

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060823\
 Data File : BM040176.D
 Acq On : 09 Jun 2023 02:57
 Operator : MA/JU
 Sample : 03046-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-2-6-10

Quant Time: Jun 09 03:30:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 08 23:25:50 2023
 Response via : Initial Calibration

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

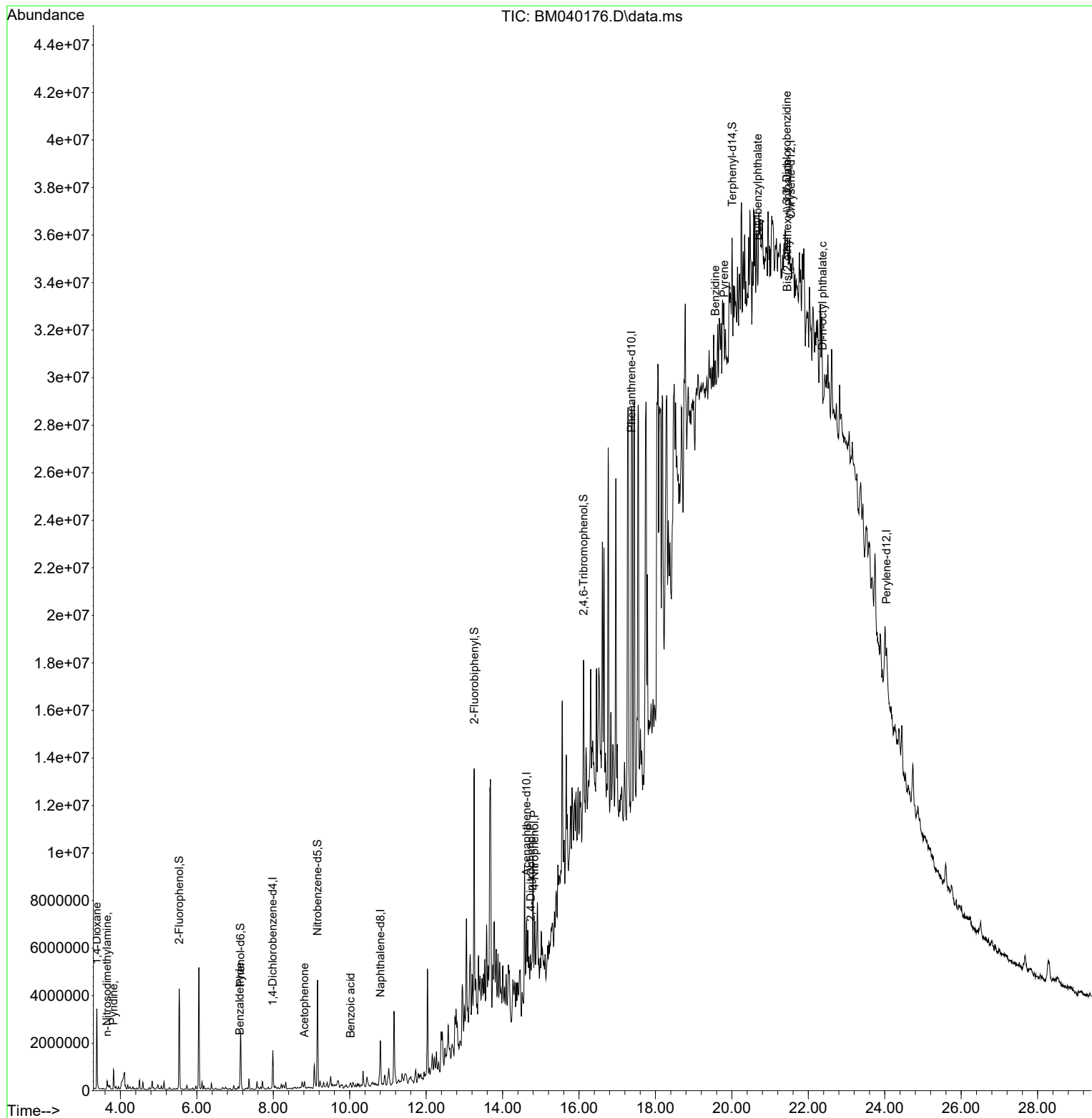
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	427492	20.000	ng	0.00
21) Naphthalene-d8	10.804	136	1609427	20.000	ng	0.00
39) Acenaphthene-d10	14.627	164	912804	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	1414223	20.000	ng	# 0.00
76) Chrysene-d12	21.545	240	21003	20.000	ng	# 0.00
86) Perylene-d12	24.045	264	2098703	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1919524	67.046	ng	0.00
7) Phenol-d6	7.146	99	1440690	36.878	ng	0.00
23) Nitrobenzene-d5	9.157	82	2437569	81.976	ng	0.00
42) 2,4,6-Tribromophenol	16.116	330	1706239	124.238	ng	0.00
45) 2-Fluorobiphenyl	13.257	172	5955130	86.228	ng	0.00
79) Terphenyl-d14	20.009	244	3057196	2683.256	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	221416	19.475	ng	# 1
3) Pyridine	3.816	79	440833	13.518	ng	98
4) n-Nitrosodimethylamine	3.652	42	69588	5.263	ng	# 1
9) Benzaldehyde	7.122	77	63477	3.051	ng	96
22) Acetophenone	8.816	105	102769	2.445	ng	# 96
32) Benzoic acid	10.022	122	6710	7.819	ng	# 82
54) 2,4-Dinitrophenol	14.739	184	140	7.873	ng	# 1
56) 4-Nitrophenol	14.833	139	38925	2.700	ng	# 36
77) Benzidine	19.562	184	52217	132.381	ng	# 1
78) Pyrene	19.798	202	15372	10.976	ng	# 1
80) Butylbenzylphthalate	20.674	149	1860	3.286	ng	# 1
82) 3,3'-Dichlorobenzidine	21.433	252	14109	29.641	ng	# 10
84) Bis(2-ethylhexyl)phtha...	21.451	149	7984	9.551	ng	# 1
85) Di-n-octyl phthalate	22.374	149	6526	4.807	ng	# 1

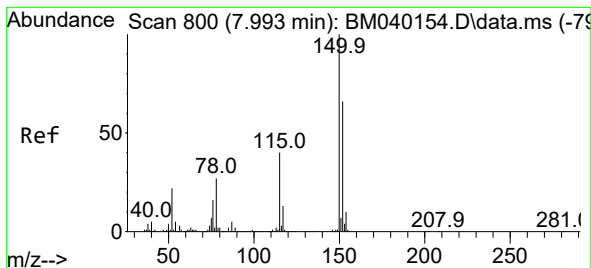
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.987 min Scan# 79

Delta R.T. -0.006 min

Lab File: BM040176.D

Acq: 09 Jun 2023 02:57

Instrument :

BNA_M

ClientSampleId :

COMP-2-6-10

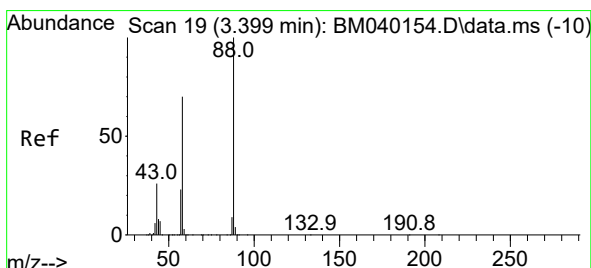
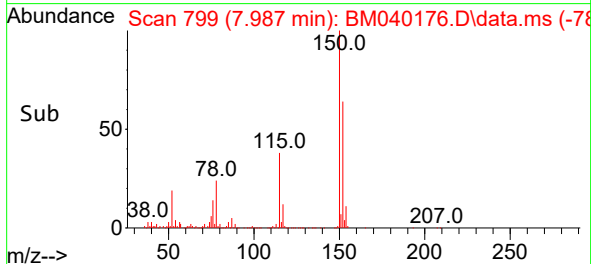
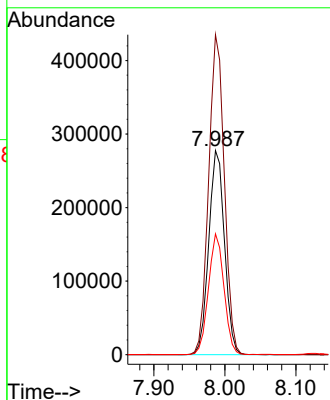
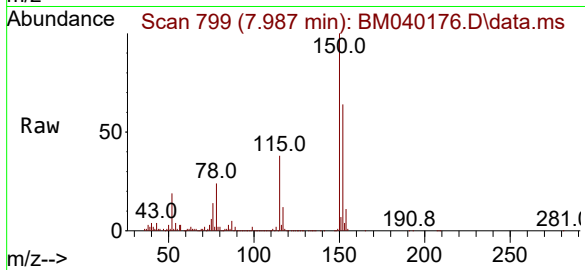
Tgt Ion:152 Resp: 427492

