

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021623\
 Data File : BM038759.D
 Acq On : 16 Feb 2023 16:13
 Operator : CG/JU
 Sample : 01537-17
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TEST-PIT-6-(TP6)-COMP-3

Quant Time: Feb 16 17:31:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 15 02:07:17 2023
 Response via : Initial Calibration

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

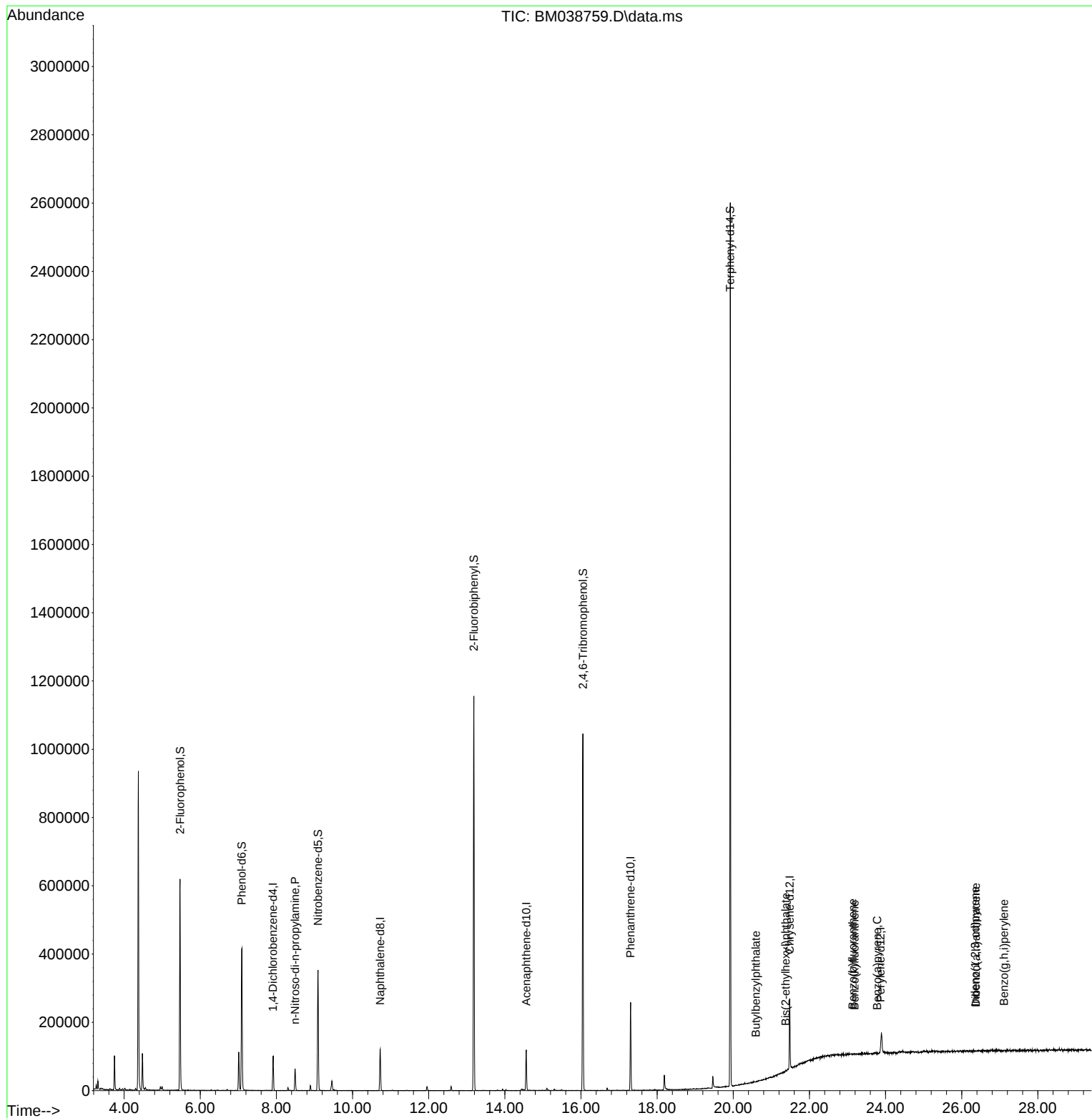
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	29828	20.000	ng	0.01
21) Naphthalene-d8	10.728	136	102147	20.000	ng	0.02
39) Acenaphthene-d10	14.563	164	33042	20.000	ng	0.02
64) Phenanthrene-d10	17.304	188	138867	20.000	ng	0.02
76) Chrysene-d12	21.480	240	52133	20.000	ng	# 0.02
86) Perylene-d12	23.868	264	425	20.000	ng	# 0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	278945	183.193	ng	0.01
7) Phenol-d6	7.087	99	211934	122.035	ng	0.00
23) Nitrobenzene-d5	9.093	82	188939	105.062	ng	0.01
42) 2,4,6-Tribromophenol	16.051	330	163627	364.333	ng	0.02
45) 2-Fluorobiphenyl	13.187	172	553396	213.222	ng	0.02
79) Terphenyl-d14	19.921	244	919356	311.197	ng	0.02
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	8.493	70	6334	6.051	ng	# 51
80) Butylbenzylphthalate	20.598	149	315	2.096	ng	# 91
84) Bis(2-ethylhexyl)phtha...	21.374	149	1689	2.058	ng	# 78
87) Indeno(1,2,3-cd)pyrene	26.350	276	74	2.211	ng	# 52
88) Benzo(b)fluoranthene	23.133	252	1361	53.465	ng	# 1
89) Benzo(k)fluoranthene	23.186	252	1089	42.128	ng	# 16
90) Benzo(a)pyrene	23.780	252	121	4.807	ng	# 1
91) Dibenzo(a,h)anthracene	26.368	278	61	2.166	ng	# 57
92) Benzo(g,h,i)perylene	27.109	276	60	2.108	ng	# 54

