

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020323\
 Data File : BM038692.D
 Acq On : 03 Feb 2023 23:02
 Operator : CG/JU
 Sample : 01375-01RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MANHOLERE

Quant Time: Feb 04 05:23:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 04 05:17:53 2023
 Response via : Initial Calibration

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

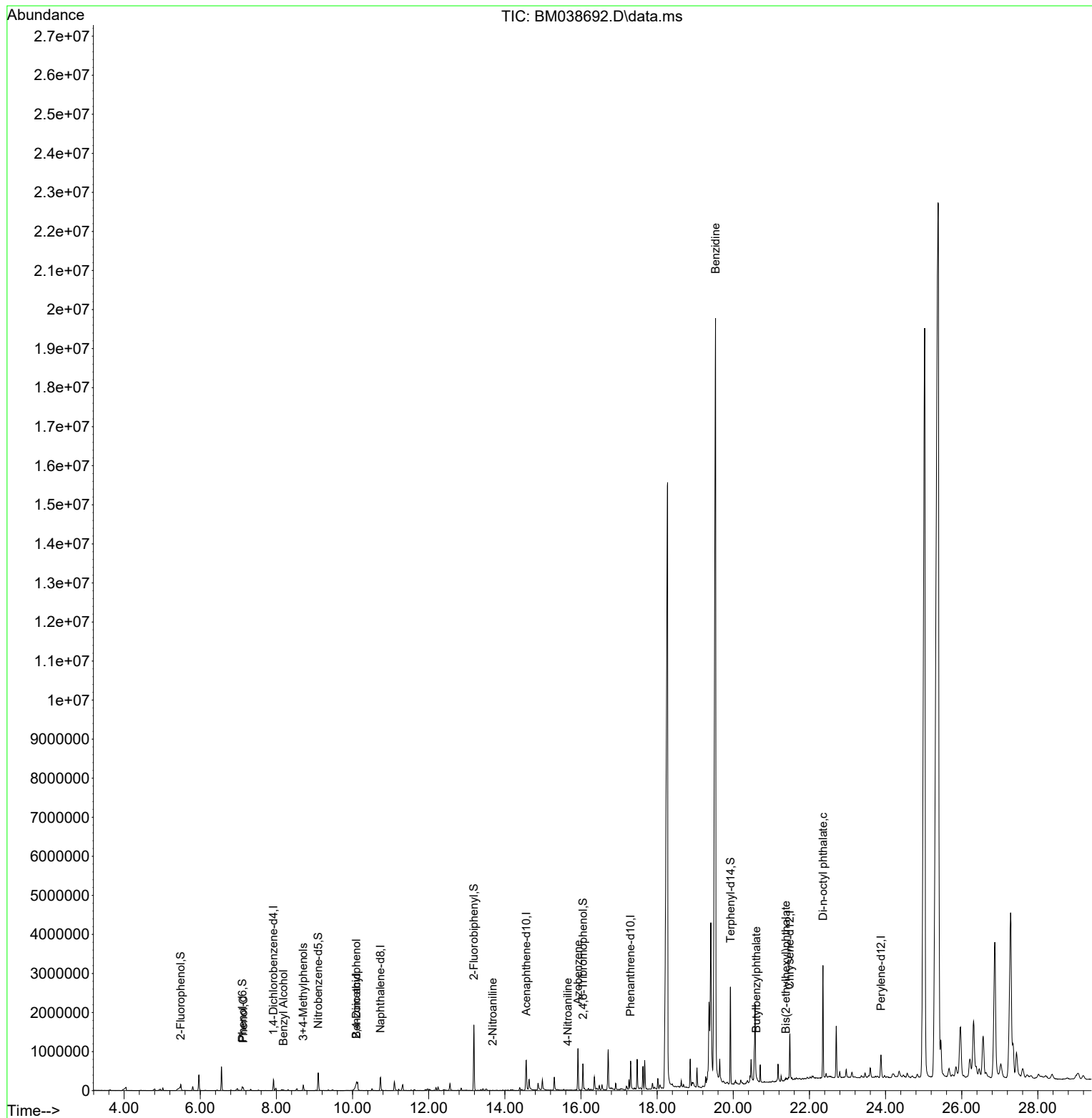
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	78255	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	280694	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	204963	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	427016	20.000	ng	0.00
76) Chrysene-d12	21.486	240	348055	20.000	ng	0.00
86) Perylene-d12	23.880	264	413999	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	66406	16.623	ng	0.00
7) Phenol-d6	7.104	99	50356	11.052	ng	0.00
23) Nitrobenzene-d5	9.098	82	241123	48.793	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	122850	44.097	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	837853	52.042	ng	0.00
79) Terphenyl-d14	19.927	244	1075296	54.519	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.128	94	35920	7.804	ng	96
15) Benzyl Alcohol	8.181	79	8022	2.392	ng	91
20) 3+4-Methylphenols	8.704	107	59292	12.596	ng	92
27) 2,4-Dimethylphenol	10.098	122	81315	20.192	ng	# 3
32) Benzoic acid	10.098	122	81315	24.945	ng	97
48) 2-Nitroaniline	13.680	65	127	2.213	ng	# 1
62) 4-Nitroaniline	15.657	138	1199	2.172	ng	# 12
63) Azobenzene	15.921	77	265558	21.783	ng	# 1
77) Benzidine	19.533	184	6516	3.696	ng	# 1
80) Butylbenzylphthalate	20.609	149	4645	2.279	ng	# 87
84) Bis(2-ethylhexyl)phtha...	21.380	149	20280	2.508	ng	# 96
85) Di-n-octyl phthalate	22.356	149	479444	15.200	ng	# 56

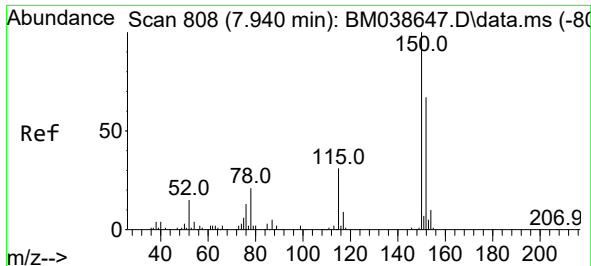
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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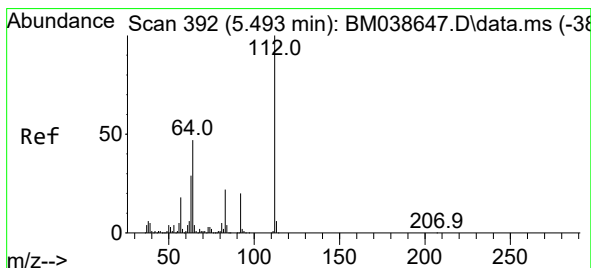
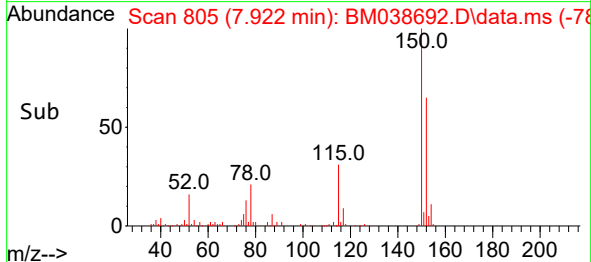
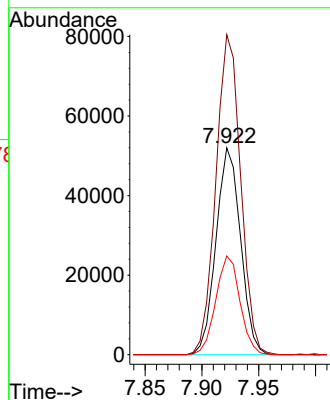
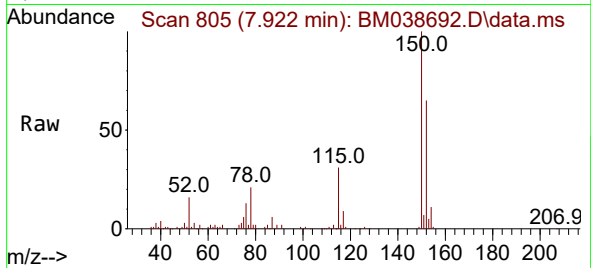