Ion Ratio Lower Upper

152 100

150 156.7 121.4 182.0

115 59.2 48.2 72.4



#2

1,4-Dioxane

Concen: 19.475 ng

RT: 3.381 min Scan# 16

Delta R.T. -0.018 min

Lab File: BM040176.D

Acq: 09 Jun 2023 02:57

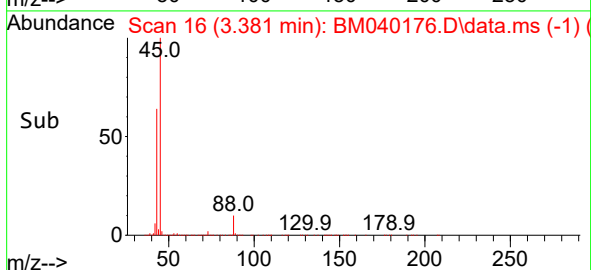
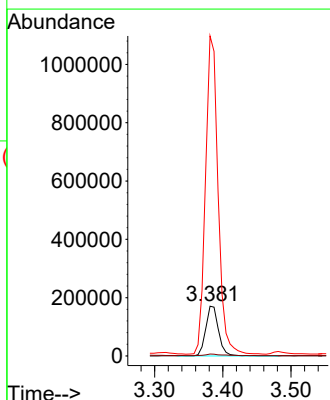
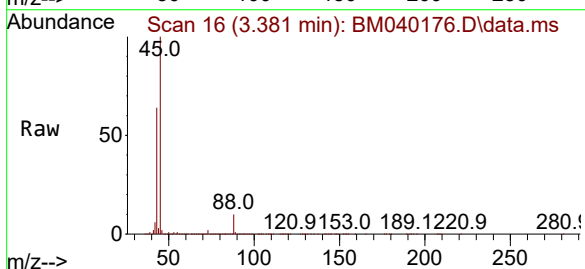
Tgt Ion: 88 Resp: 221416

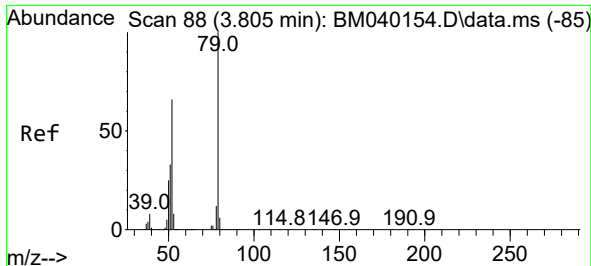
Ion Ratio Lower Upper

88 100

58 4.5 56.4 84.6#

43 633.1 21.2 31.8#





#3

Pyridine

Concen: 13.518 ng

RT: 3.816 min Scan# 90

Delta R.T. 0.012 min

Lab File: BM040176.D

Acq: 09 Jun 2023 02:57

Instrument :

BNA_M

ClientSampleId :

COMP-2-6-10

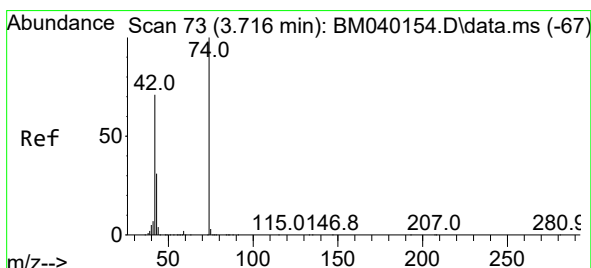
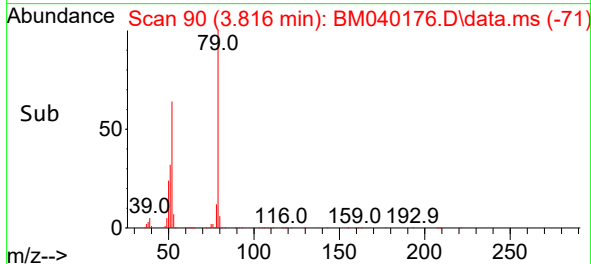
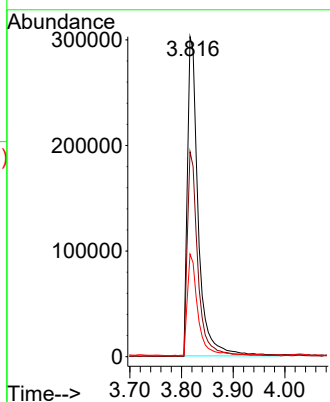
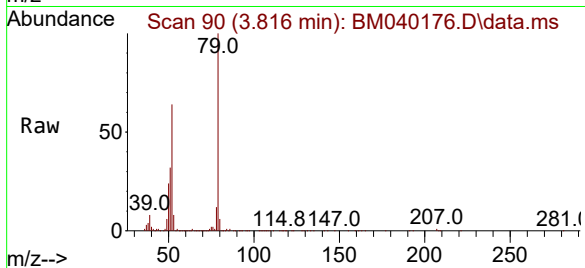
Tgt Ion: 79 Resp: 440833

Ion Ratio Lower Upper

79 100

52 64.1 52.8 79.2

51 32.0 26.2 39.4



#4

n-Nitrosodimethylamine

Concen: 5.263 ng

RT: 3.652 min Scan# 62

Delta R.T. -0.065 min

Lab File: BM040176.D

Acq: 09 Jun 2023 02:57

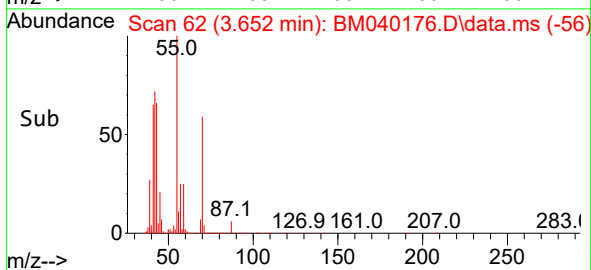
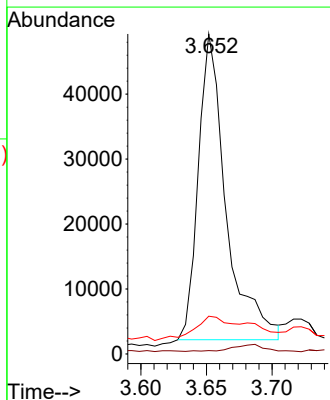
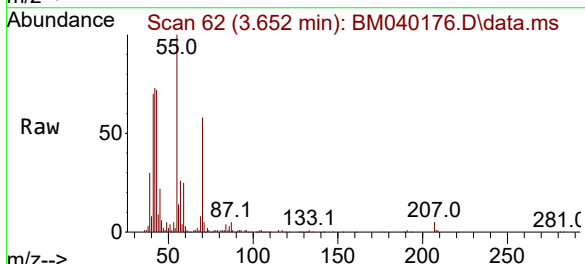
Tgt Ion: 42 Resp: 69588

