.044 ng
RT: 15.545 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

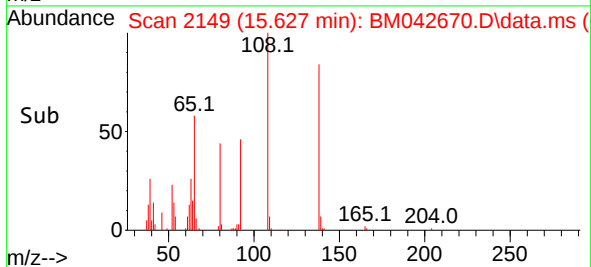
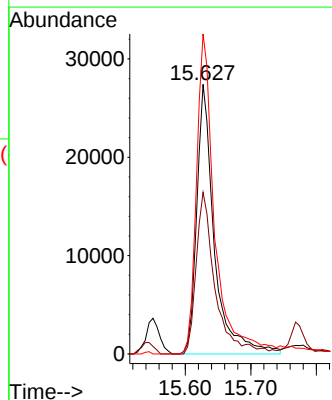
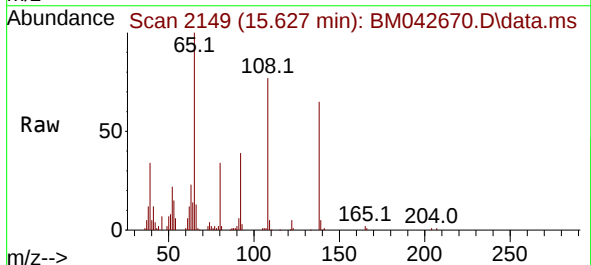
Instrument :
BNA_M
ClientSampleId :
PB156974BS

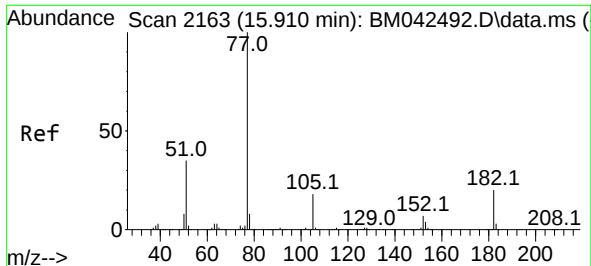
Tgt Ion:204 Resp: 167828
Ion Ratio Lower Upper
204 100
206 32.7 25.9 38.9
141 57.7 46.8 70.2



#62
4-Nitroaniline
Concen: 37.129 ng
RT: 15.627 min Scan# 2149
Delta R.T. -0.000 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

Tgt Ion:138 Resp: 51295
Ion Ratio Lower Upper
138 100
92 60.0 37.0 77.0
108 118.7 67.2 107.2#

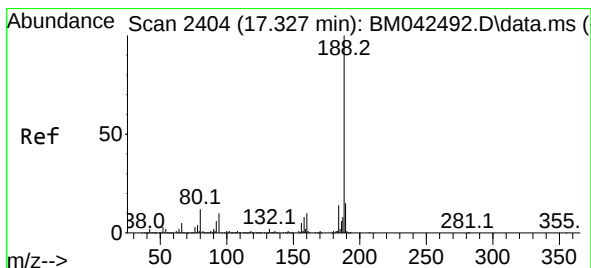
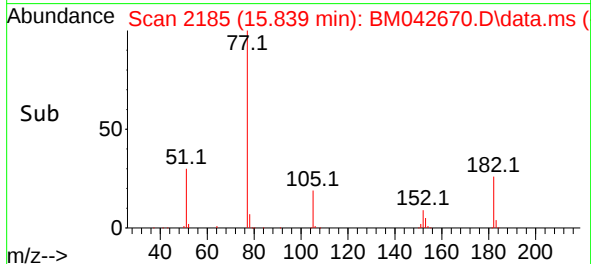
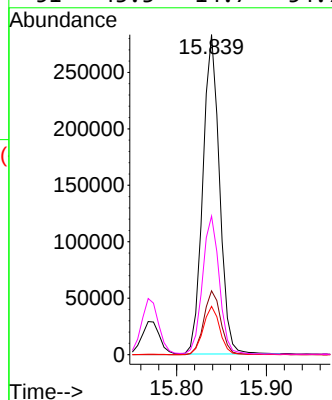
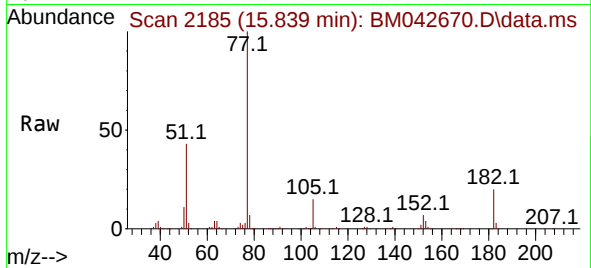




#63
Azobenzene
Concen: 46.852 ng
RT: 15.839 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

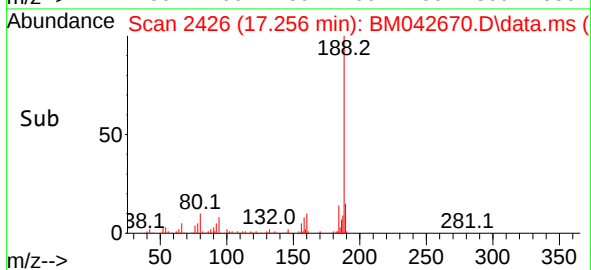
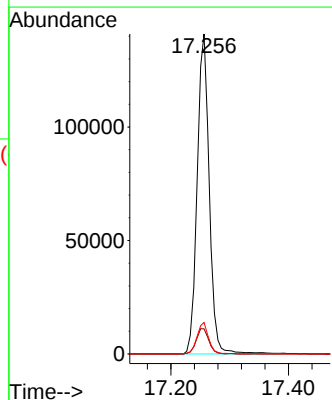
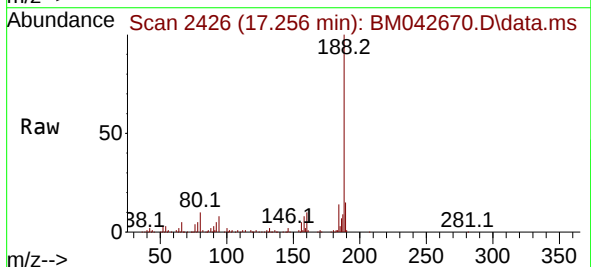
Instrument :
BNA_M
ClientSampleId :
PB156974BS

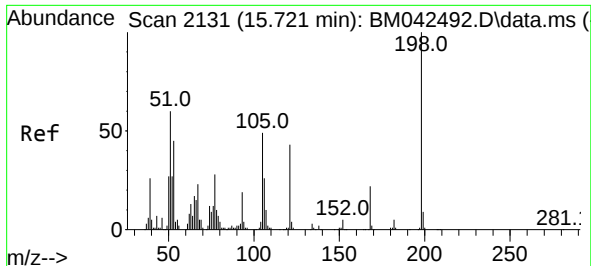
Tgt Ion: 77 Resp: 364552
Ion Ratio Lower Upper
77 100
182 19.9 0.0 40.0
105 15.1 0.0 37.9
51 43.3 14.7 54.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.256 min Scan# 2426
Delta R.T. -0.000 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

Tgt Ion: 188 Resp: 200967
Ion Ratio Lower Upper
188 100
94 7.9 8.2 12.4#
80 9.9 9.4 14.2

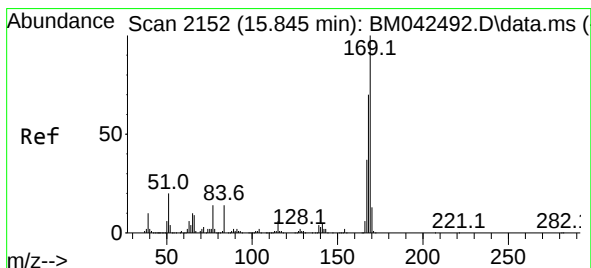
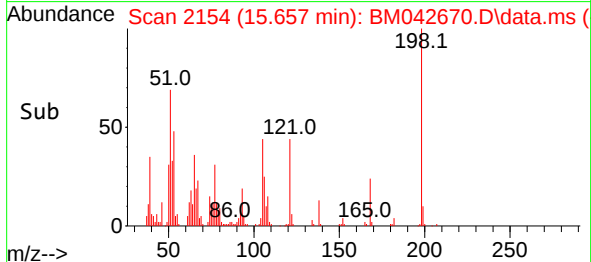
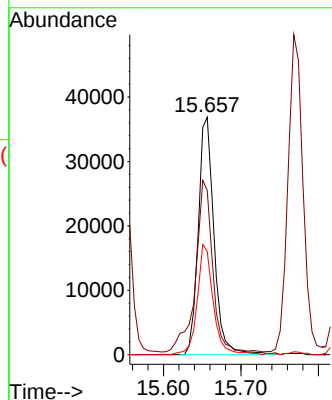
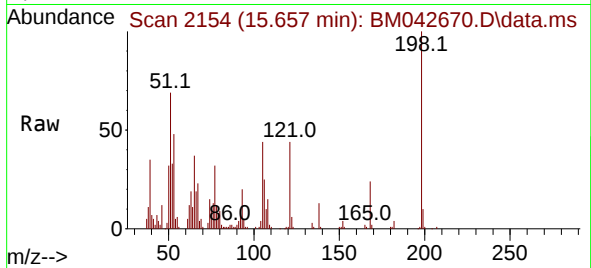