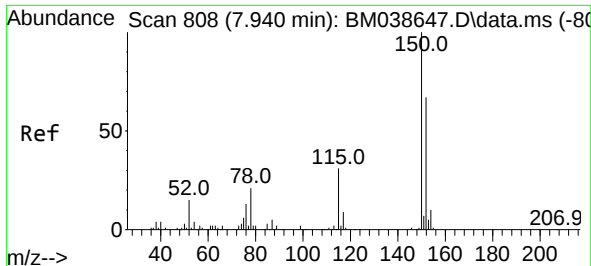
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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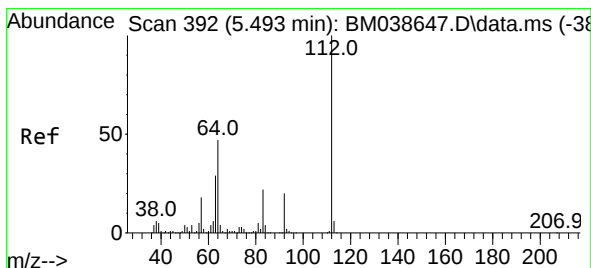
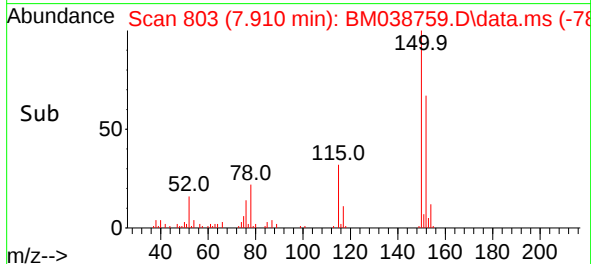
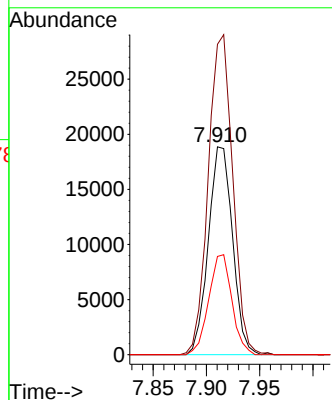
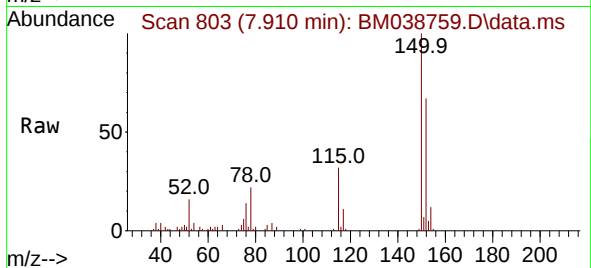




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 808
Delta R.T. 0.012 min
Lab File: BM038759.D
Acq: 16 Feb 2023 16:13