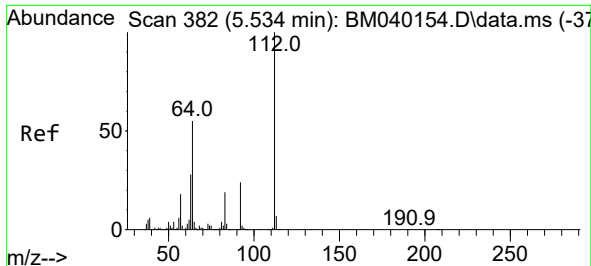
Ion Ratio Lower Upper

42 100

74 1.0 113.0 169.4#

44 11.8 5.8 8.6#

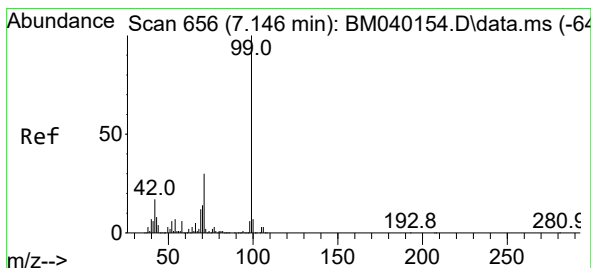
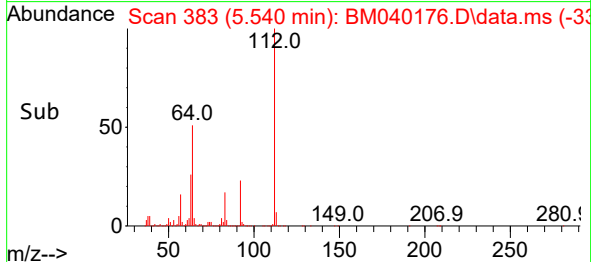
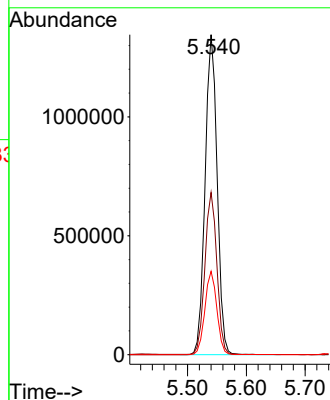
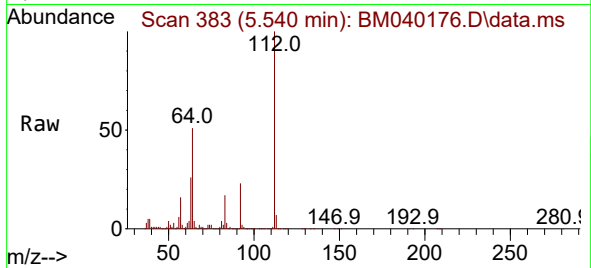




#5
2-Fluorophenol
Concen: 67.046 ng
RT: 5.540 min Scan# 382
Delta R.T. 0.006 min
Lab File: BM040176.D
Acq: 09 Jun 2023 02:57

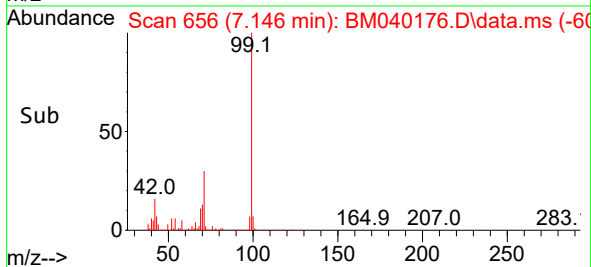
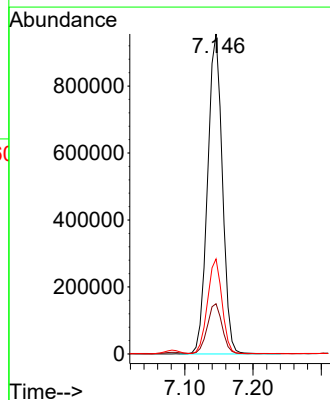
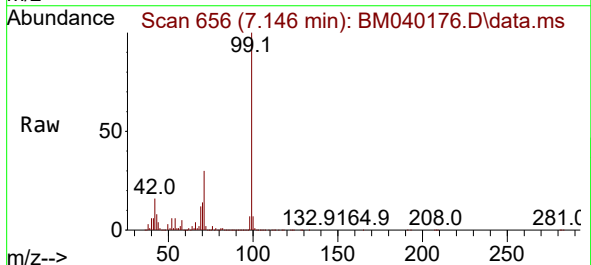
Instrument :
BNA_M
ClientSampleId :
COMP-2-6-10

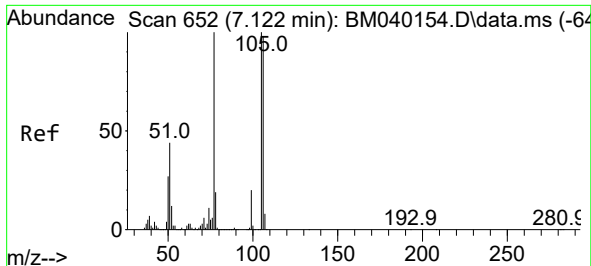
Tgt Ion:112 Resp: 1919524
Ion Ratio Lower Upper
112 100
64 50.7 43.8 65.6
63 26.1 22.8 34.2



#7
Phenol-d6
Concen: 36.878 ng
RT: 7.146 min Scan# 656
Delta R.T. 0.000 min
Lab File: BM040176.D
Acq: 09 Jun 2023 02:57

Tgt Ion: 99 Resp: 1440690
Ion Ratio Lower Upper
99 100
42 15.7 13.4 20.2
71 29.7 24.3 36.5

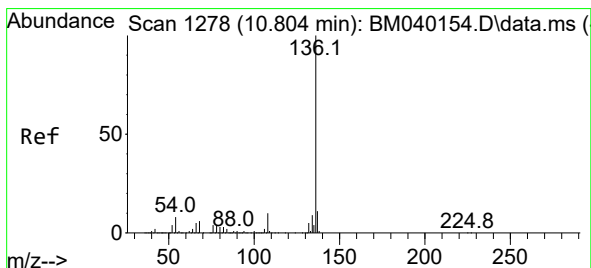
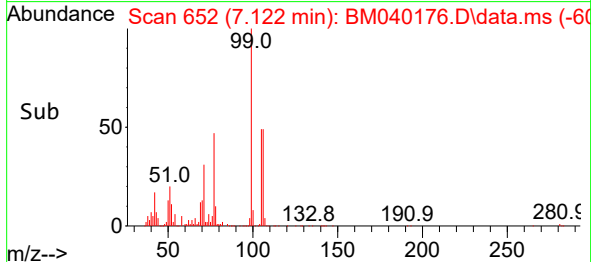
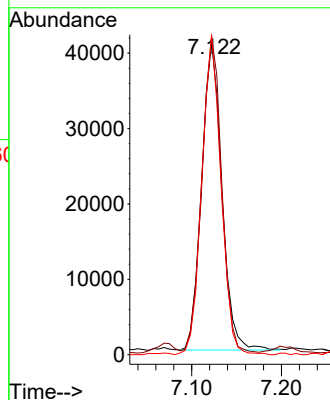
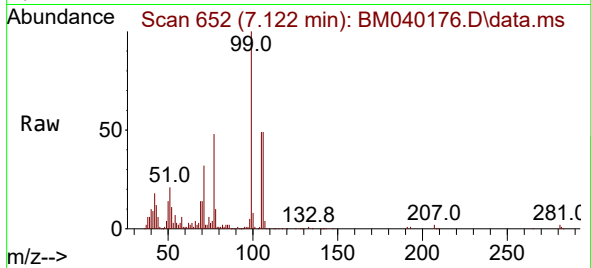




#9
Benzaldehyde
Concen: 3.051 ng
RT: 7.122 min Scan# 652
Delta R.T. 0.000 min
Lab File: BM040176.D
Acq: 09 Jun 2023 02:57

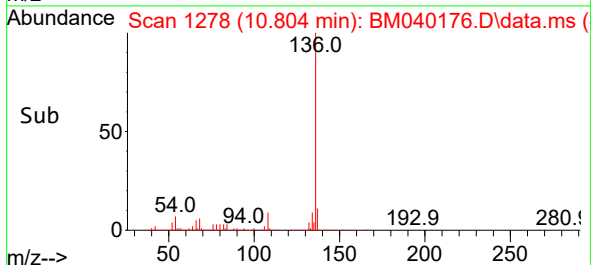
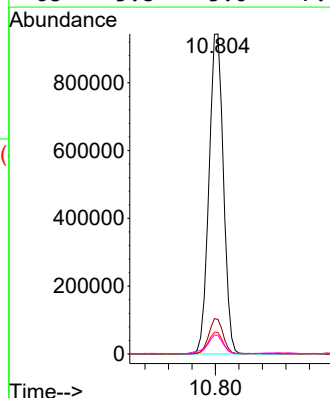
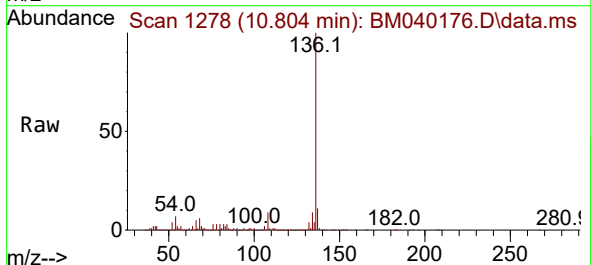
Instrument :
BNA_M
ClientSampleId :
COMP-2-6-10