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 808
Delta R.T. -0.000 min
Lab File: BM038692.D
Acq: 03 Feb 2023 23:02

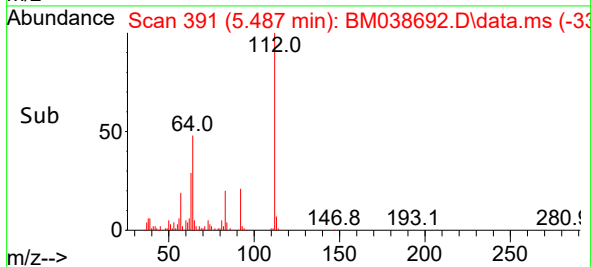
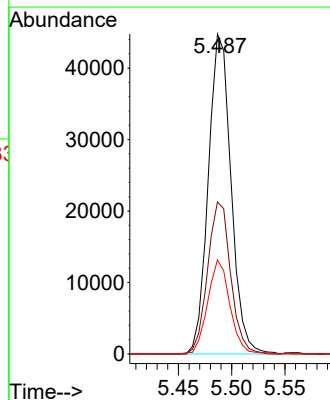
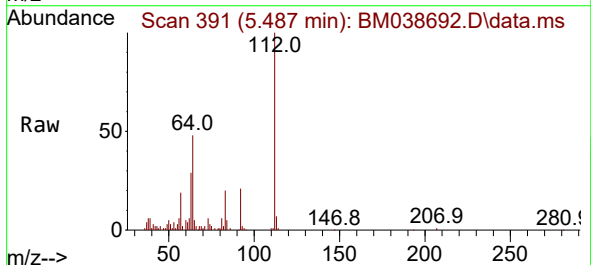
Instrument :
BNA_M
ClientSampleId :
MANHOLERE

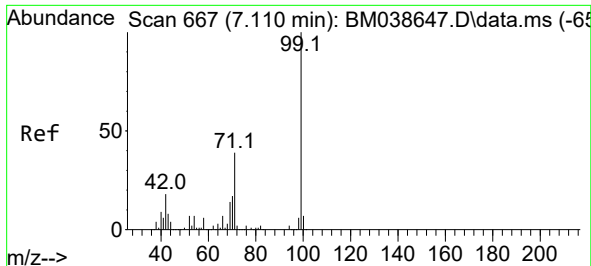
Tgt Ion:152 Resp: 78255
Ion Ratio Lower Upper
152 100
150 154.6 119.5 179.3
115 47.7 37.6 56.4



#5
2-Fluorophenol
Concen: 16.623 ng
RT: 5.487 min Scan# 391
Delta R.T. 0.006 min
Lab File: BM038692.D
Acq: 03 Feb 2023 23:02

Tgt Ion:112 Resp: 66406
Ion Ratio Lower Upper
112 100
64 47.6 37.9 56.9
63 29.4 23.3 34.9

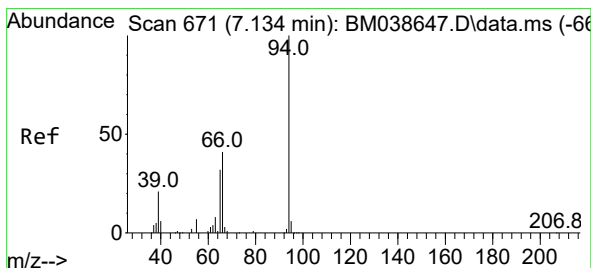
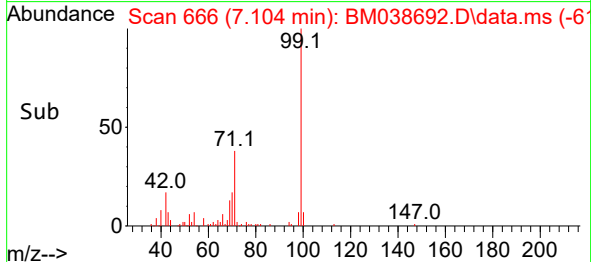
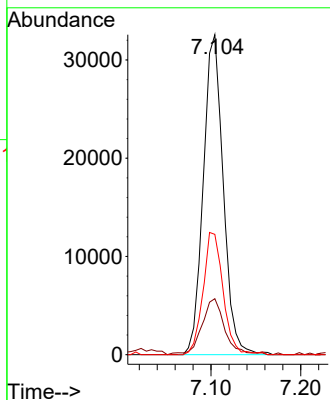
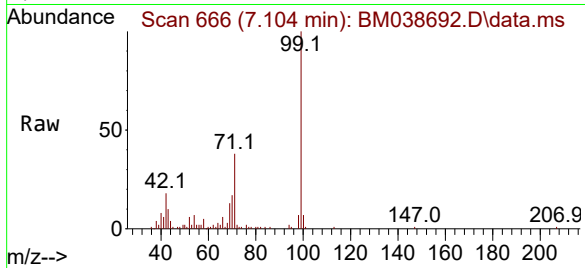




#7
Phenol-d6
Concen: 11.052 ng
RT: 7.104 min Scan# 666
Delta R.T. 0.006 min
Lab File: BM038692.D
Acq: 03 Feb 2023 23:02

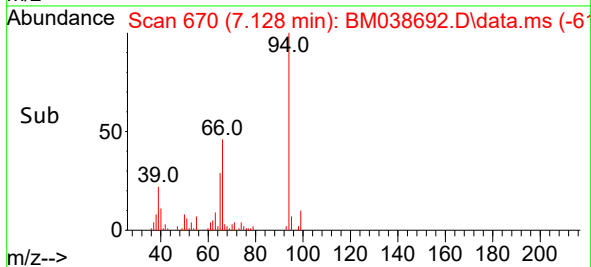
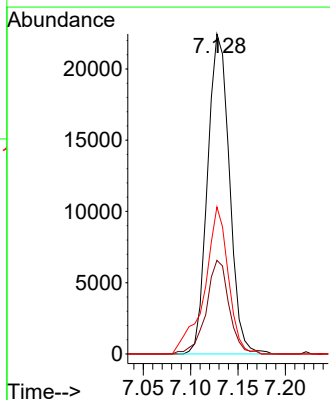
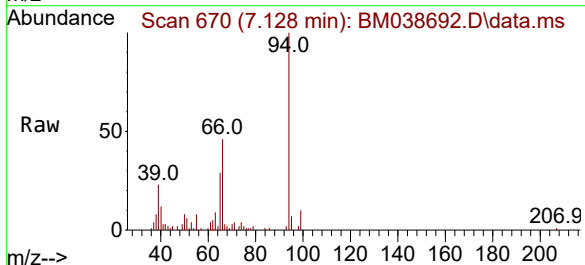
Instrument :
BNA_M
ClientSampleId :
MANHOLERE

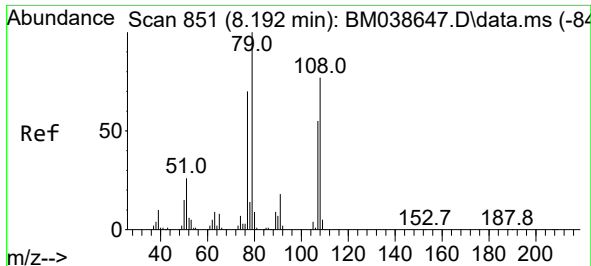
Tgt Ion: 99 Resp: 50356
Ion Ratio Lower Upper
99 100
42 17.5 14.6 22.0
71 37.6 31.0 46.4



#10
Phenol
Concen: 7.804 ng
RT: 7.128 min Scan# 670
Delta R.T. -0.000 min
Lab File: BM038692.D
Acq: 03 Feb 2023 23:02