#65
4,6-Dinitro-2-methylphenol
Concen: 41.285 ng
RT: 15.657 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

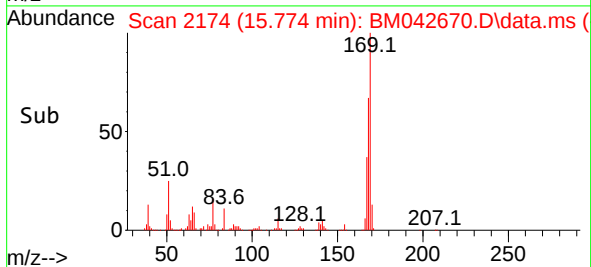
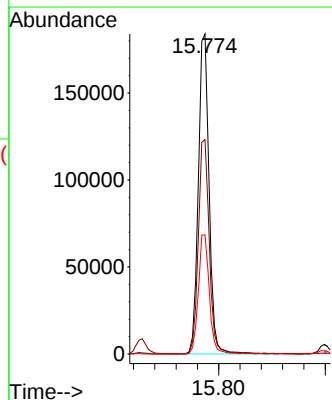
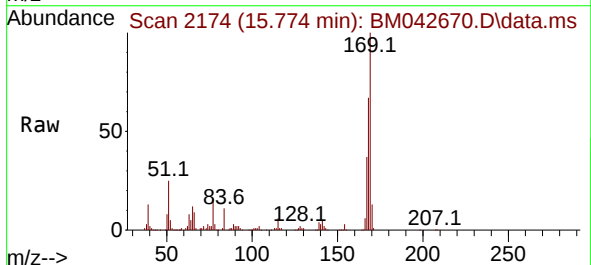
Instrument :
BNA_M
ClientSampleId :
PB156974BS

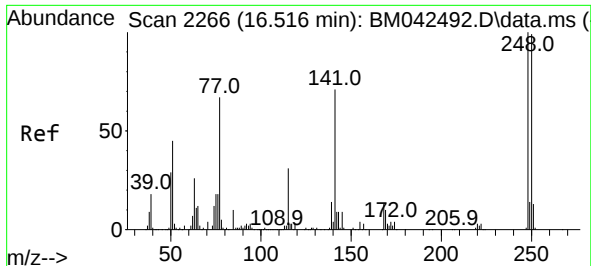
Tgt Ion:198 Resp: 52138
Ion Ratio Lower Upper
198 100
51 69.2 42.4 82.4
105 43.5 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 45.621 ng
RT: 15.774 min Scan# 2174
Delta R.T. -0.000 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

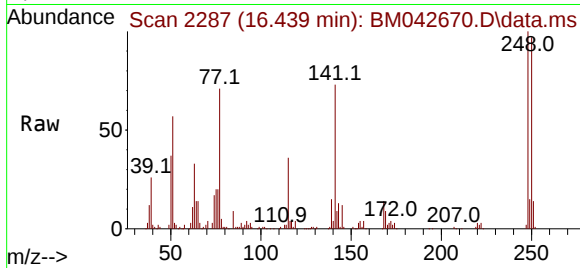
Tgt Ion:169 Resp: 258512
Ion Ratio Lower Upper
169 100
168 67.0 55.9 83.9
167 37.2 29.8 44.8



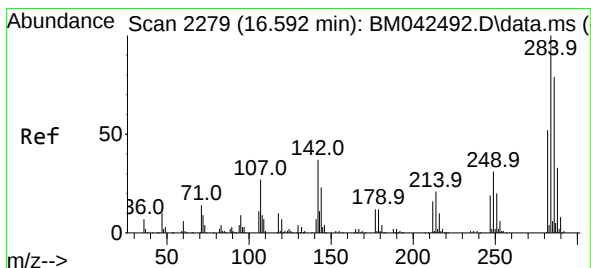
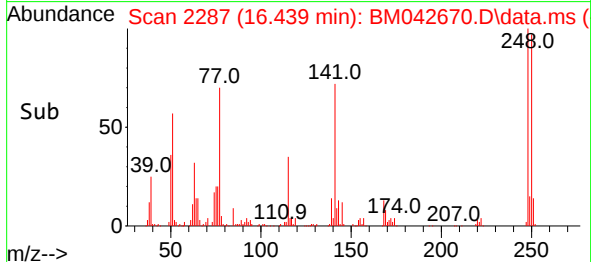
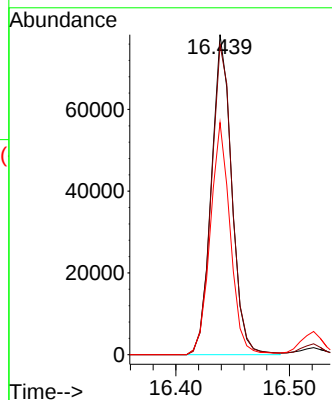


#67
4-Bromophenyl-phenylether
Concen: 48.514 ng
RT: 16.439 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

Instrument :
BNA_M
ClientSampleId :
PB156974BS

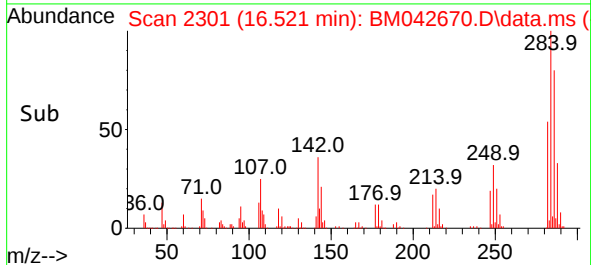
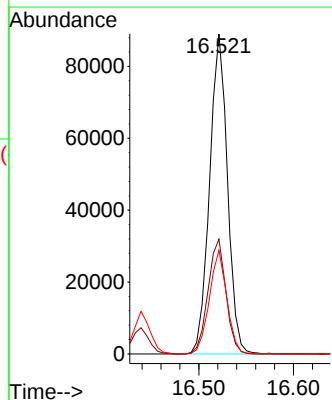
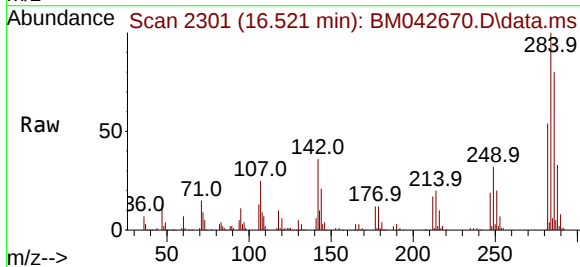


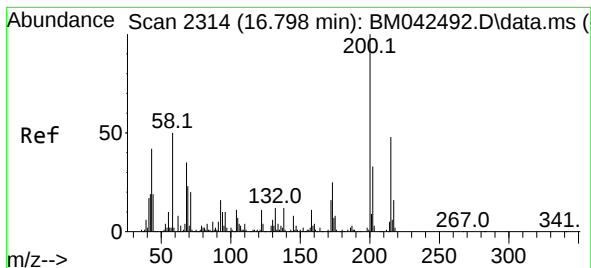
Tgt Ion:248 Resp: 97490
Ion Ratio Lower Upper
248 100
250 96.9 79.4 119.0
141 72.5 57.0 85.6



#68
Hexachlorobenzene
Concen: 52.405 ng
RT: 16.521 min Scan# 2301
Delta R.T. -0.000 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

Tgt Ion:284 Resp: 116503
Ion Ratio Lower Upper
284 100
142 35.9 29.8 44.6
249 32.3 25.1 37.7





#69

Atrazine

Concen: 36.068 ng

RT: 16.721 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM042670.D

Acq: 09 Nov 2023 13:51

Instrument :

BNA_M

ClientSampleId :