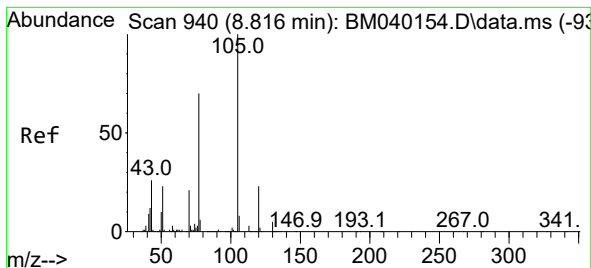
Tgt Ion: 77 Resp: 63477
Ion Ratio Lower Upper
77 100
105 101.9 79.8 119.8
106 102.5 77.4 117.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.804 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BM040176.D
Acq: 09 Jun 2023 02:57

Tgt Ion: 136 Resp: 1609427
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.7 6.2 9.4
68 5.8 5.0 7.4





#22

Acetophenone

Concen: 2.445 ng

RT: 8.816 min Scan# 940

Delta R.T. 0.000 min

Lab File: BM040176.D

Acq: 09 Jun 2023 02:57

Instrument :

BNA_M

ClientSampleId :

COMP-2-6-10

Tgt Ion:105 Resp: 102769

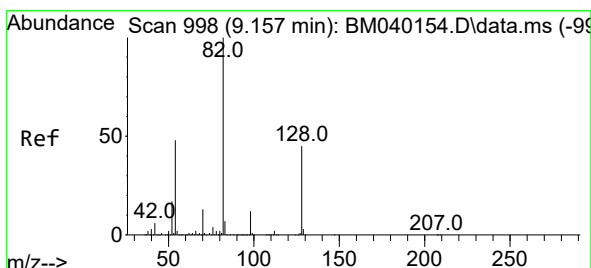
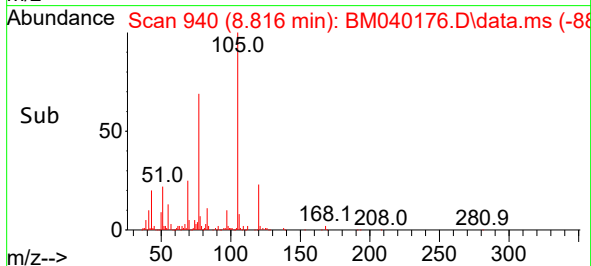
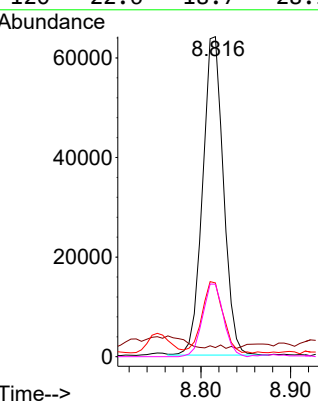
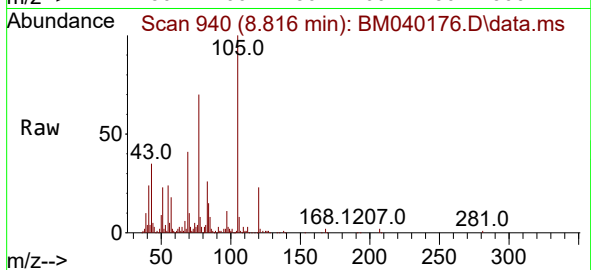
Ion Ratio Lower Upper

105 100

71 2.9 3.0 4.6#

51 23.0 20.6 31.0

120 22.6 18.7 28.1



#23

Nitrobenzene-d5

Concen: 81.976 ng

RT: 9.157 min Scan# 998

Delta R.T. 0.000 min

Lab File: BM040176.D

Acq: 09 Jun 2023 02:57

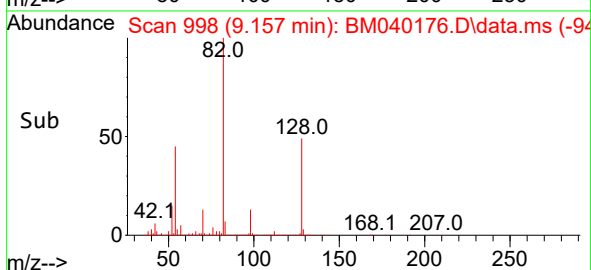
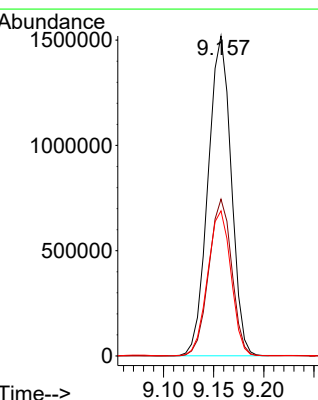
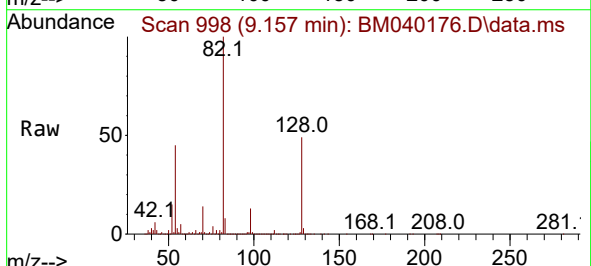
Tgt Ion: 82 Resp: 2437569

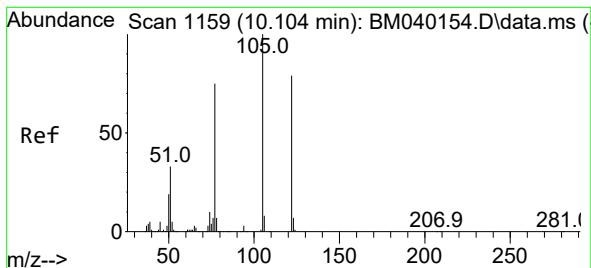
Ion Ratio Lower Upper

82 100

128 49.0 36.0 54.0

54 45.3 38.5 57.7





#32

Benzoic acid

Concen: 7.819 ng

RT: 10.022 min Scan# 1145

Delta R.T. -0.082 min

Lab File: BM040176.D

Acq: 09 Jun 2023 02:57

Instrument :

BNA_M

ClientSampleId :

COMP-2-6-10

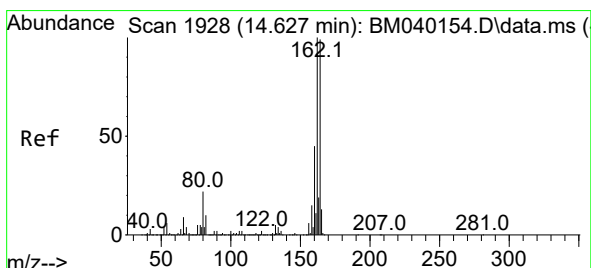
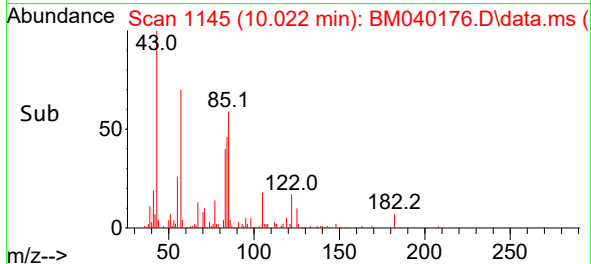
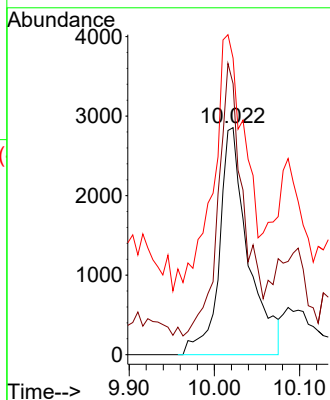
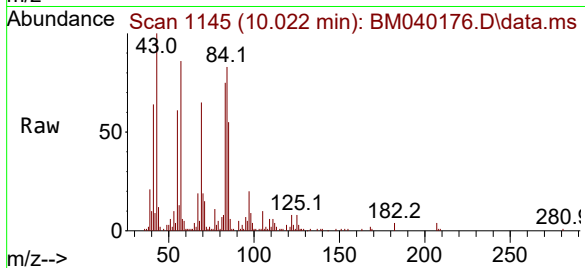
Tgt Ion:122 Resp: 6710

Ion Ratio Lower Upper

122 100

105 119.3 102.7 142.7

77 130.5 73.9 113.9#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.627 min Scan# 1928