Tgt Ion: 94 Resp: 35920
Ion Ratio Lower Upper
94 100
65 29.2 12.3 52.3
66 45.9 24.2 64.2

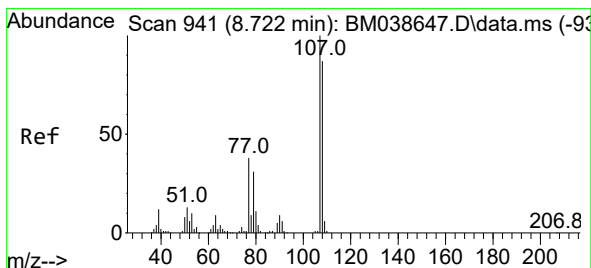
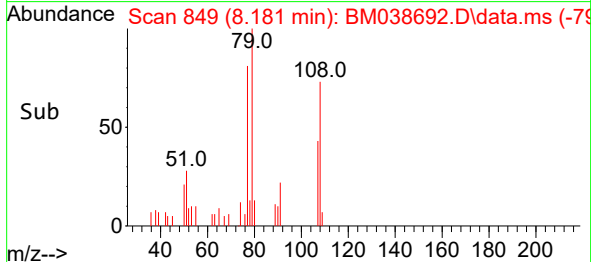
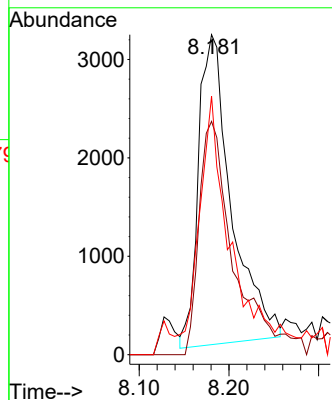
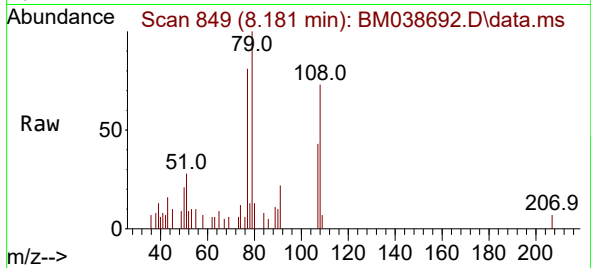




#15
Benzyl Alcohol
Concen: 2.392 ng
RT: 8.181 min Scan# 84
Delta R.T. 0.006 min
Lab File: BM038692.D
Acq: 03 Feb 2023 23:02

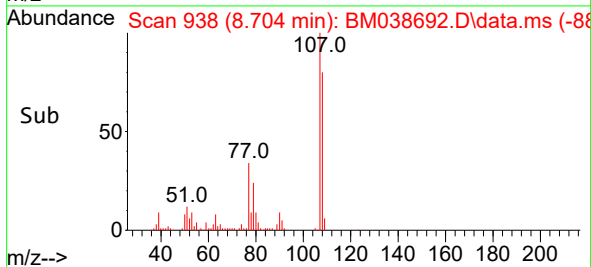
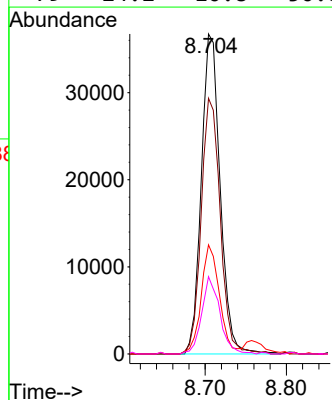
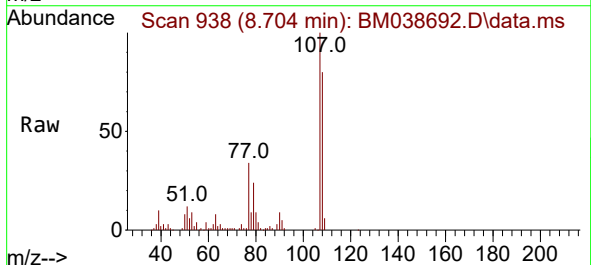
Instrument :
BNA_M
ClientSampleId :
MANHOLERE

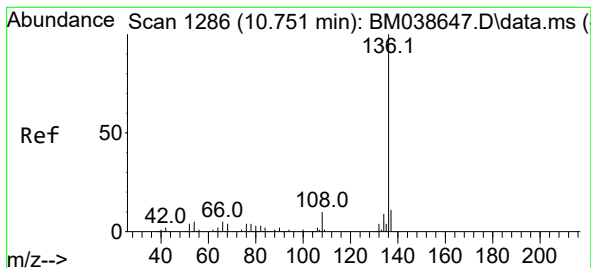
Tgt Ion: 79 Resp: 8022
Ion Ratio Lower Upper
79 100
108 72.9 61.9 92.9
77 80.8 55.8 83.8



#20
3+4-Methylphenols
Concen: 12.596 ng
RT: 8.704 min Scan# 938
Delta R.T. -0.006 min
Lab File: BM038692.D
Acq: 03 Feb 2023 23:02

Tgt Ion: 107 Resp: 59292
Ion Ratio Lower Upper
107 100
108 79.9 67.2 107.2
77 34.1 17.5 57.5
79 24.2 10.8 50.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.733 min Scan# 11

Delta R.T. -0.000 min

Lab File: BM038692.D

Acq: 03 Feb 2023 23:02

Instrument :

BNA_M

ClientSampleId :

MANHOLERE

Tgt Ion:136 Resp: 280694

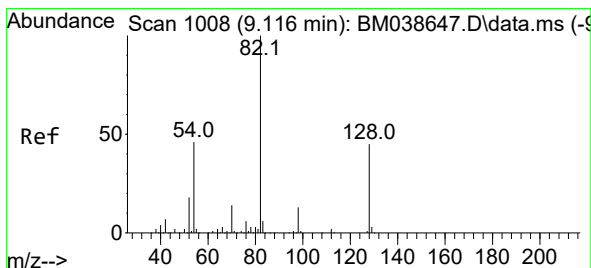
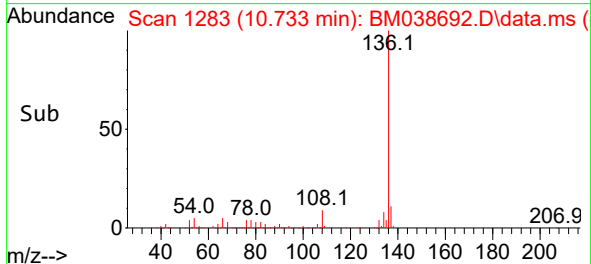
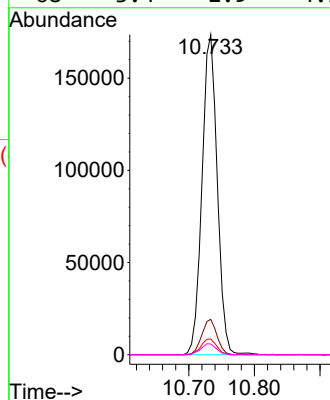
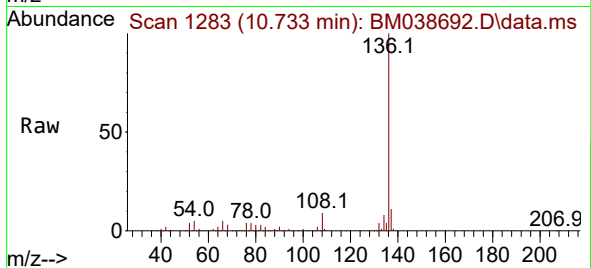
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 4.9 4.2 6.4