PB156974BS

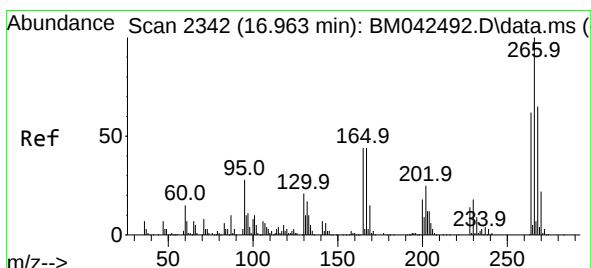
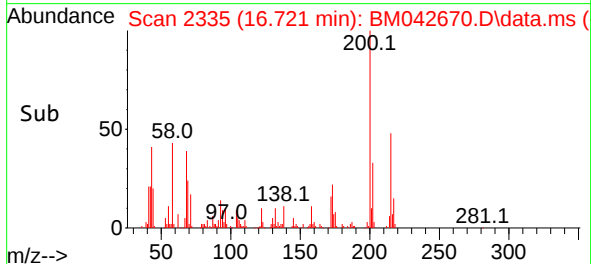
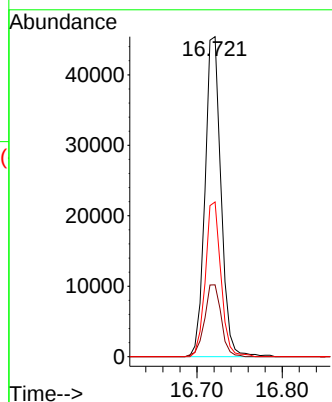
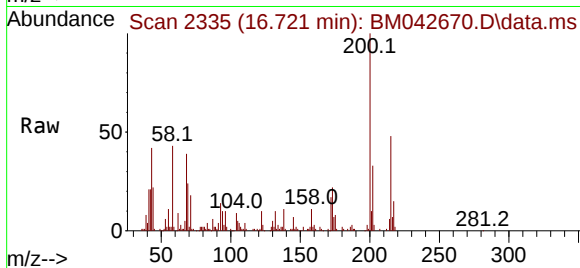
Tgt Ion:200 Resp: 59057

Ion Ratio Lower Upper

200 100

173 22.4 5.4 45.4

215 48.3 27.9 67.9



#70

Pentachlorophenol

Concen: 88.305 ng

RT: 16.886 min Scan# 2363

Delta R.T. -0.000 min

Lab File: BM042670.D

Acq: 09 Nov 2023 13:51

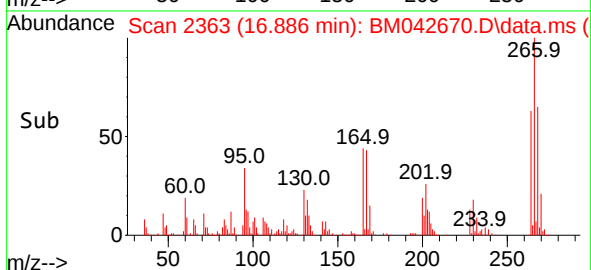
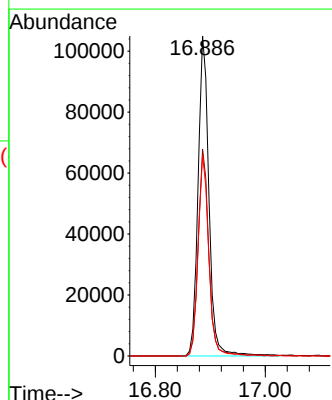
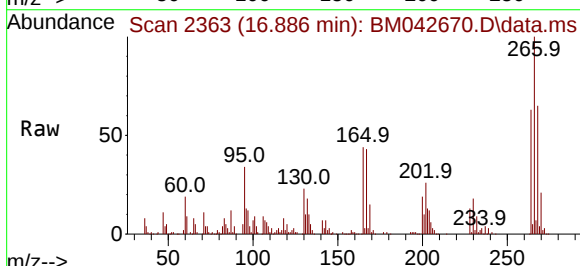
Tgt Ion:266 Resp: 144326

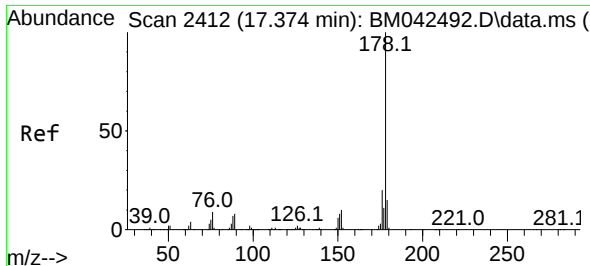
Ion Ratio Lower Upper

266 100

268 64.6 51.7 77.5

264 62.8 49.4 74.2

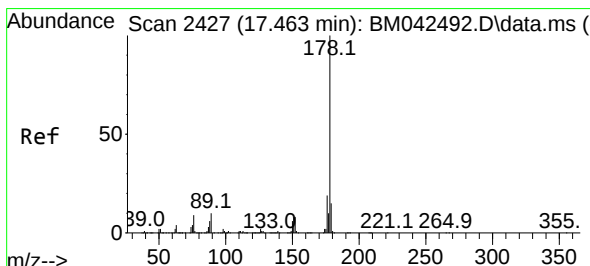
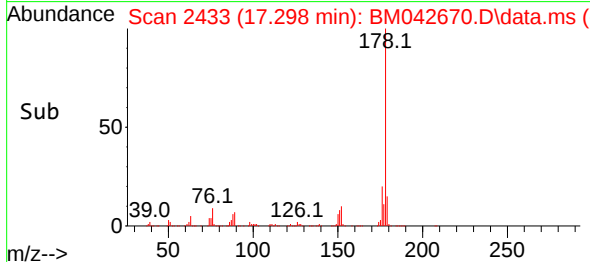
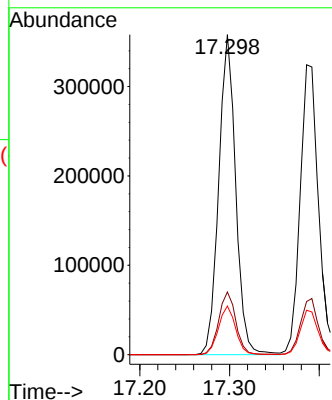
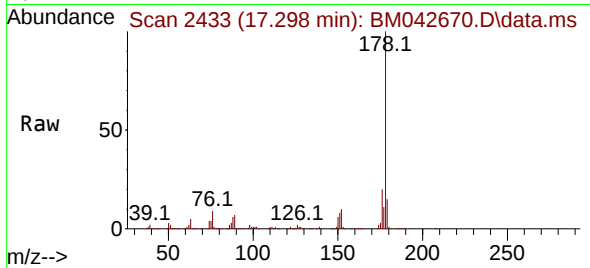




#71
Phenanthrene
Concen: 44.723 ng
RT: 17.298 min Scan# 2412
Delta R.T. -0.000 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

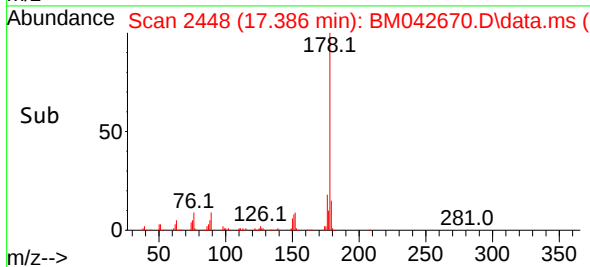
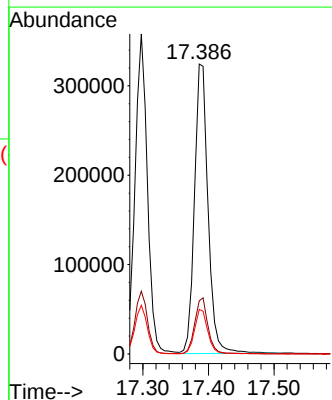
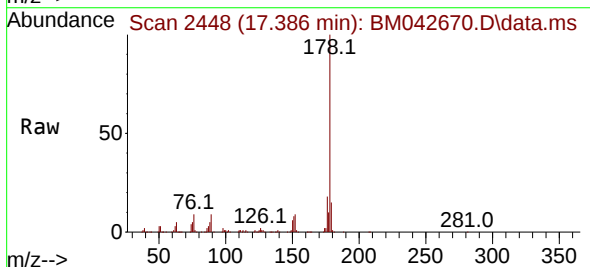
Instrument :
BNA_M
ClientSampleId :
PB156974BS

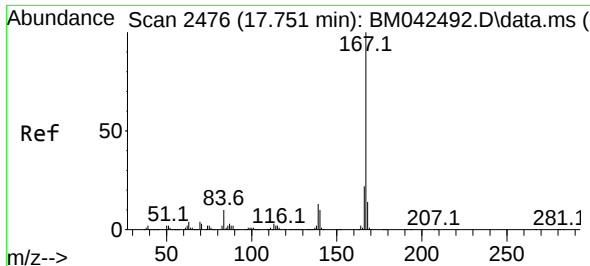
Tgt Ion:178 Resp: 469698
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.8
179 15.2 12.2 18.4



#72
Anthracene
Concen: 44.885 ng
RT: 17.386 min Scan# 2448
Delta R.T. -0.006 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

Tgt Ion:178 Resp: 466911
Ion Ratio Lower Upper
178 100
176 18.3 15.2 22.8
179 15.4 12.3 18.5