Delta R.T. 0.000 min

Lab File: BM040176.D

Acq: 09 Jun 2023 02:57

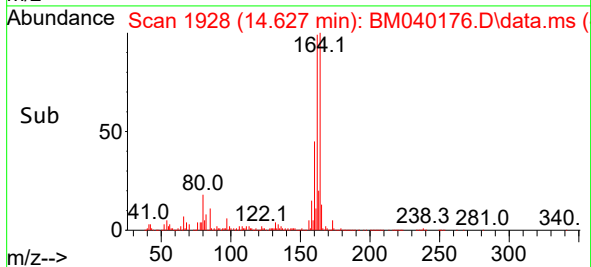
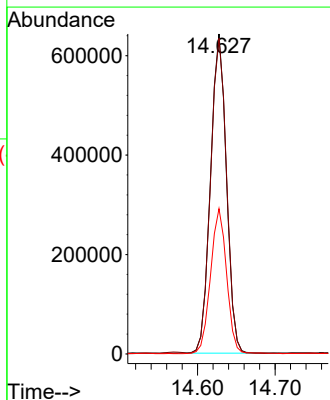
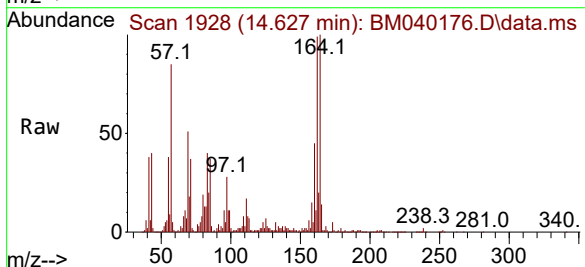
Tgt Ion:164 Resp: 912804

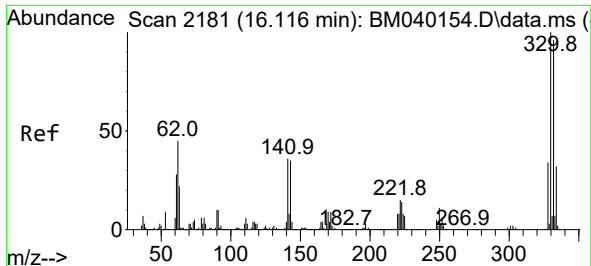
Ion Ratio Lower Upper

164 100

162 98.6 80.4 120.6

160 45.4 35.9 53.9

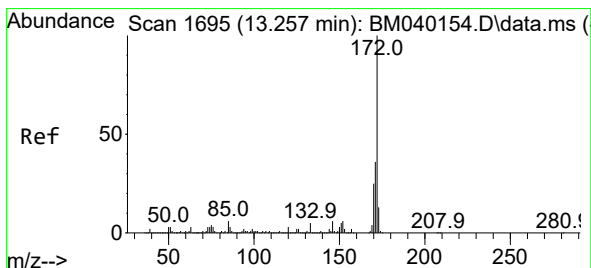
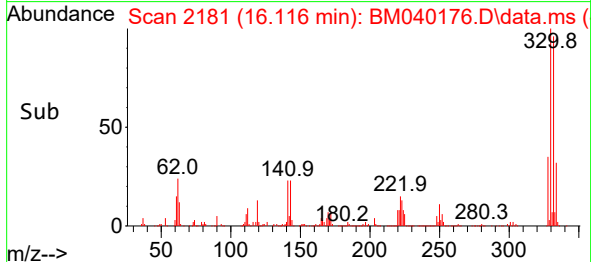
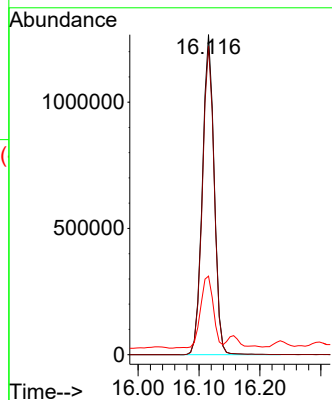
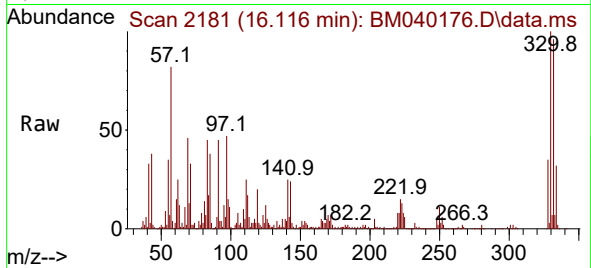




#42
2,4,6-Tribromophenol
Concen: 124.238 ng
RT: 16.116 min Scan# 2181
Delta R.T. -0.000 min
Lab File: BM040176.D
Acq: 09 Jun 2023 02:57

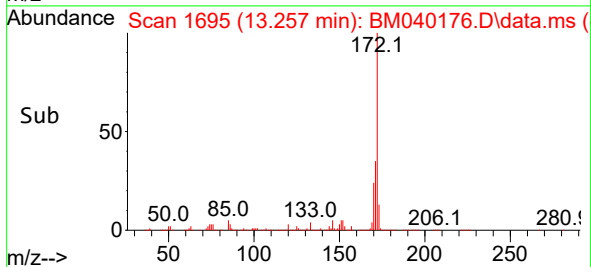
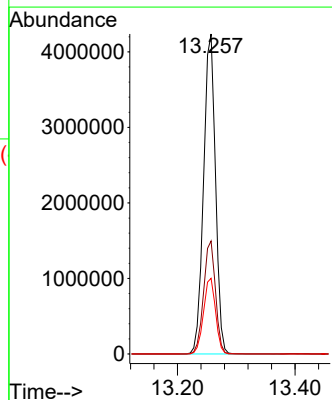
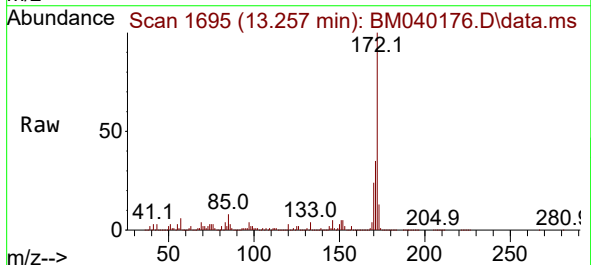
Instrument :
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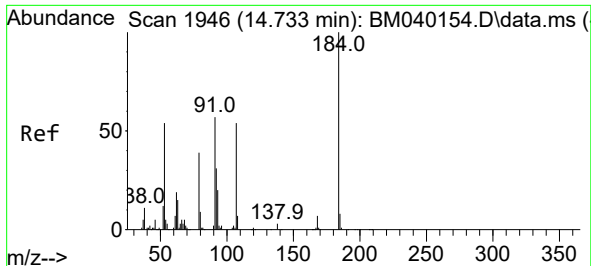
Tgt Ion:330 Resp: 1706239
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 24.5 31.6 47.4#



#45
2-Fluorobiphenyl
Concen: 86.228 ng
RT: 13.257 min Scan# 1695
Delta R.T. 0.000 min
Lab File: BM040176.D
Acq: 09 Jun 2023 02:57

Tgt Ion:172 Resp: 5955130
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 23.7 19.8 29.6

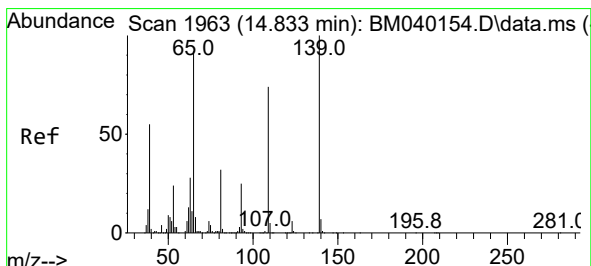
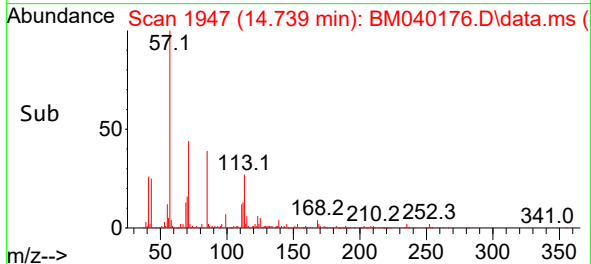
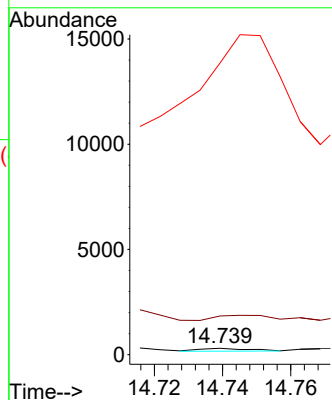
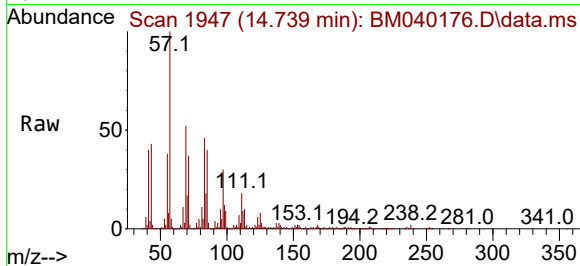