68 3.4 2.9 4.3



#23

Nitrobenzene-d5

Concen: 48.793 ng

RT: 9.098 min Scan# 1005

Delta R.T. -0.000 min

Lab File: BM038692.D

Acq: 03 Feb 2023 23:02

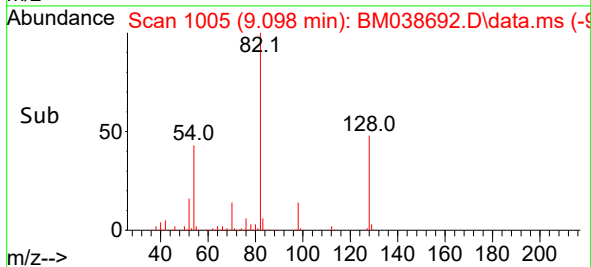
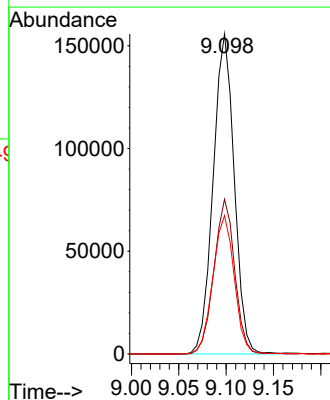
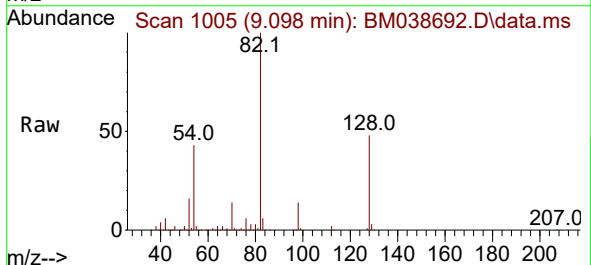
Tgt Ion: 82 Resp: 241123

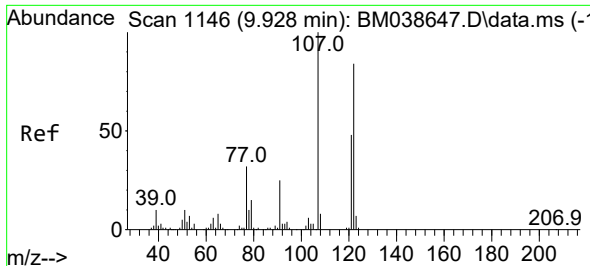
Ion Ratio Lower Upper

82 100

128 48.4 36.0 54.0

54 43.2 36.8 55.2

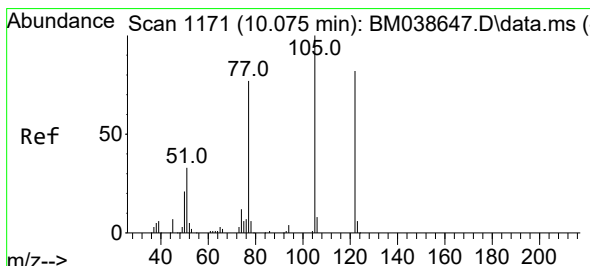
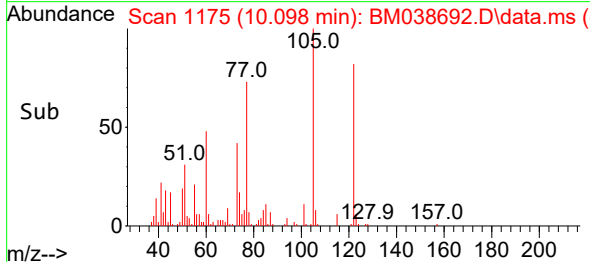
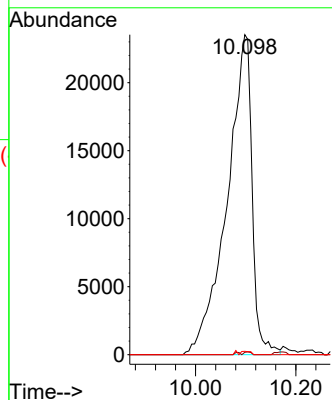
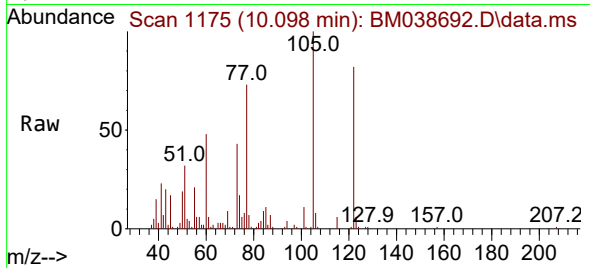




#27
2,4-Dimethylphenol
Concen: 20.192 ng
RT: 10.098 min Scan# 1175
Delta R.T. 0.182 min
Lab File: BM038692.D
Acq: 03 Feb 2023 23:02

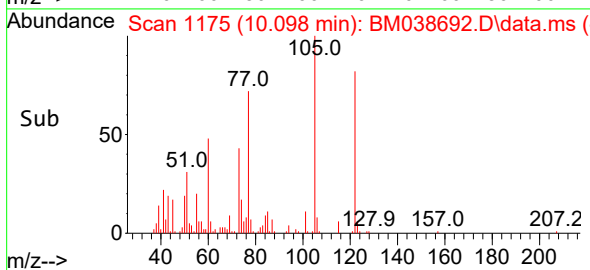
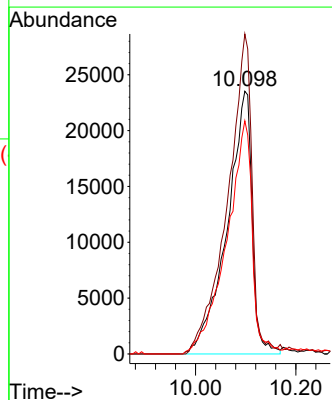
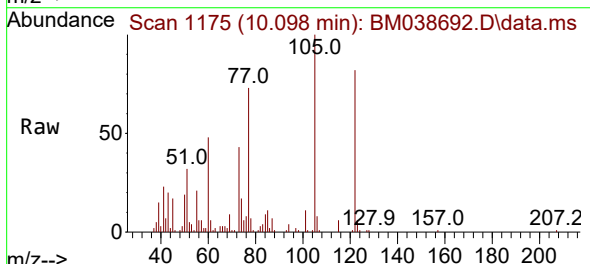
Instrument :
BNA_M
ClientSampleId :
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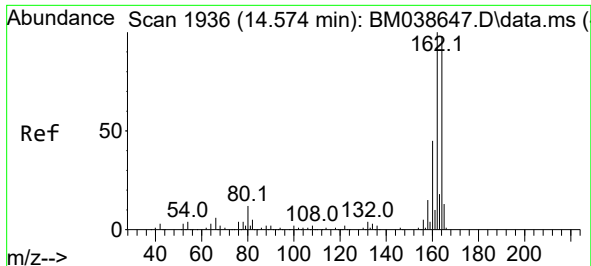
Tgt Ion:122 Resp: 81315
Ion Ratio Lower Upper
122 100
107 0.8 94.9 142.3#
121 1.1 45.5 68.3#



#32
Benzoic acid
Concen: 24.945 ng
RT: 10.098 min Scan# 1175
Delta R.T. 0.029 min
Lab File: BM038692.D
Acq: 03 Feb 2023 23:02

Tgt Ion:122 Resp: 81315
Ion Ratio Lower Upper
122 100
105 121.8 99.2 139.2
77 88.7 72.3 112.3