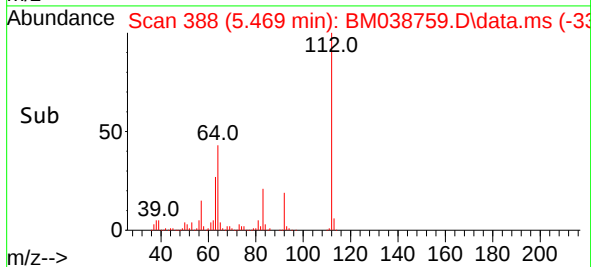
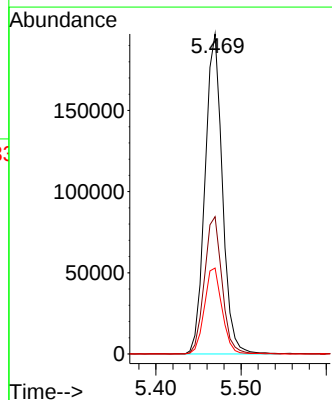
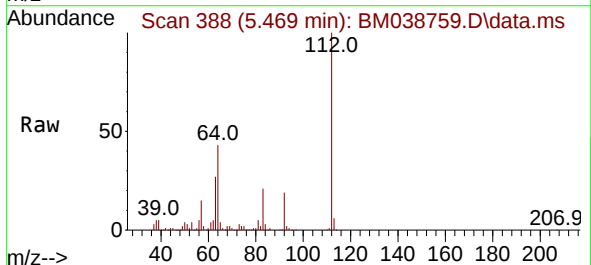
Instrument :
BNA_M
ClientSampleId :
TEST-PIT-6-(TP6)-COMP-3

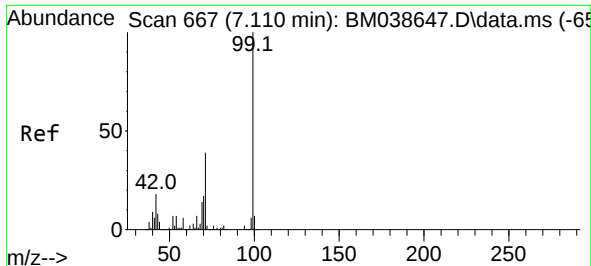
Tgt Ion	Ratio	Lower	Upper
152	100		
150	149.4	119.5	179.3
115	47.3	37.6	56.4



#5
2-Fluorophenol
Concen: 183.193 ng
RT: 5.469 min Scan# 388
Delta R.T. 0.012 min
Lab File: BM038759.D
Acq: 16 Feb 2023 16:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	42.9	37.9	56.9
63	26.8	23.3	34.9

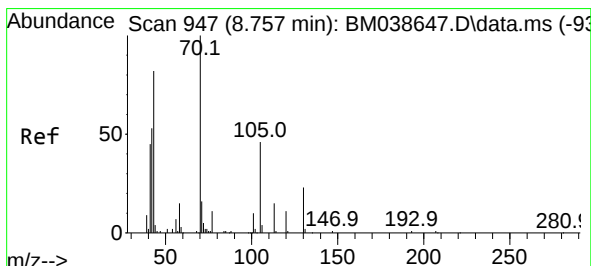
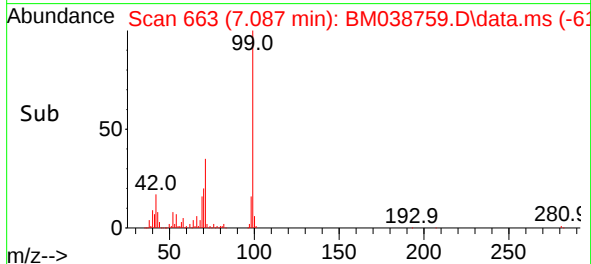
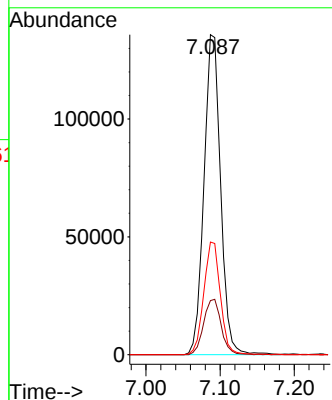
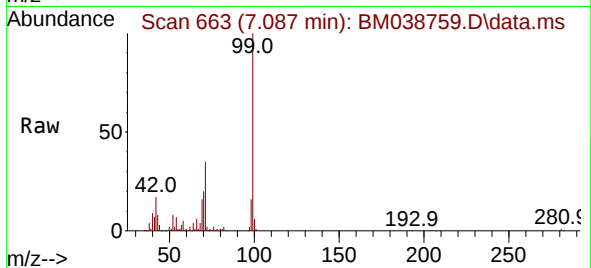