#54
2,4-Dinitrophenol
Concen: 7.873 ng
RT: 14.739 min Scan# 1946
Delta R.T. 0.006 min
Lab File: BM040176.D
Acq: 09 Jun 2023 02:57

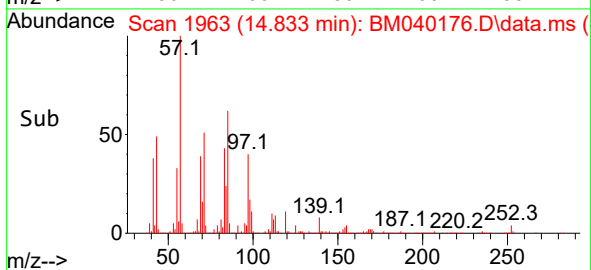
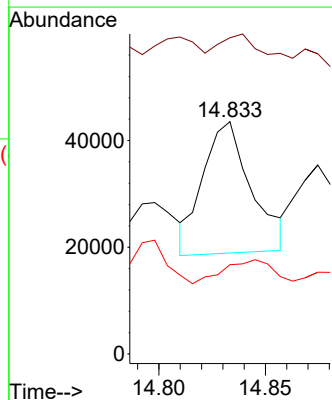
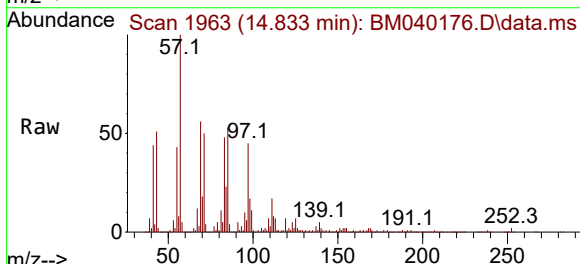
Instrument :
BNA_M
ClientSampleId :
COMP-2-6-10

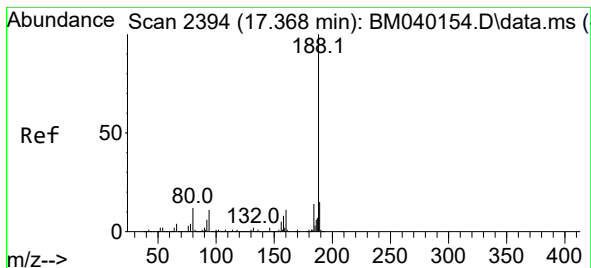
Tgt Ion:184 Resp: 140
Ion Ratio Lower Upper
184 100
63 608.3 62.8 94.2#
154 4575.2 55.9 83.9#



#56
4-Nitrophenol
Concen: 2.700 ng
RT: 14.833 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BM040176.D
Acq: 09 Jun 2023 02:57

Tgt Ion:139 Resp: 38925
Ion Ratio Lower Upper
139 100
109 136.1 54.4 94.4#
65 38.4 71.9 111.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.368 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM040176.D

Acq: 09 Jun 2023 02:57

Instrument :

BNA_M

ClientSampleId :

COMP-2-6-10

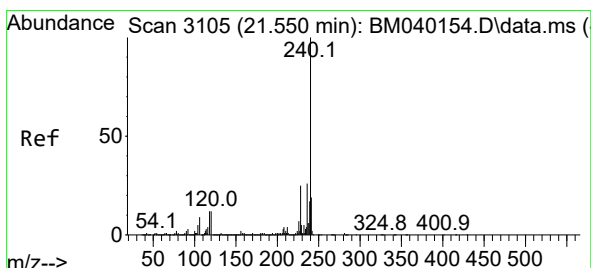
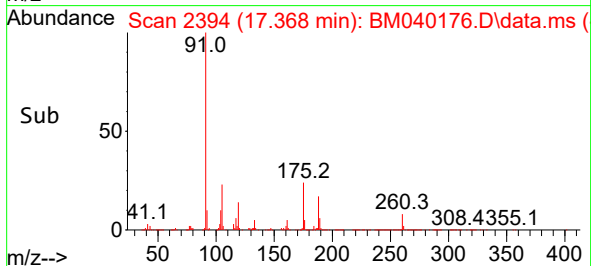
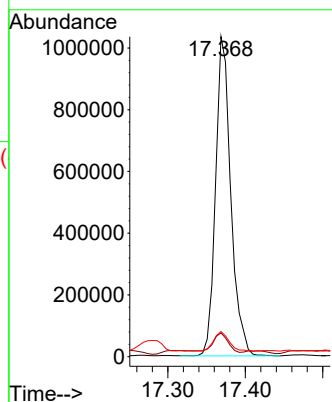
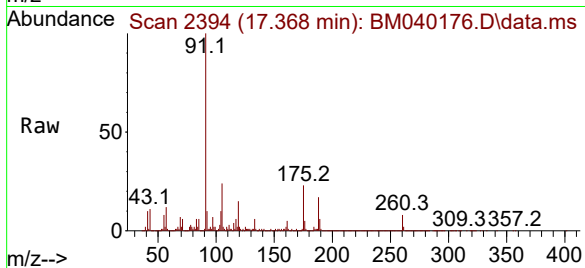
Tgt Ion:188 Resp: 1414223

Ion Ratio Lower Upper

188 100

94 7.5 8.9 13.3#

80 7.9 9.6 14.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.545 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BM040176.D

Acq: 09 Jun 2023 02:57

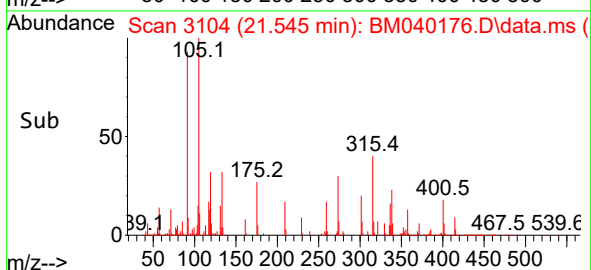
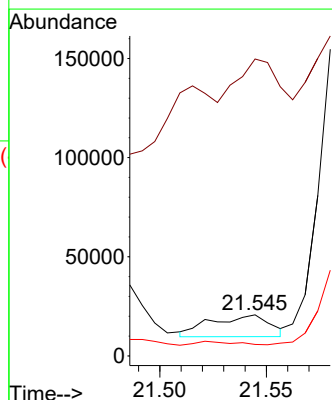
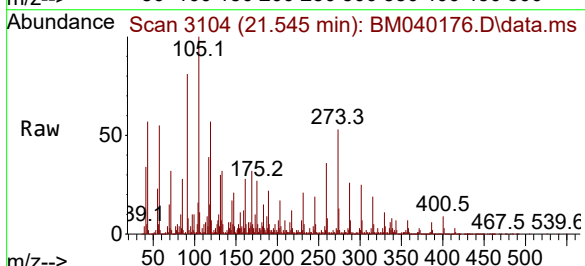
Tgt Ion:240 Resp: 21003

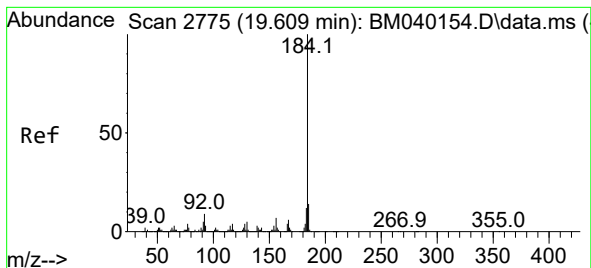
Ion Ratio Lower Upper

240 100

120 722.5 9.9 14.9#

236 28.0 21.1 31.7





#77

Benzidine

Concen: 132.381 ng

RT: 19.562 min Scan# 21

Delta R.T. -0.047 min

Lab File: BM040176.D

Acq: 09 Jun 2023 02:57

Instrument :

BNA_M

ClientSampleId :