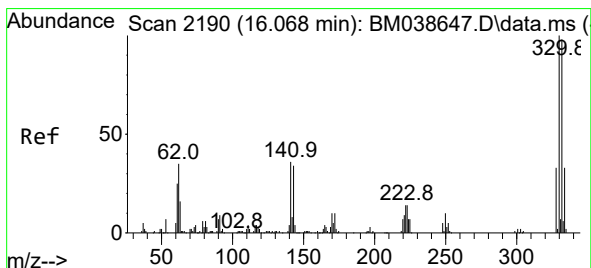
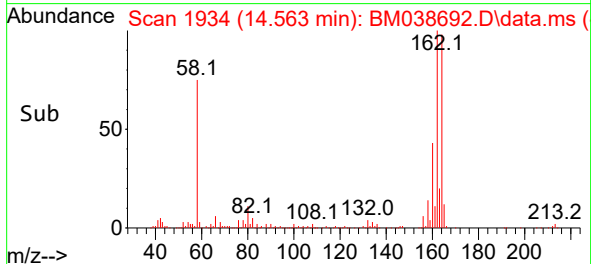
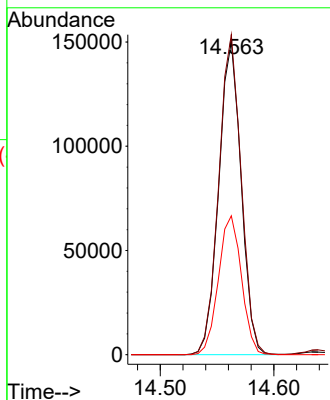
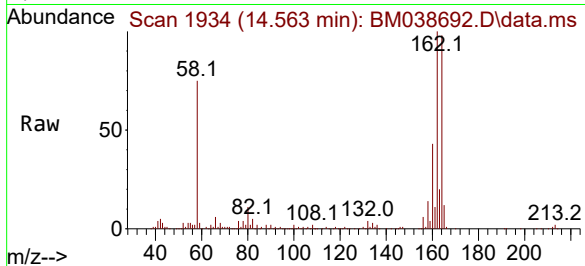




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BM038692.D
Acq: 03 Feb 2023 23:02

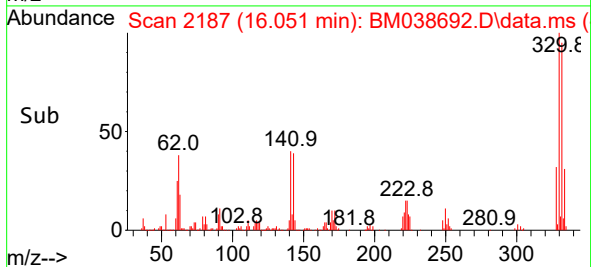
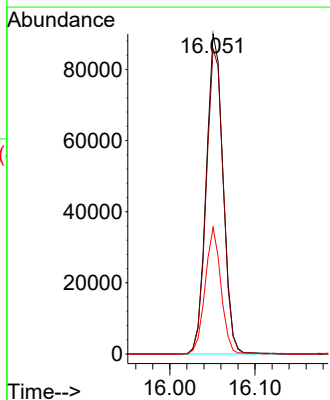
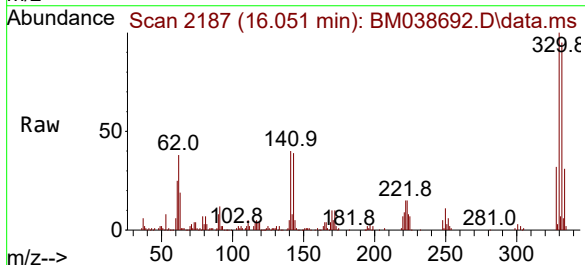
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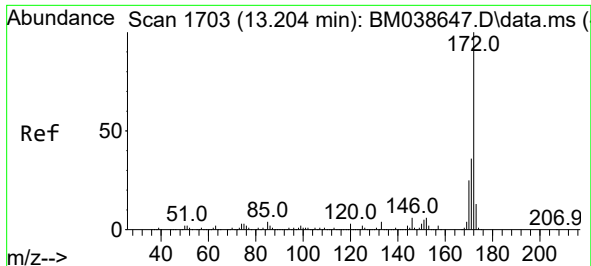
Tgt Ion:164 Resp: 204963
Ion Ratio Lower Upper
164 100
162 102.3 81.4 122.0
160 44.4 36.5 54.7



#42
2,4,6-Tribromophenol
Concen: 44.097 ng
RT: 16.051 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BM038692.D
Acq: 03 Feb 2023 23:02

Tgt Ion:330 Resp: 122850
Ion Ratio Lower Upper
330 100
332 96.9 77.8 116.6
141 37.3 31.0 46.6

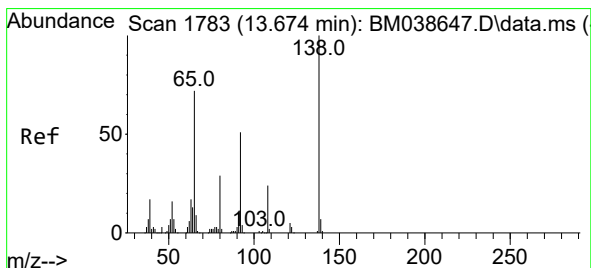
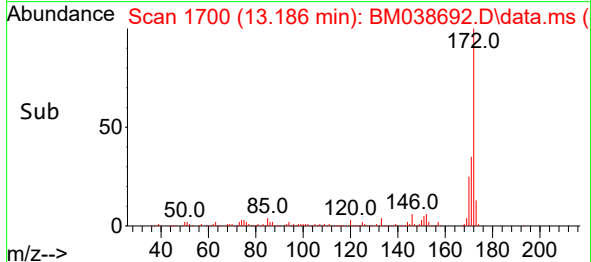
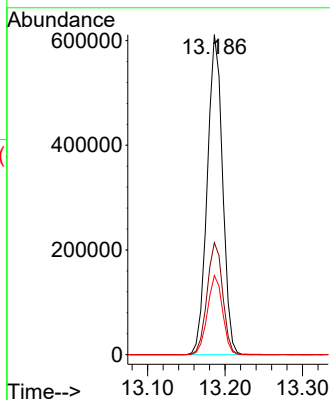
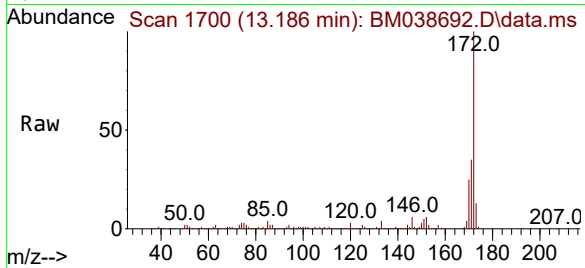




#45
2-Fluorobiphenyl
Concen: 52.042 ng
RT: 13.186 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM038692.D
Acq: 03 Feb 2023 23:02

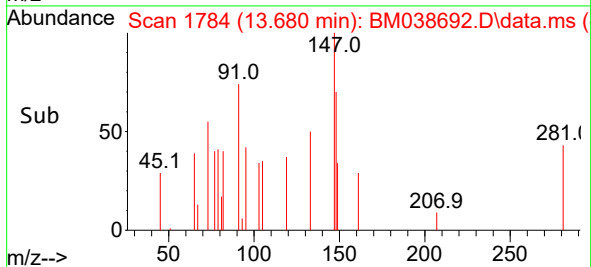
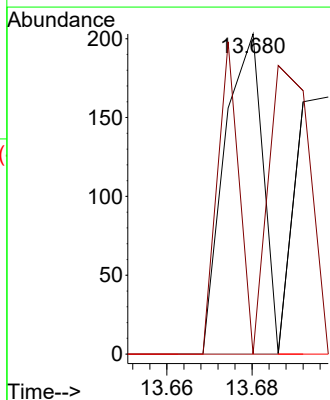
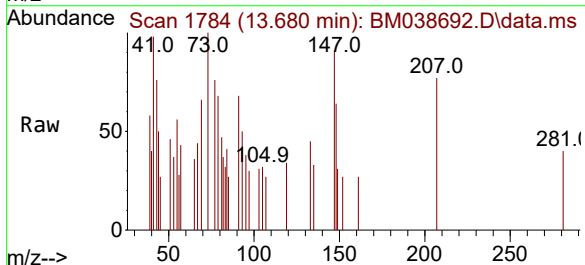
Instrument :
BNA_M
ClientSampleId :
MANHOLERE