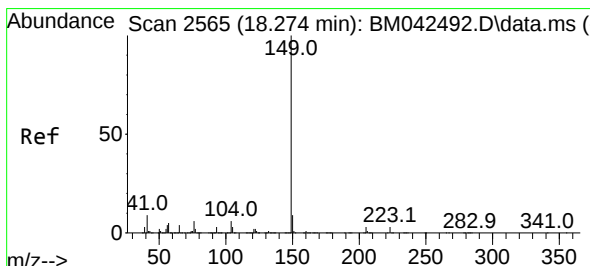
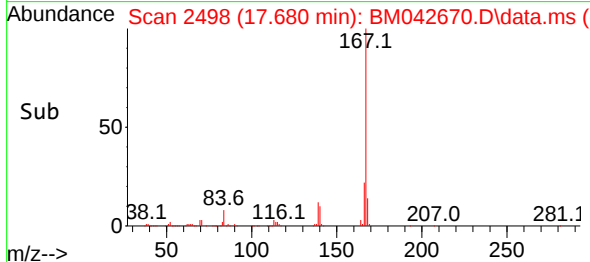
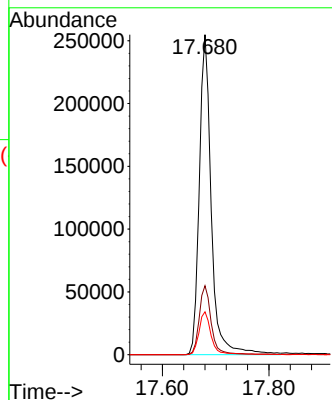
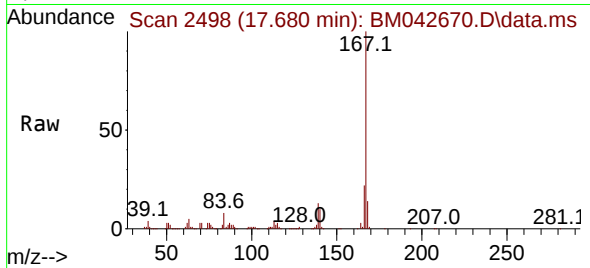




#73
 Carbazole
 Concen: 46.999 ng
 RT: 17.680 min Scan# 24
 Delta R.T. -0.000 min
 Lab File: BM042670.D
 Acq: 09 Nov 2023 13:51

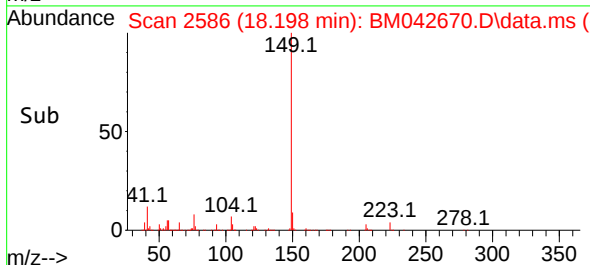
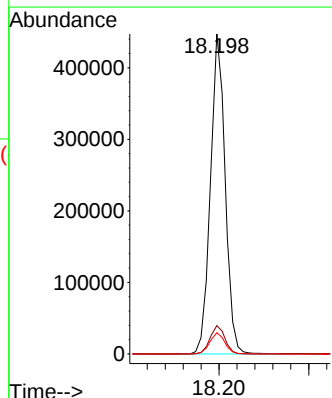
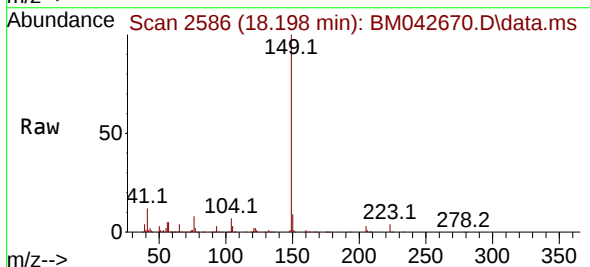
Instrument :
 BNA_M
 ClientSampleId :
 PB156974BS

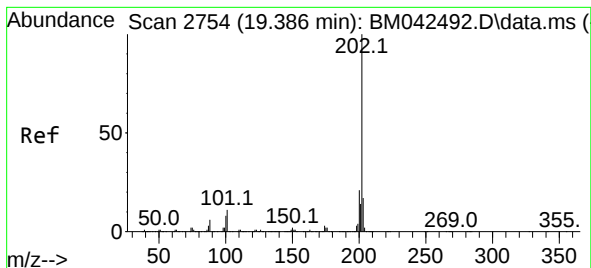
Tgt Ion:167 Resp: 397738
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.2
 139 13.4 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 42.851 ng
 RT: 18.198 min Scan# 2586
 Delta R.T. -0.000 min
 Lab File: BM042670.D
 Acq: 09 Nov 2023 13:51

Tgt Ion:149 Resp: 509236
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.0 10.6
 104 6.7 4.6 6.8





#75

Fluoranthene

Concen: 44.156 ng

RT: 19.315 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM042670.D

Acq: 09 Nov 2023 13:51

Instrument :

BNA_M

ClientSampleId :

PB156974BS

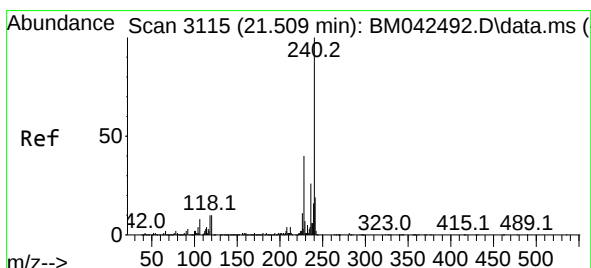
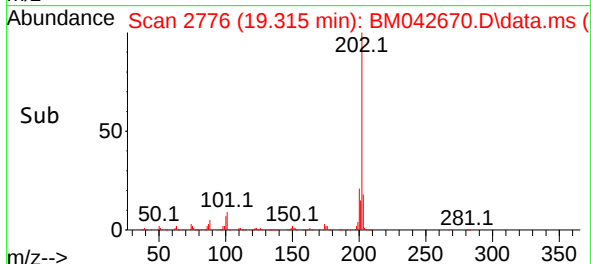
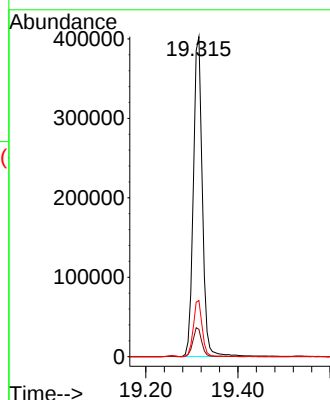
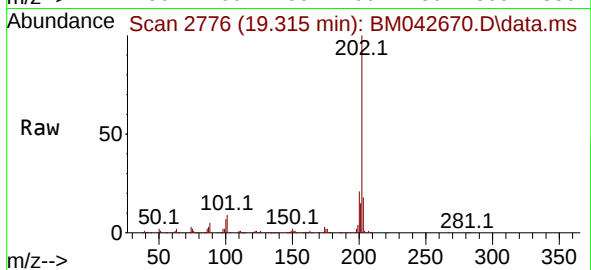
Tgt Ion:202 Resp: 544747

Ion Ratio Lower Upper

202 100

101 8.6 0.0 30.5

203 17.5 0.0 37.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.438 min Scan# 3137

Delta R.T. -0.000 min

Lab File: BM042670.D

Acq: 09 Nov 2023 13:51

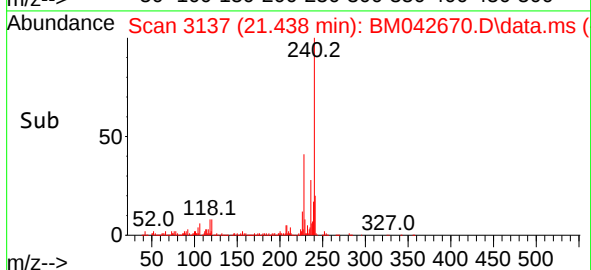
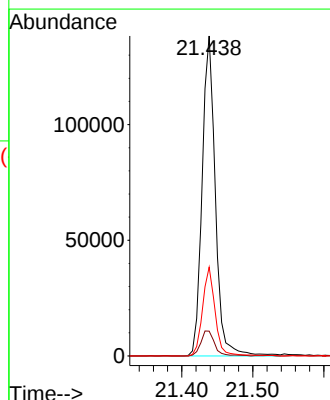
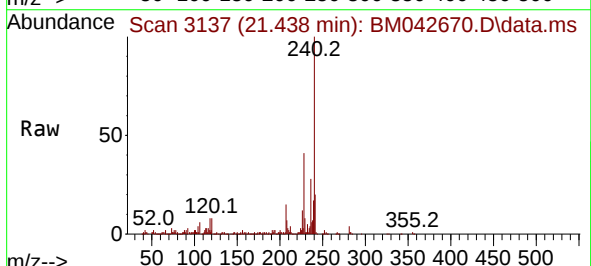
Tgt Ion:240 Resp: 179730