COMP-2-6-10

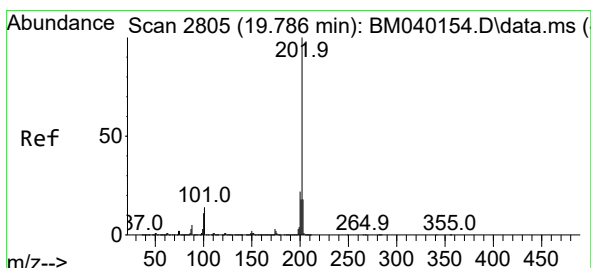
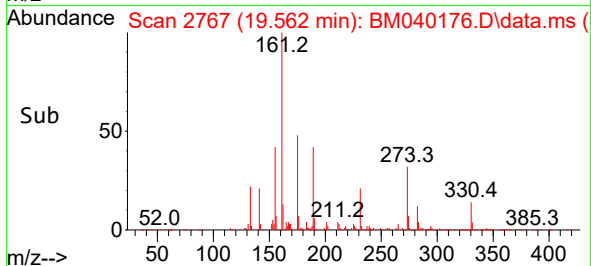
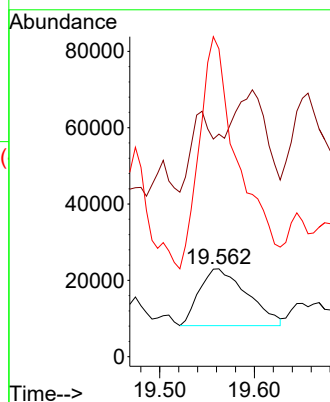
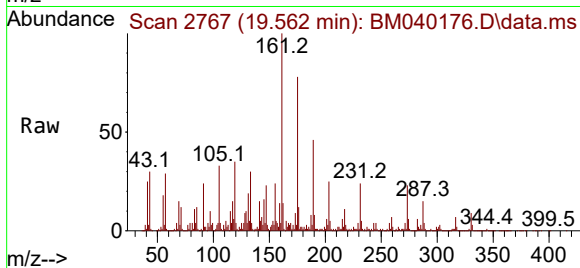
Tgt Ion:184 Resp: 52217

Ion Ratio Lower Upper

184 100

185 253.6 11.6 17.4#

183 350.8 9.4 14.0#



#78

Pyrene

Concen: 10.976 ng

RT: 19.798 min Scan# 2807

Delta R.T. 0.012 min

Lab File: BM040176.D

Acq: 09 Jun 2023 02:57

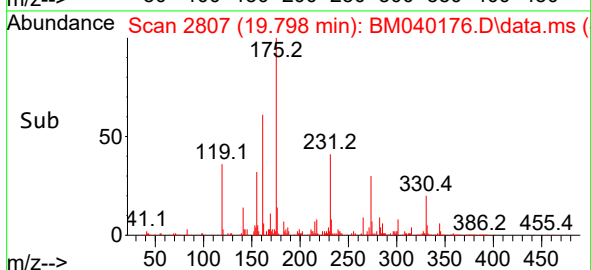
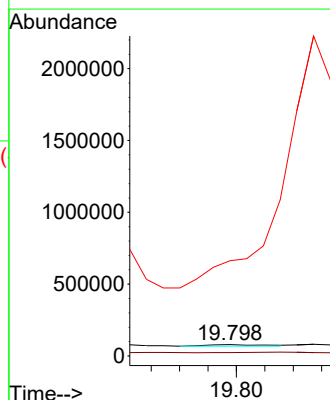
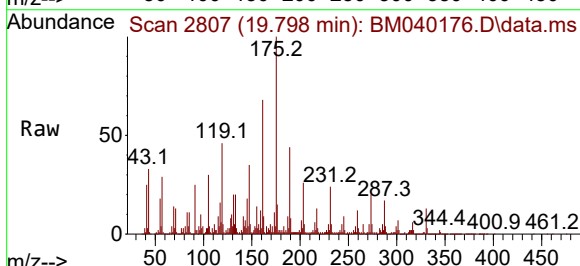
Tgt Ion:202 Resp: 15372

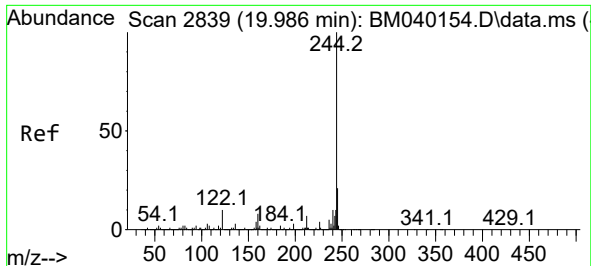
Ion Ratio Lower Upper

202 100

200 29.6 17.8 26.8#

203 840.7 14.4 21.6#

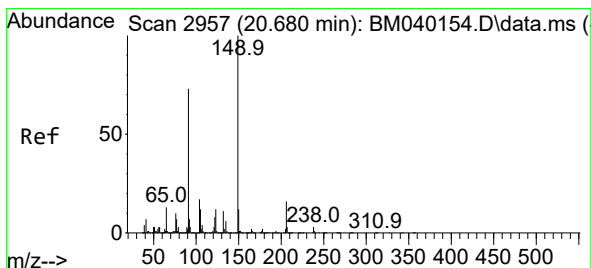
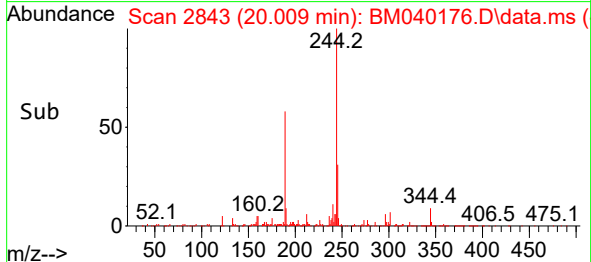
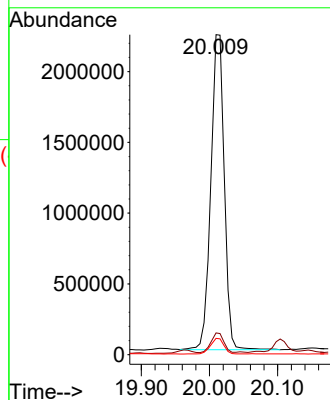
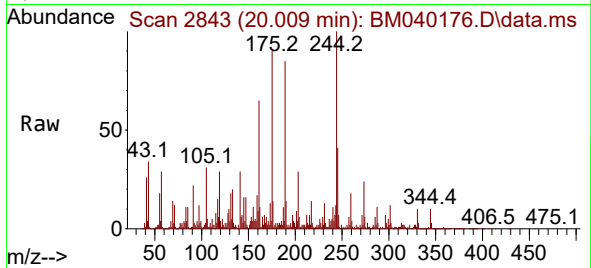




#79
 Terphenyl-d14
 Concen: 2683.256 ng
 RT: 20.009 min Scan# 21
 Delta R.T. 0.024 min
 Lab File: BM040176.D
 Acq: 09 Jun 2023 02:57

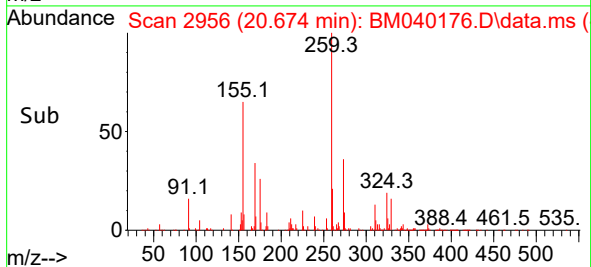
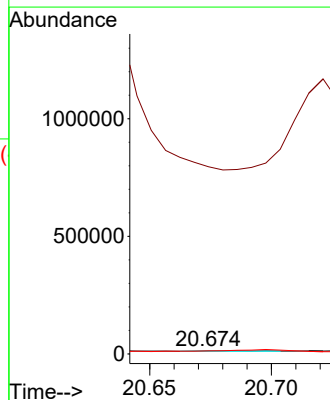
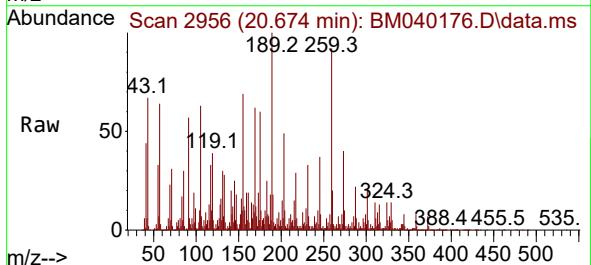
Instrument :
 BNA_M
 ClientSampleId :
 COMP-2-6-10

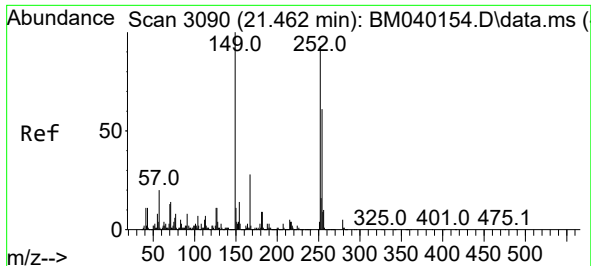
Tgt Ion:244 Resp: 3057196
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 5.1 7.9 11.9#