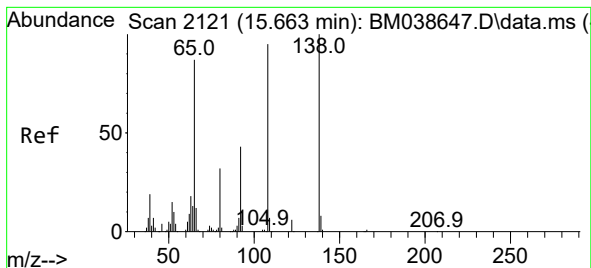
Tgt Ion:172 Resp: 837853
Ion Ratio Lower Upper
172 100
171 35.0 28.7 43.1
170 24.7 20.0 30.0



#48
2-Nitroaniline
Concen: 2.213 ng
RT: 13.680 min Scan# 1784
Delta R.T. 0.017 min
Lab File: BM038692.D
Acq: 03 Feb 2023 23:02

Tgt Ion: 65 Resp: 127
Ion Ratio Lower Upper
65 100
92 0.0 55.9 83.9#
138 0.0 110.6 166.0#

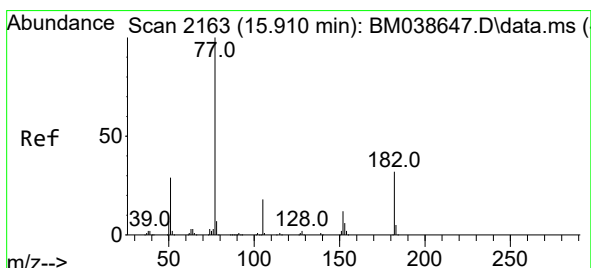
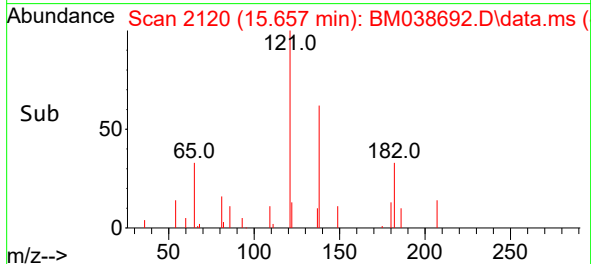
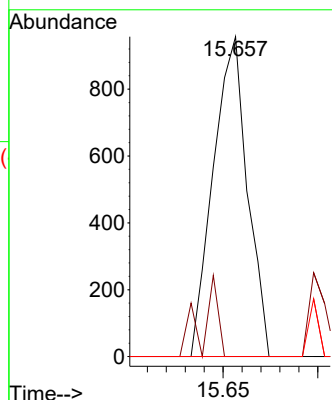
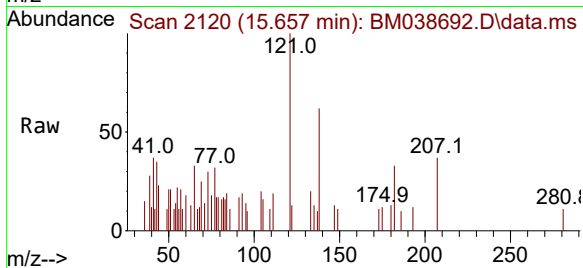




#62
4-Nitroaniline
Concen: 2.172 ng
RT: 15.657 min Scan# 2120
Delta R.T. 0.006 min
Lab File: BM038692.D
Acq: 03 Feb 2023 23:02

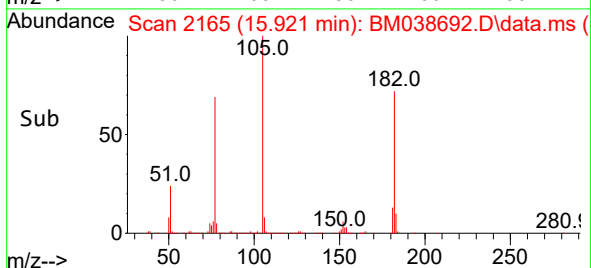
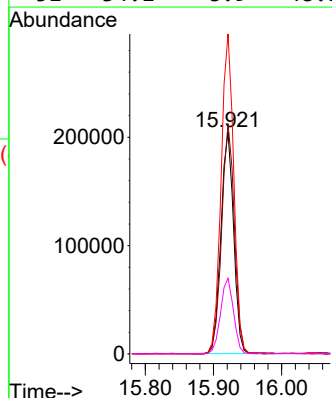
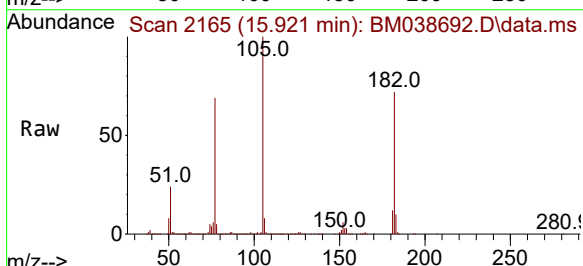
Instrument :
BNA_M
ClientSampleId :
MANHOLERE

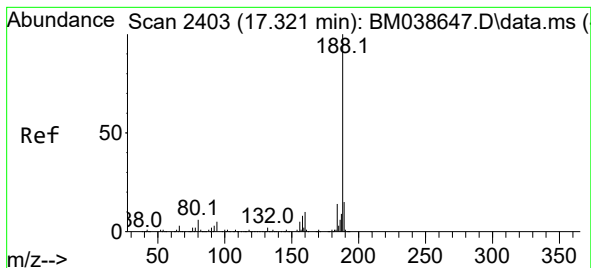
Tgt Ion:138 Resp: 1199
Ion Ratio Lower Upper
138 100
92 0.0 23.4 63.4#
108 0.0 75.1 115.1#



#63
Azobenzene
Concen: 21.783 ng
RT: 15.921 min Scan# 2165
Delta R.T. 0.023 min
Lab File: BM038692.D
Acq: 03 Feb 2023 23:02

Tgt Ion: 77 Resp: 265558
Ion Ratio Lower Upper
77 100
182 103.8 12.0 52.0#
105 144.3 0.0 37.5#
51 34.1 8.9 48.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.304 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM038692.D

Acq: 03 Feb 2023 23:02

Instrument :

BNA_M

ClientSampleId :

MANHOLERE

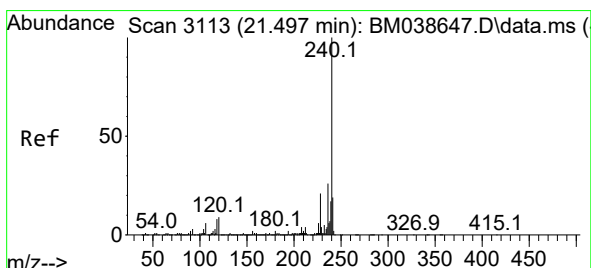
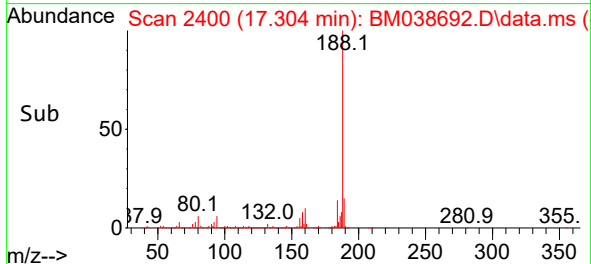
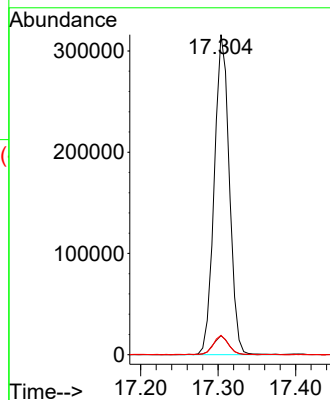
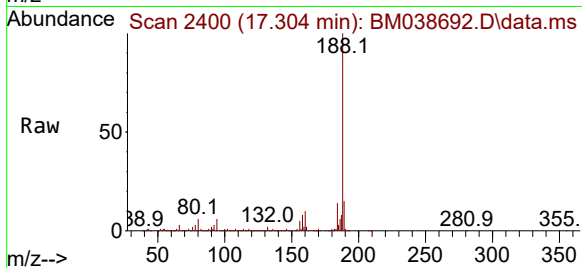
Tgt Ion:188 Resp: 427016