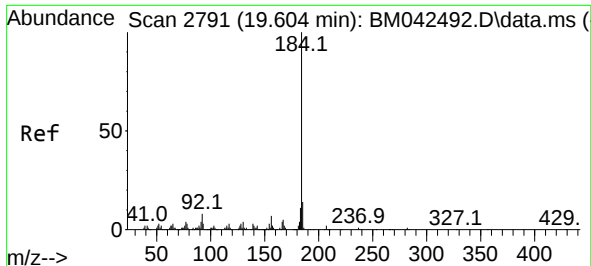
Ion Ratio Lower Upper

240 100

120 7.8 8.3 12.5#

236 27.7 20.8 31.2

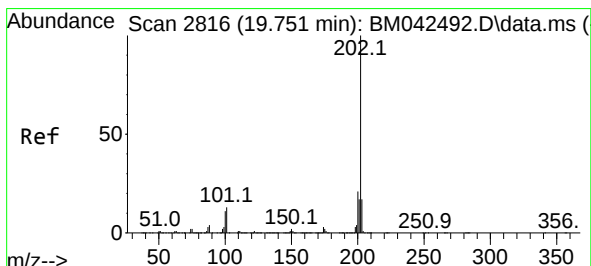
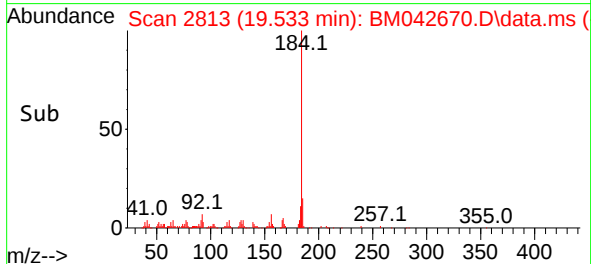
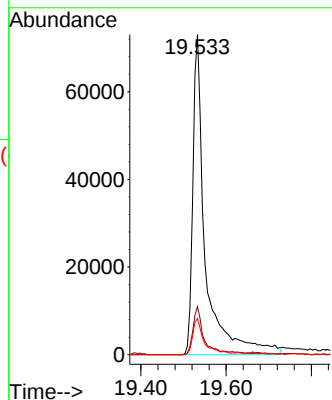
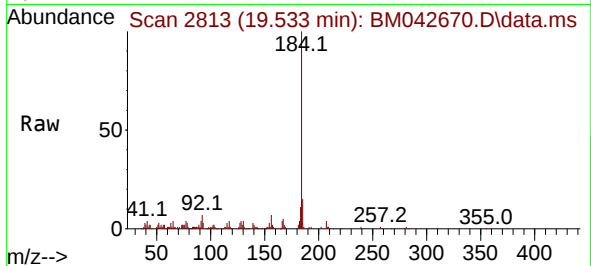




#77
Benzidine
Concen: 86.897 ng
RT: 19.533 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

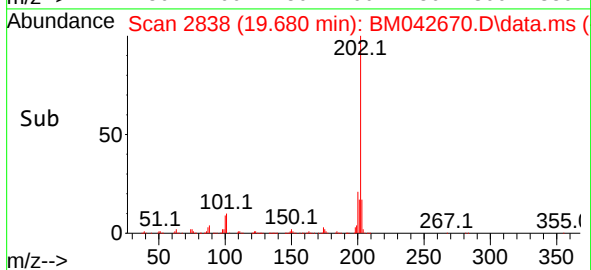
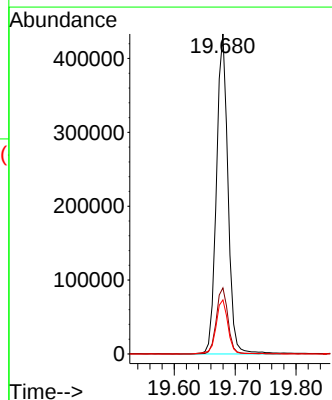
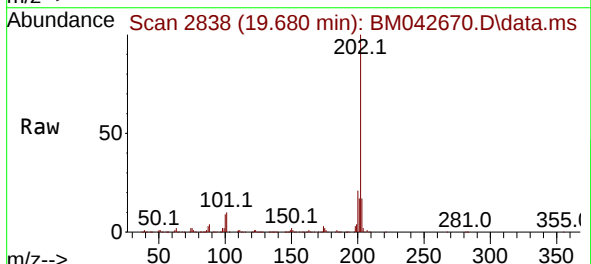
Instrument :
BNA_M
ClientSampleId :
PB156974BS

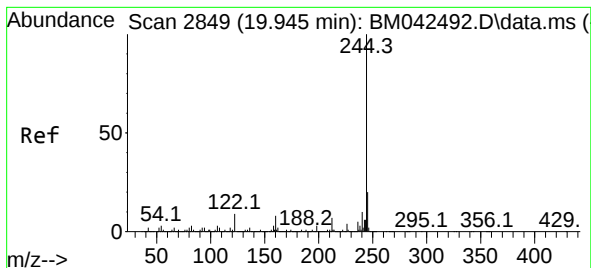
Tgt Ion:184 Resp: 149813
Ion Ratio Lower Upper
184 100
185 15.0 11.2 16.8
183 11.3 9.0 13.4



#78
Pyrene
Concen: 46.313 ng
RT: 19.680 min Scan# 2838
Delta R.T. -0.000 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

Tgt Ion:202 Resp: 571565
Ion Ratio Lower Upper
202 100
200 20.6 16.9 25.3
203 16.9 13.7 20.5





#79

Terphenyl-d14

Concen: 95.724 ng

RT: 19.874 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM042670.D

Acq: 09 Nov 2023 13:51

Instrument :

BNA_M

ClientSampleId :

PB156974BS

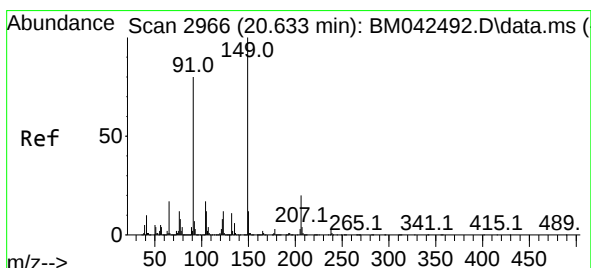
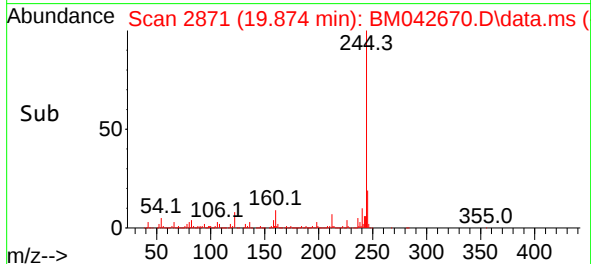
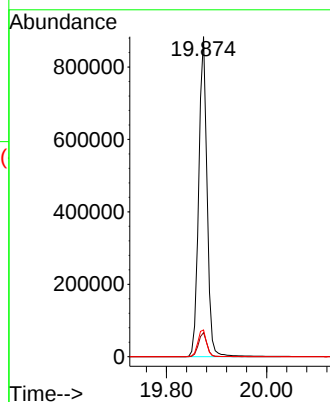
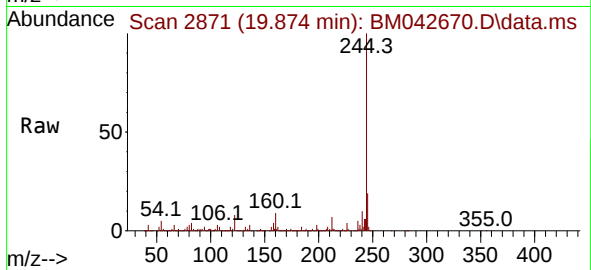
Tgt Ion:244 Resp: 1014653

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.2

122 8.3 7.2 10.8



#80

Butylbenzylphthalate

Concen: 41.681 ng

RT: 20.562 min Scan# 2988

Delta R.T. -0.000 min

Lab File: BM042670.D

Acq: 09 Nov 2023 13:51

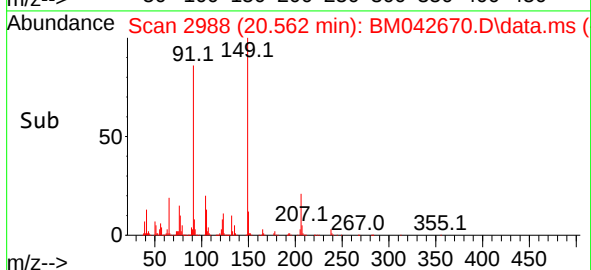
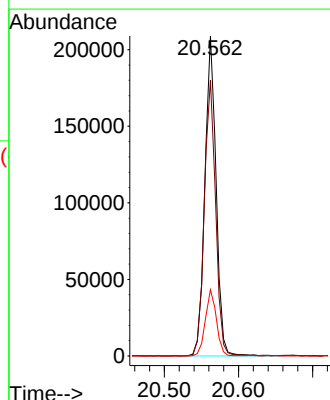
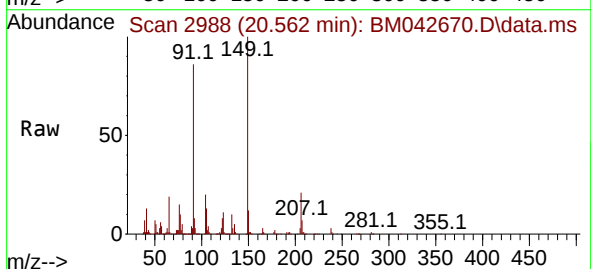
Tgt Ion:149 Resp: 219704