#80
 Butylbenzylphthalate
 Concen: 3.286 ng
 RT: 20.674 min Scan# 2956
 Delta R.T. -0.006 min
 Lab File: BM040176.D
 Acq: 09 Jun 2023 02:57

Tgt Ion:149 Resp: 1860
 Ion Ratio Lower Upper
 149 100
 91 6090.6 58.3 87.5#
 206 97.4 13.2 19.8#

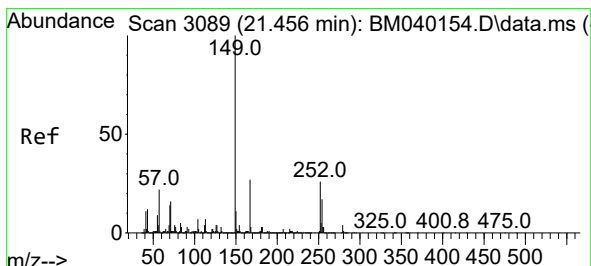
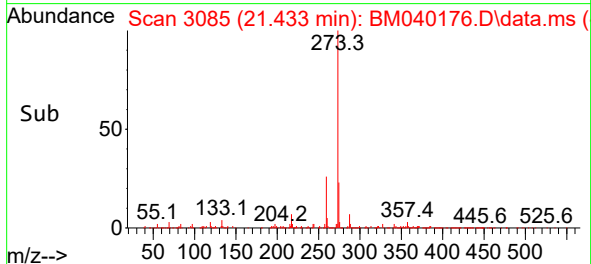
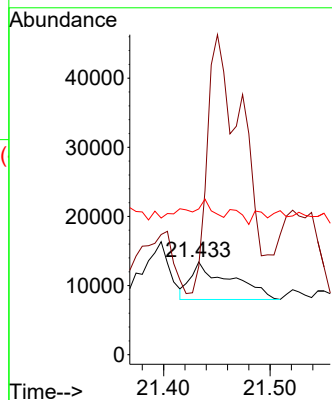
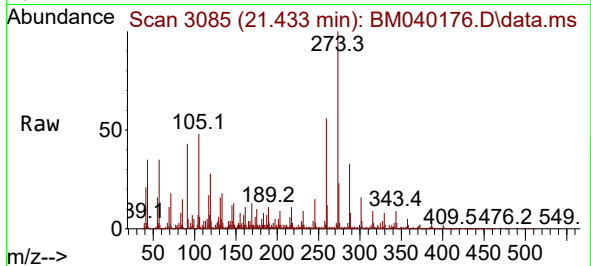




#82
3,3'-Dichlorobenzidine
Concen: 29.641 ng
RT: 21.433 min Scan# 3085
Delta R.T. -0.029 min
Lab File: BM040176.D
Acq: 09 Jun 2023 02:57

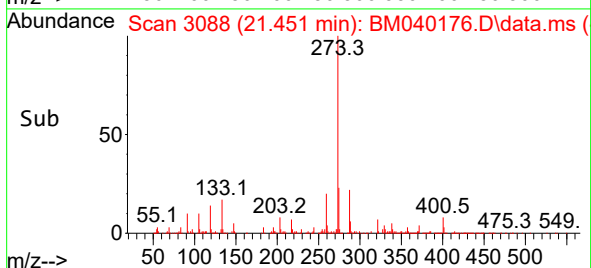
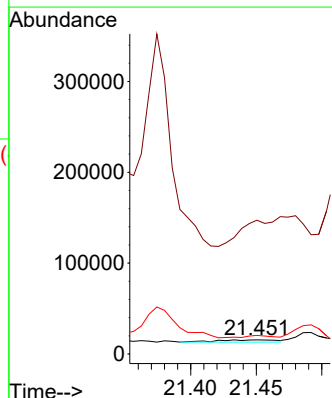
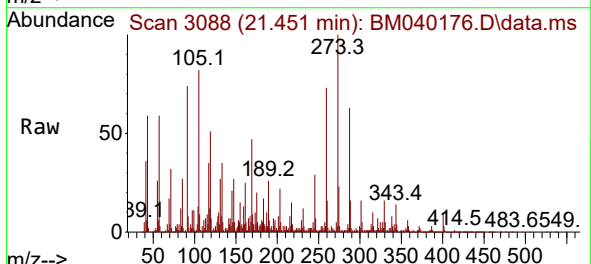
Instrument :
BNA_M
ClientSampleId :
COMP-2-6-10

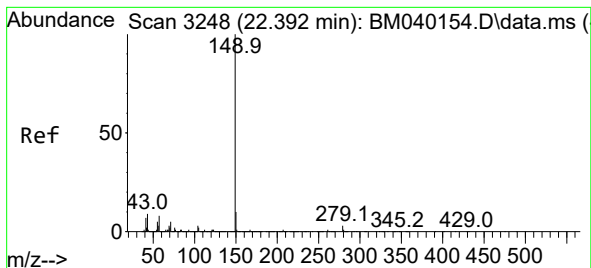
Tgt Ion:252 Resp: 14109
Ion Ratio Lower Upper
252 100
254 95.1 52.2 78.2#
126 157.3 9.5 14.3#



#84
Bis(2-ethylhexyl)phthalate
Concen: 9.551 ng
RT: 21.451 min Scan# 3088
Delta R.T. -0.006 min
Lab File: BM040176.D
Acq: 09 Jun 2023 02:57

Tgt Ion:149 Resp: 7984
Ion Ratio Lower Upper
149 100
167 948.5 21.7 32.5#
279 131.2 3.3 4.9#





#85

Di-n-octyl phthalate

Concen: 4.807 ng

RT: 22.374 min Scan# 31

Delta R.T. -0.018 min

Lab File: BM040176.D

Acq: 09 Jun 2023 02:57

Instrument :

BNA_M

ClientSampleId :

COMP-2-6-10

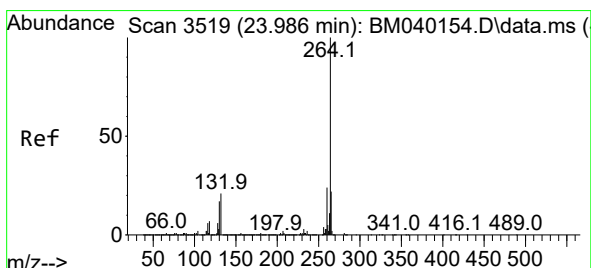
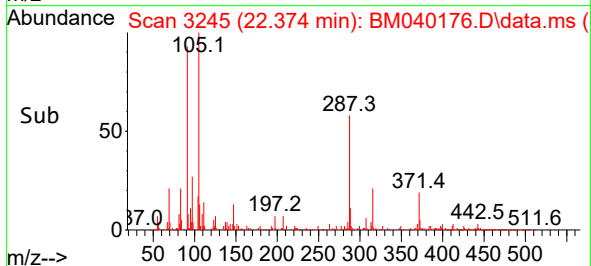
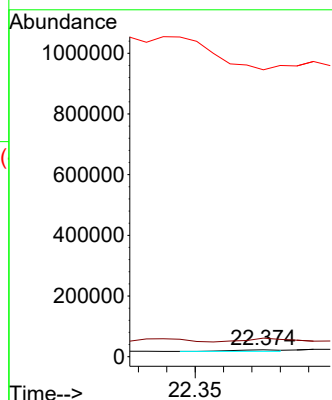
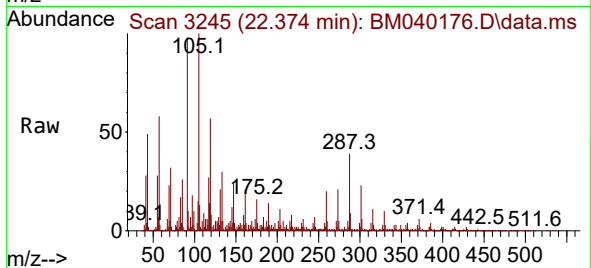
Tgt Ion:149 Resp: 6526

Ion Ratio Lower Upper

149 100

167 297.7 1.1 1.7#

43 0.0 7.4 11.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.045 min Scan# 3529

Delta R.T. 0.059 min

Lab File: BM040176.D

Acq: 09 Jun 2023 02:57

Tgt Ion:264 Resp: 2098703

Ion Ratio Lower Upper

264 100

260 24.5 19.1 28.7

265 22.8 17.7 26.5