Ion Ratio Lower Upper

188 100

94 6.0 4.2 6.4

80 6.1 4.6 7.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.486 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BM038692.D

Acq: 03 Feb 2023 23:02

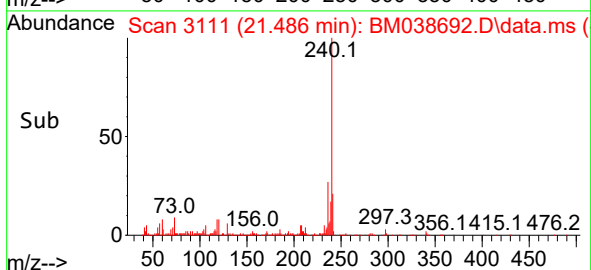
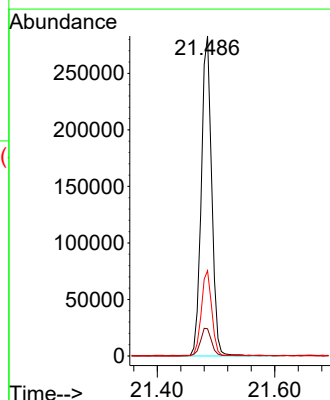
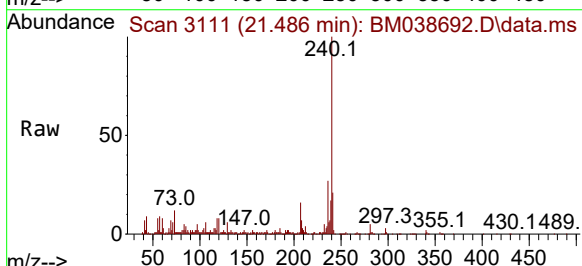
Tgt Ion:240 Resp: 348055

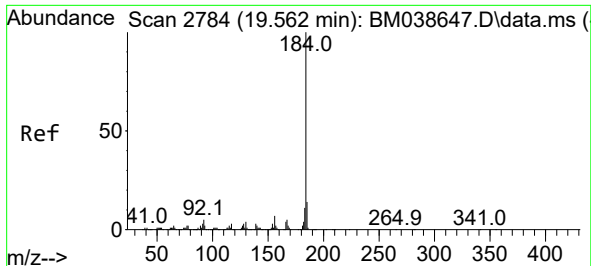
Ion Ratio Lower Upper

240 100

120 8.5 7.0 10.4

236 26.6 20.9 31.3

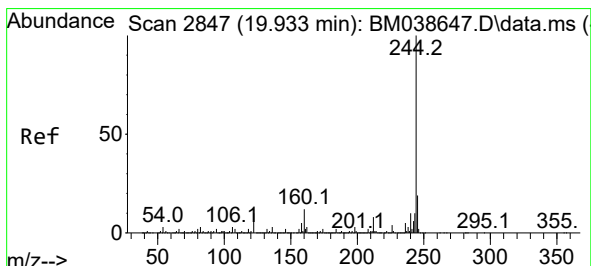
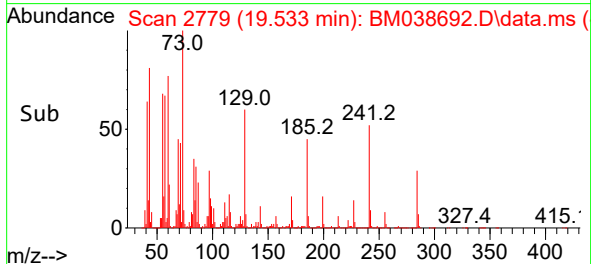
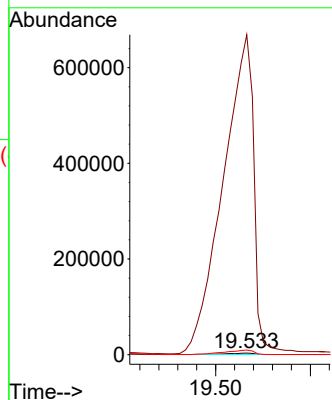
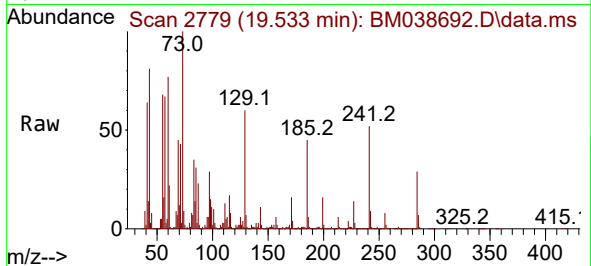




#77
Benzidine
Concen: 3.696 ng
RT: 19.533 min Scan# 21
Delta R.T. -0.024 min
Lab File: BM038692.D
Acq: 03 Feb 2023 23:02

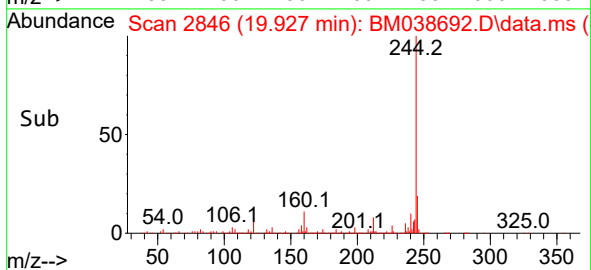
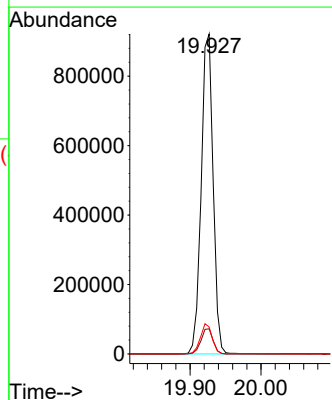
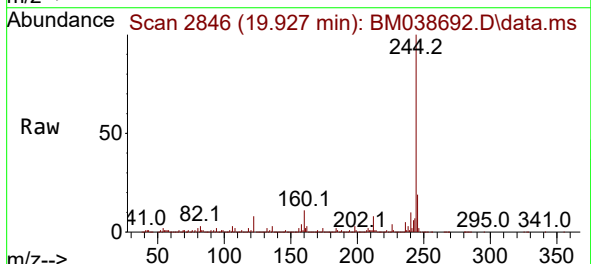
Instrument :
BNA_M
ClientSampleId :
MANHOLERE

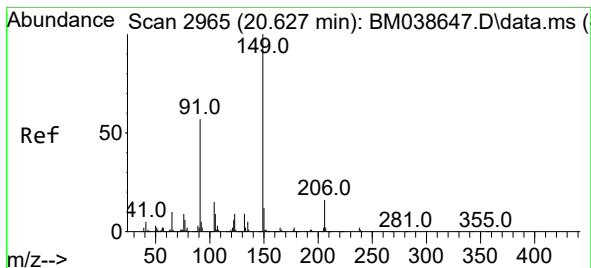
Tgt Ion:184 Resp: 6516
Ion Ratio Lower Upper
184 100
185 19938.2 10.8 16.2#
183 285.8 8.8 13.2#



#79
Terphenyl-d14
Concen: 54.519 ng
RT: 19.927 min Scan# 2846
Delta R.T. -0.000 min
Lab File: BM038692.D
Acq: 03 Feb 2023 23:02