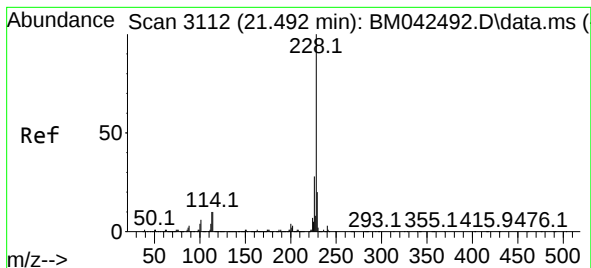
Ion Ratio Lower Upper

149 100

91 86.2 64.2 96.4

206 20.7 16.1 24.1





#81

Benzo(a)anthracene

Concen: 45.818 ng

RT: 21.421 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BM042670.D

Acq: 09 Nov 2023 13:51

Instrument :

BNA_M

ClientSampleId :

PB156974BS

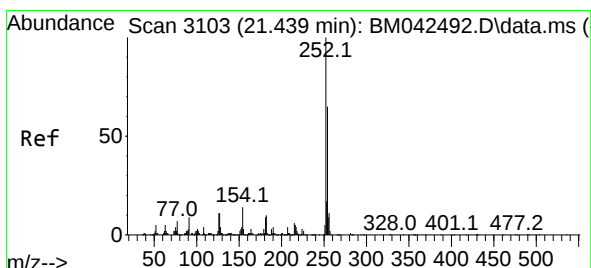
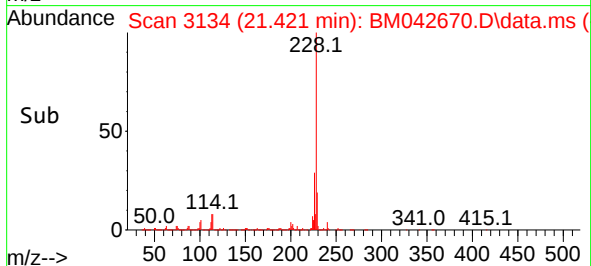
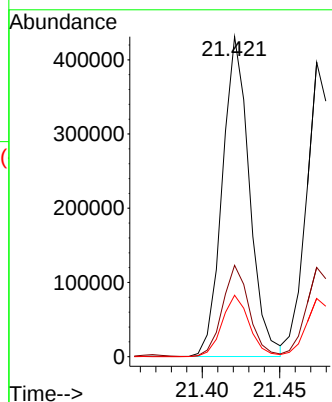
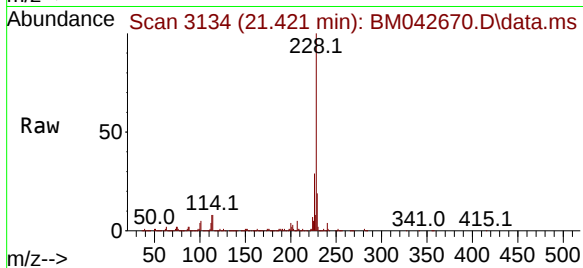
Tgt Ion:228 Resp: 523946

Ion Ratio Lower Upper

228 100

226 28.6 22.3 33.5

229 19.2 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 52.220 ng

RT: 21.368 min Scan# 3125

Delta R.T. -0.006 min

Lab File: BM042670.D

Acq: 09 Nov 2023 13:51

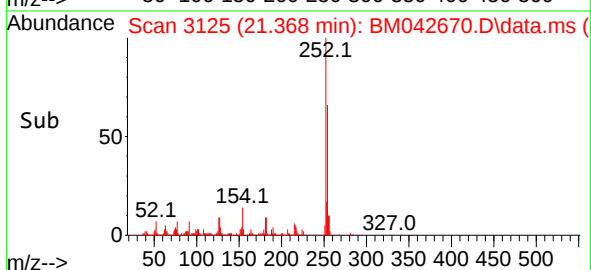
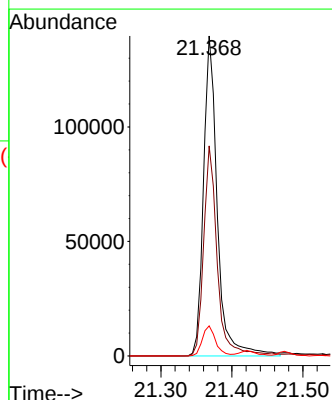
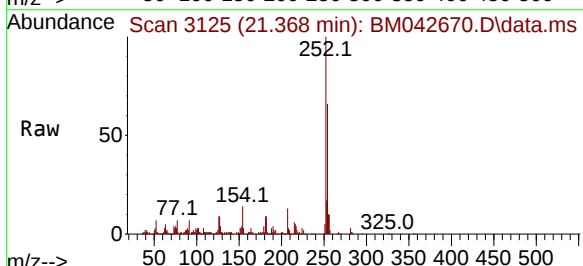
Tgt Ion:252 Resp: 189785

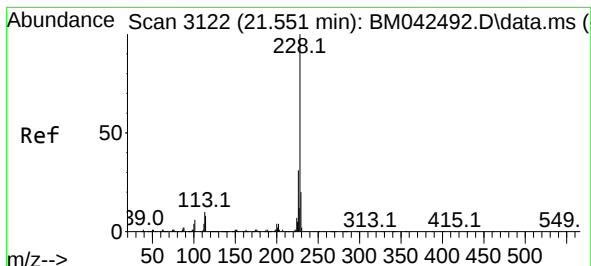
Ion Ratio Lower Upper

252 100

254 65.7 52.2 78.4

126 9.4 8.9 13.3





#83

Chrysene

Concen: 43.189 ng

RT: 21.474 min Scan# 3115

Delta R.T. -0.006 min

Lab File: BM042670.D

Acq: 09 Nov 2023 13:51

Instrument :

BNA_M

ClientSampleId :

PB156974BS

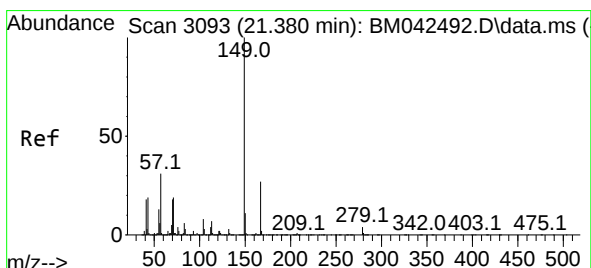
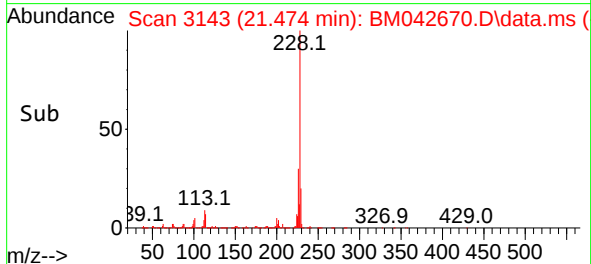
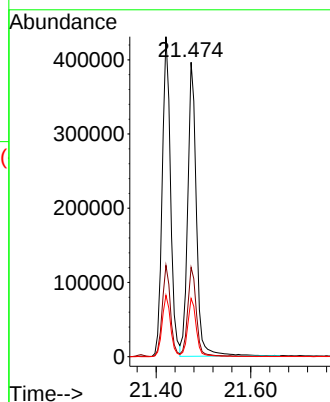
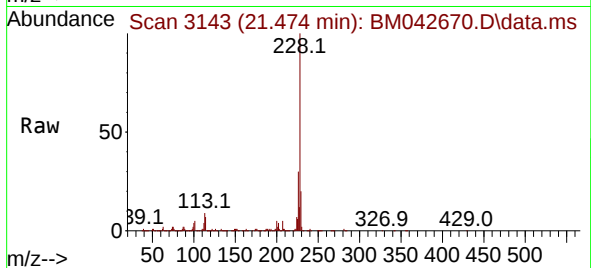
Tgt Ion:228 Resp: 501686

Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

229 19.8 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.126 ng

RT: 21.309 min Scan# 3115

Delta R.T. -0.000 min

Lab File: BM042670.D

Acq: 09 Nov 2023 13:51

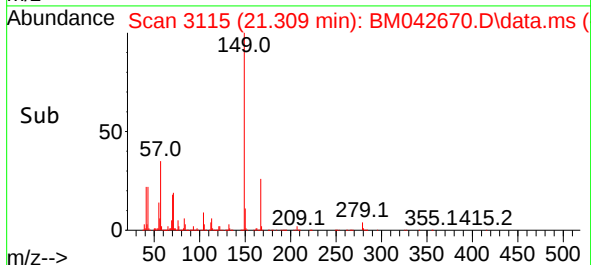
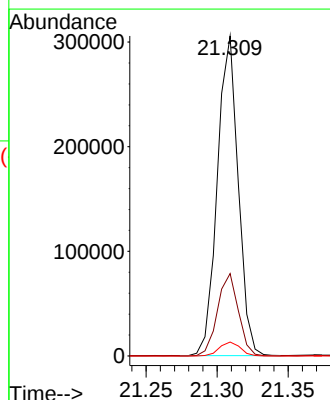
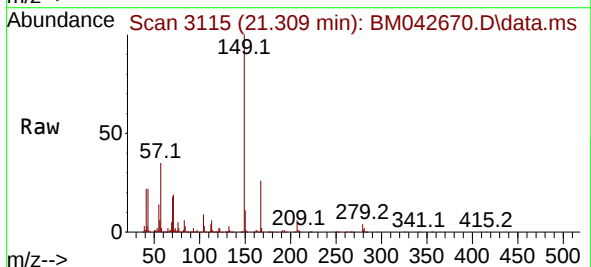
Tgt Ion:149 Resp: 311691