#7
Phenol-d6
Concen: 122.035 ng
RT: 7.087 min Scan# 60
Delta R.T. 0.006 min
Lab File: BM038759.D
Acq: 16 Feb 2023 16:13

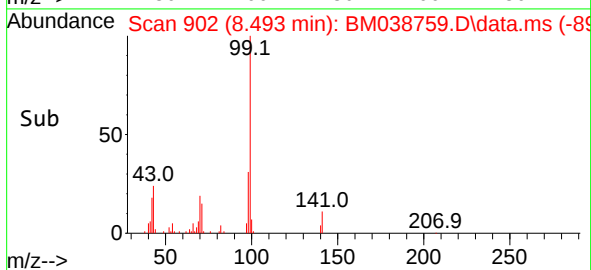
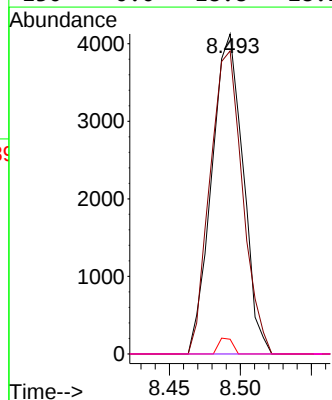
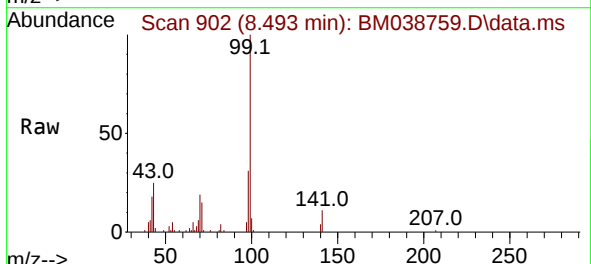
Instrument :
BNA_M
ClientSampleId :
TEST-PIT-6-(TP6)-COMP-3

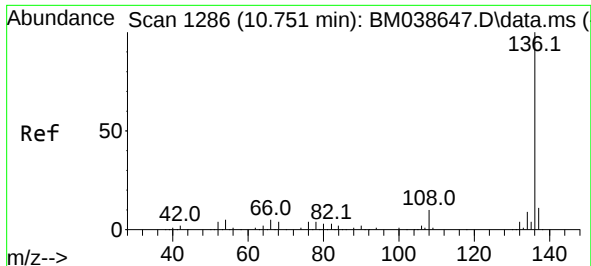
Tgt Ion: 99 Resp: 211934
Ion Ratio Lower Upper
99 100
42 16.9 14.6 22.0
71 35.2 31.0 46.4



#19
n-Nitroso-di-n-propylamine
Concen: 6.051 ng
RT: 8.493 min Scan# 902
Delta R.T. -0.229 min
Lab File: BM038759.D
Acq: 16 Feb 2023 16:13

Tgt Ion: 70 Resp: 6334
Ion Ratio Lower Upper
70 100
42 94.7 43.4 65.2#
101 4.6 8.2 12.2#
130 0.0 18.8 28.2#