Tgt Ion:244 Resp: 1075296
Ion Ratio Lower Upper
244 100
212 7.9 6.6 9.8
122 8.4 7.8 11.8





#80

Butylbenzylphthalate

Concen: 2.279 ng

RT: 20.609 min Scan# 2965

Delta R.T. -0.012 min

Lab File: BM038692.D

Acq: 03 Feb 2023 23:02

Instrument :

BNA_M

ClientSampleId :

MANHOLERE

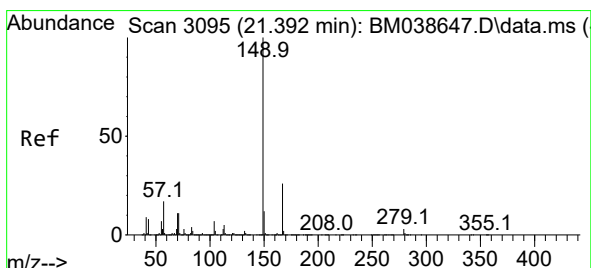
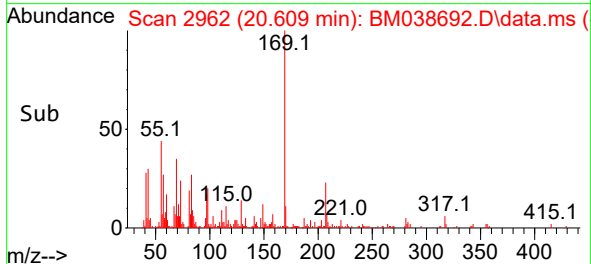
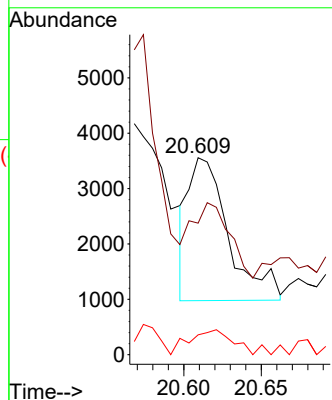
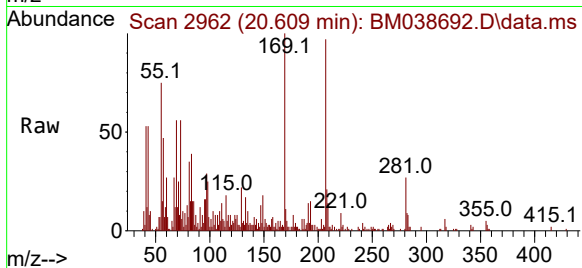
Tgt Ion:149 Resp: 4645

Ion Ratio Lower Upper

149 100

91 66.8 45.6 68.4

206 10.1 12.5 18.7#



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.508 ng

RT: 21.380 min Scan# 3093

Delta R.T. -0.006 min

Lab File: BM038692.D

Acq: 03 Feb 2023 23:02

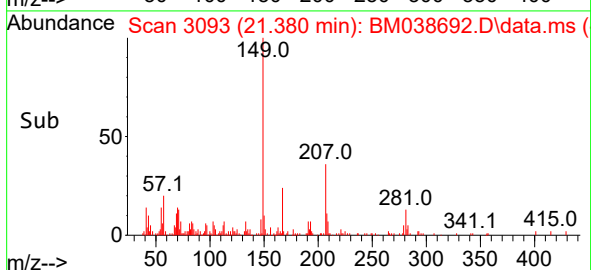
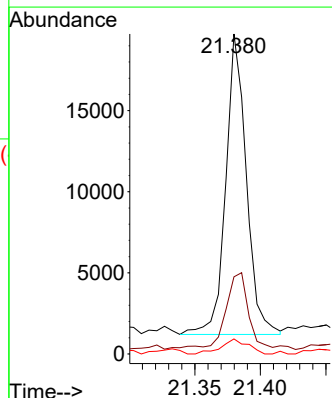
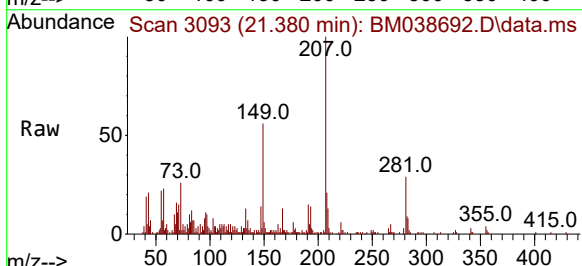
Tgt Ion:149 Resp: 20280

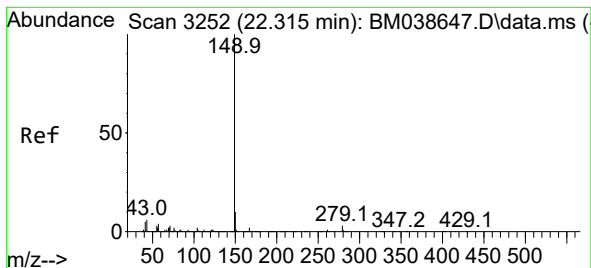
Ion Ratio Lower Upper

149 100

167 24.1 20.8 31.2

279 4.7 2.5 3.7#





#85

Di-n-octyl phthalate

Concen: 15.200 ng

RT: 22.356 min Scan# 31

Delta R.T. 0.047 min

Lab File: BM038692.D

Acq: 03 Feb 2023 23:02

Instrument :

BNA_M

ClientSampleId :

MANHOLERE

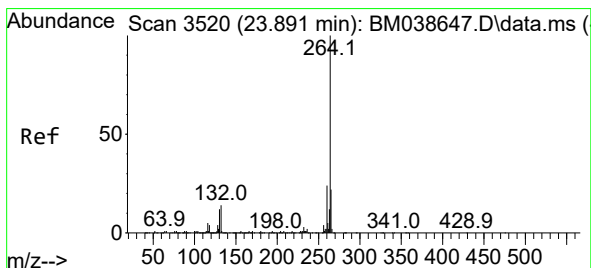
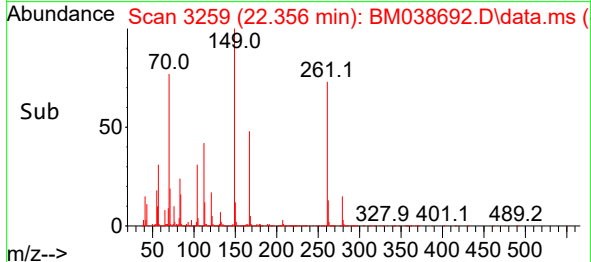
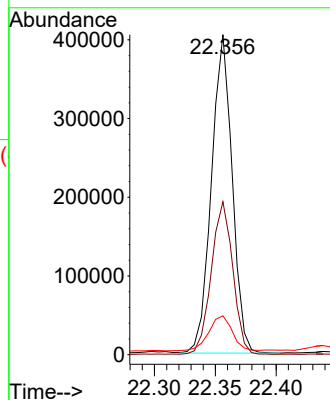
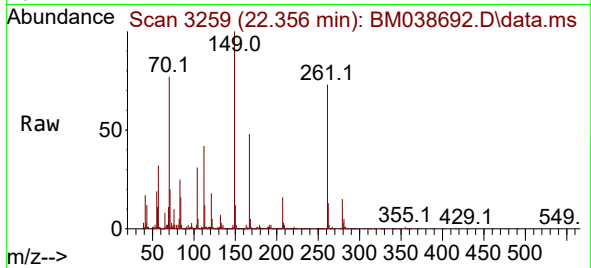
Tgt Ion:149 Resp: 479444

Ion Ratio Lower Upper

149 100

167 49.6 1.3 1.9#

43 12.4 4.6 6.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.880 min Scan# 3518

Delta R.T. -0.006 min

Lab File: BM038692.D

Acq: 03 Feb 2023 23:02

Tgt Ion:264 Resp: 413999

Ion Ratio Lower Upper

264 100

260 24.4 19.6 29.4

265 22.4 17.9 26.9