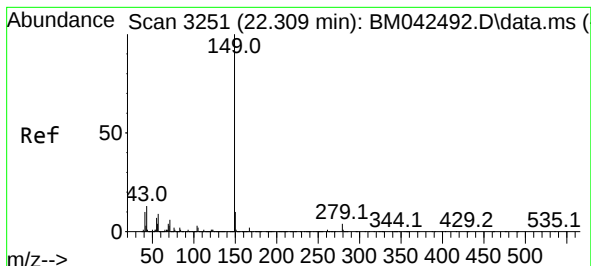
Ion Ratio Lower Upper

149 100

167 25.8 21.4 32.0

279 4.3 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 38.416 ng

RT: 22.221 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM042670.D

Acq: 09 Nov 2023 13:51

Instrument :

BNA_M

ClientSampleId :

PB156974BS

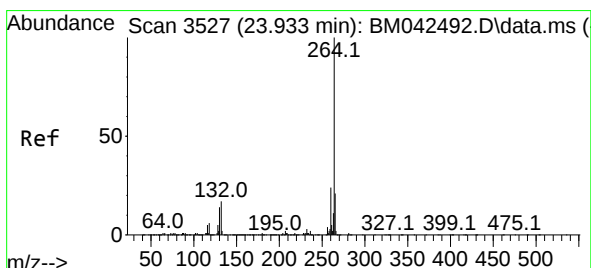
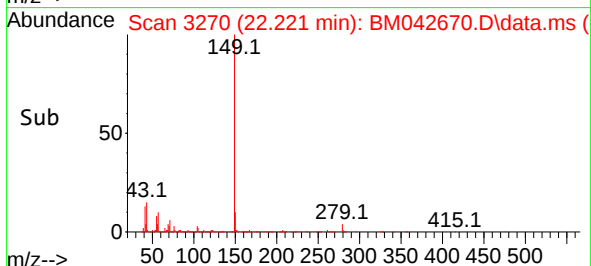
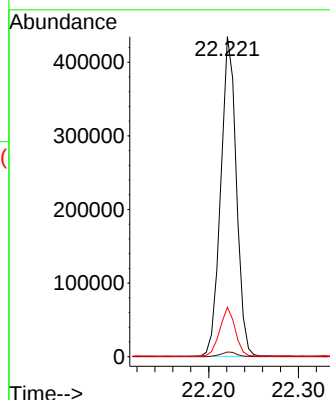
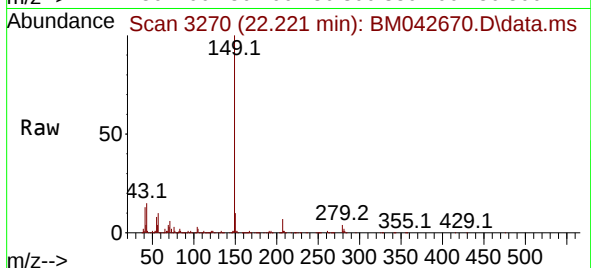
Tgt Ion:149 Resp: 526760

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 15.0 10.2 15.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.815 min Scan# 3541

Delta R.T. -0.000 min

Lab File: BM042670.D

Acq: 09 Nov 2023 13:51

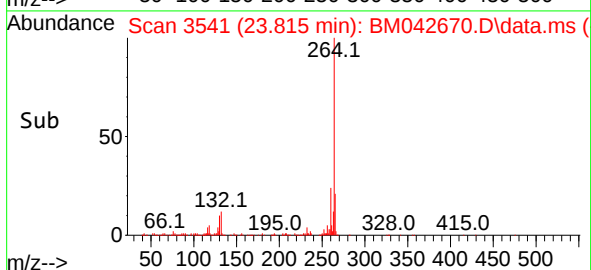
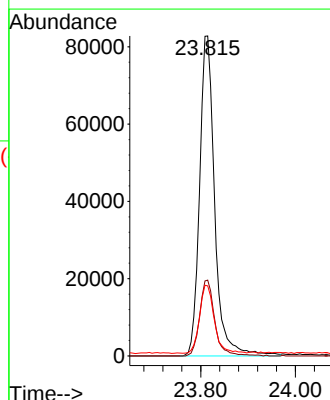
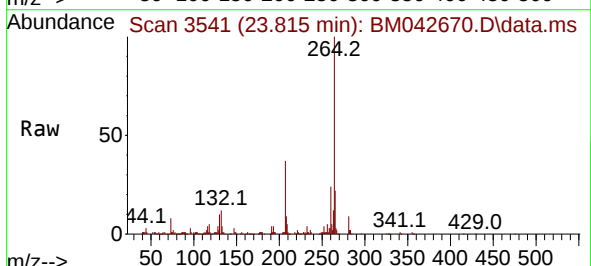
Tgt Ion:264 Resp: 183256

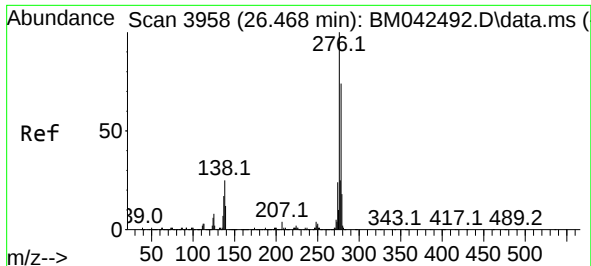
Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.4

265 21.9 18.7 28.1

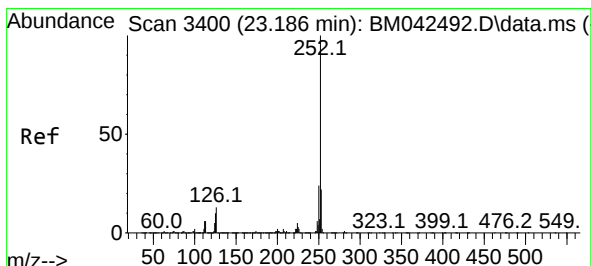
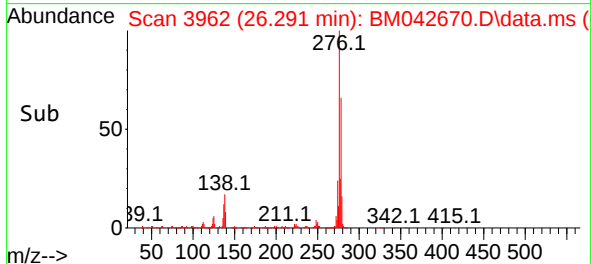
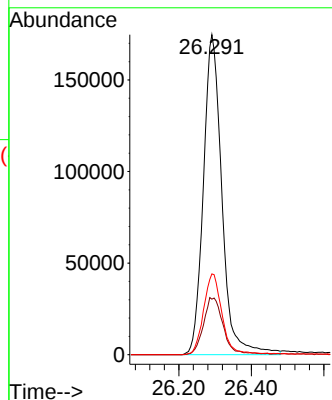
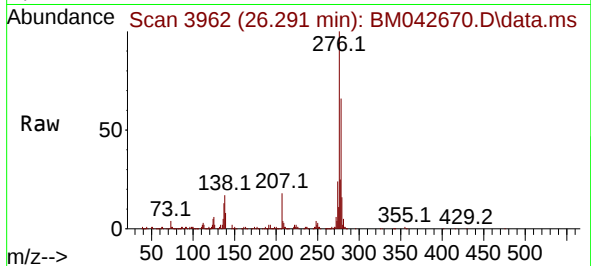




#87
Indeno(1,2,3-cd)pyrene
Concen: 56.870 ng
RT: 26.291 min Scan# 3958
Delta R.T. -0.012 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

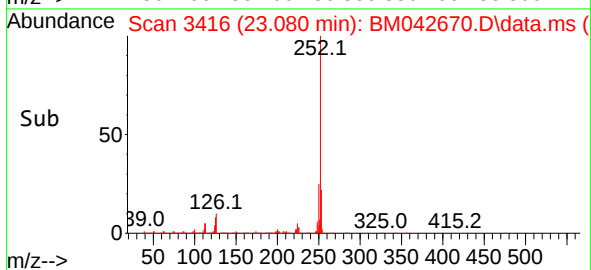
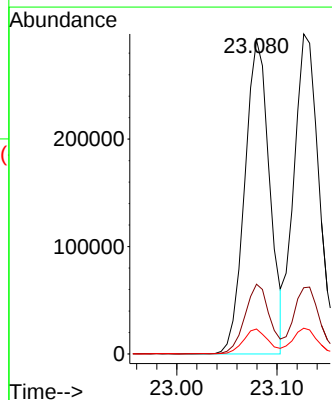
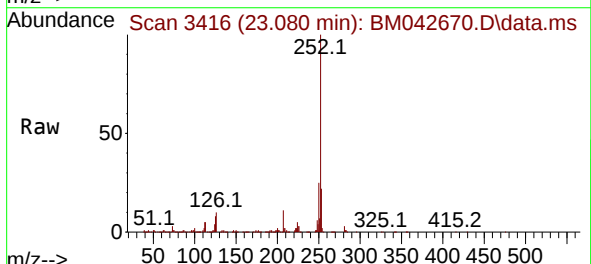
Instrument :
BNA_M
ClientSampleId :
PB156974BS

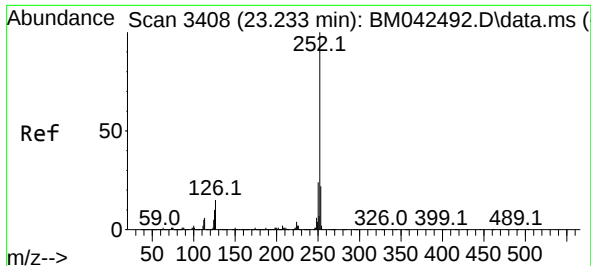
Tgt Ion:276 Resp: 620274
Ion Ratio Lower Upper
276 100
138 18.9 20.6 31.0#
277 25.1 19.5 29.3



#88
Benzo(b)fluoranthene
Concen: 49.388 ng
RT: 23.080 min Scan# 3416
Delta R.T. -0.006 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

Tgt Ion:252 Resp: 504232
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 8.0 7.8 11.6

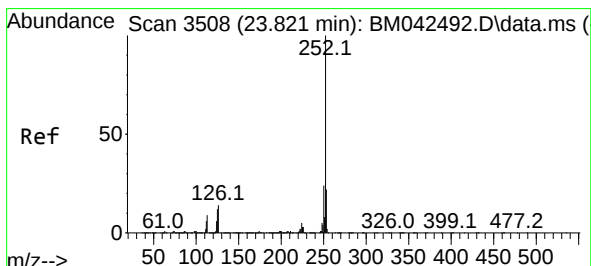
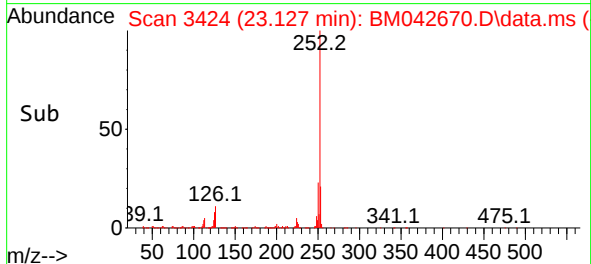
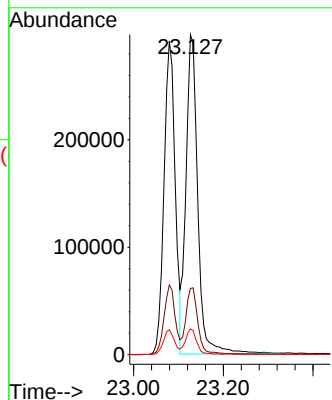
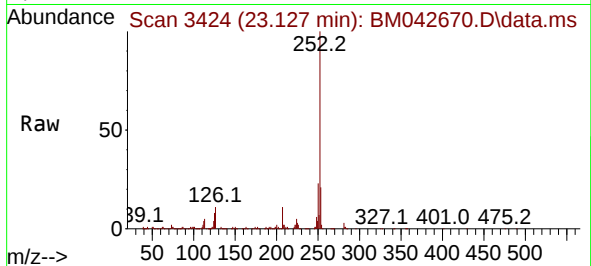




#89
Benzo(k)fluoranthene
Concen: 47.600 ng
RT: 23.127 min Scan# 34
Delta R.T. -0.012 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

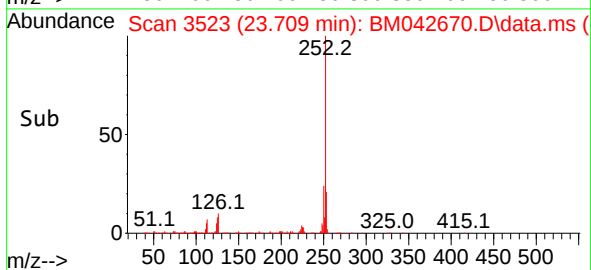
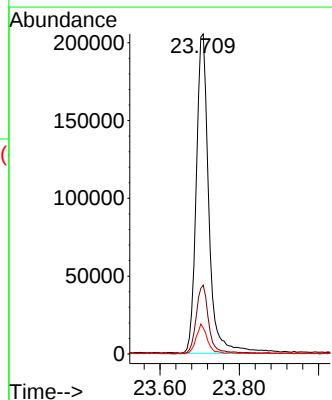
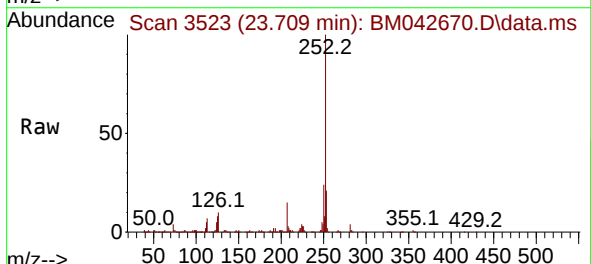
Instrument :
BNA_M
ClientSampleId :
PB156974BS

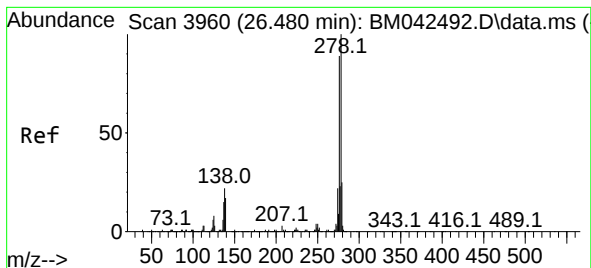
Tgt Ion:252 Resp: 541521
Ion Ratio Lower Upper
252 100
253 20.7 17.6 26.4
125 8.1 8.2 12.4#



#90
Benzo(a)pyrene
Concen: 45.151 ng
RT: 23.709 min Scan# 3523
Delta R.T. -0.006 min
Lab File: BM042670.D
Acq: 09 Nov 2023 13:51

Tgt Ion:252 Resp: 453837
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 8.2 9.4 14.2#





#91

Dibenzo(a,h)anthracene

Concen: 51.796 ng

RT: 26.309 min Scan# 3965

Delta R.T. -0.006 min

Lab File: BM042670.D

Acq: 09 Nov 2023 13:51

Instrument :

BNA_M

ClientSampleId :

PB156974BS

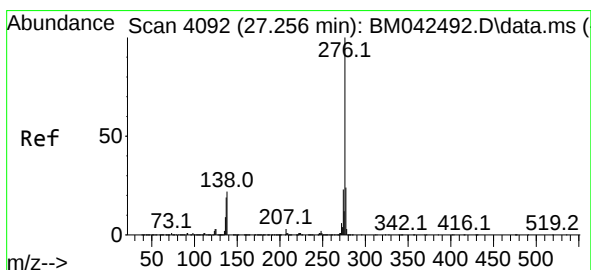
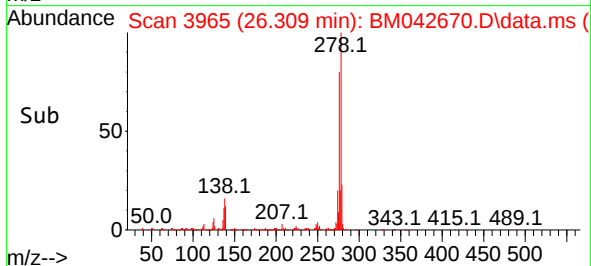
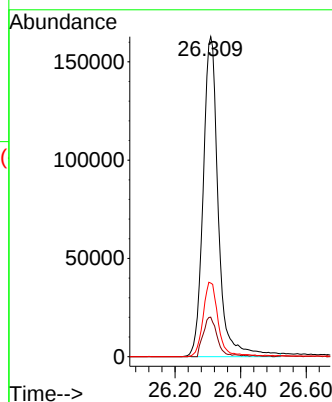
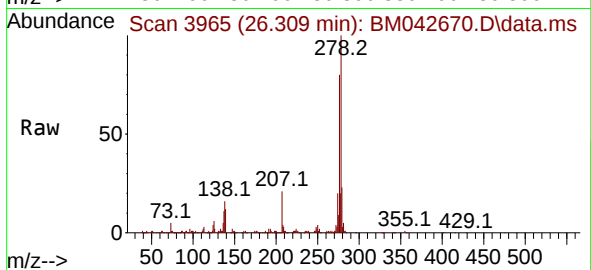
Tgt Ion:278 Resp: 525145

Ion Ratio Lower Upper

278 100

139 12.3 13.4 20.2#

279 23.0 19.7 29.5



#92

Benzo(g,h,i)perylene

Concen: 55.727 ng

RT: 27.062 min Scan# 4093

Delta R.T. -0.018 min

Lab File: BM042670.D

Acq: 09 Nov 2023 13:51

Tgt Ion:276 Resp: 535701

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 16.8 17.3 25.9#