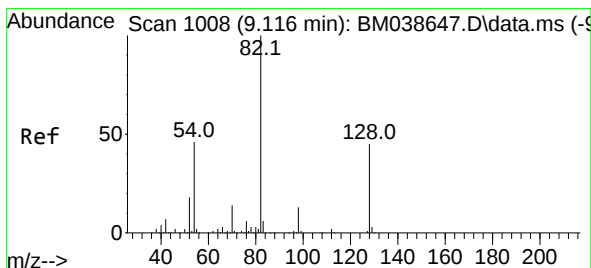
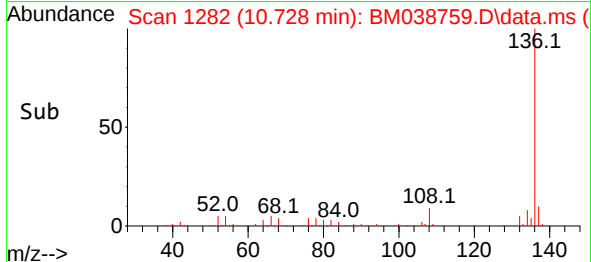
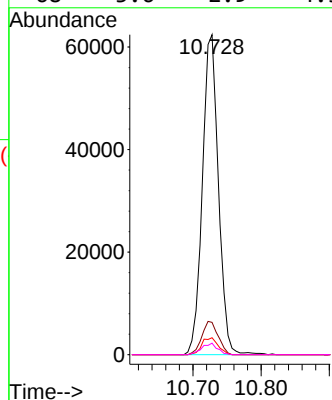
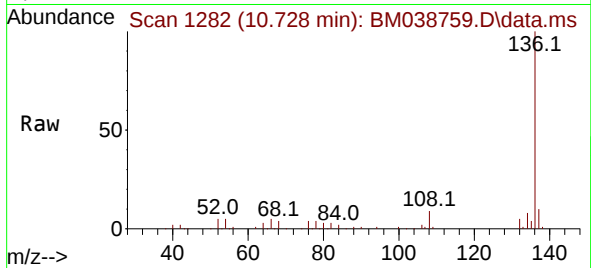




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 1021
Delta R.T. 0.018 min
Lab File: BM038759.D
Acq: 16 Feb 2023 16:13

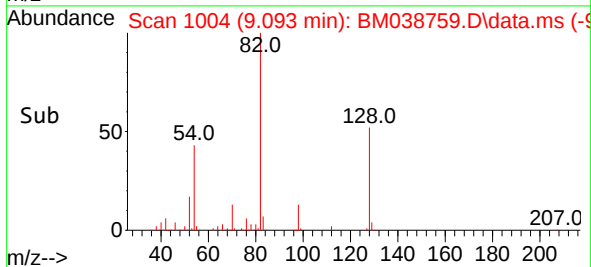
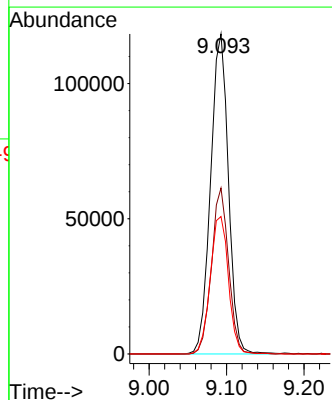
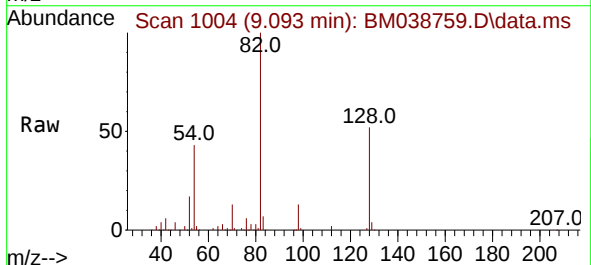
Instrument :
BNA_M
ClientSampleId :
TEST-PIT-6-(TP6)-COMP-3

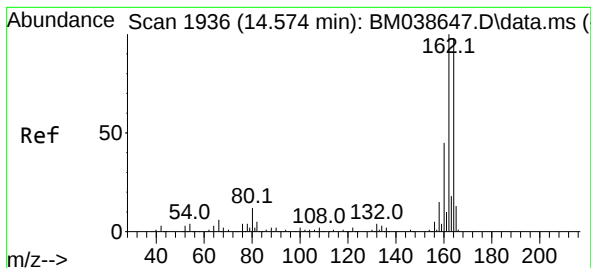
Tgt Ion:	136	Resp:	102147
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.8	13.2
54	5.3	4.2	6.4
68	3.6	2.9	4.3



#23
Nitrobenzene-d5
Concen: 105.062 ng
RT: 9.093 min Scan# 1004
Delta R.T. 0.012 min
Lab File: BM038759.D
Acq: 16 Feb 2023 16:13

Tgt Ion:	82	Resp:	188939
Ion	Ratio	Lower	Upper
82	100		
128	51.8	36.0	54.0
54	42.9	36.8	55.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.563 min Scan# 1934

Delta R.T. 0.018 min

Lab File: BM038759.D

Acq: 16 Feb 2023 16:13

Instrument :

BNA_M

ClientSampleId :

TEST-PIT-6-(TP6)-COMP-3

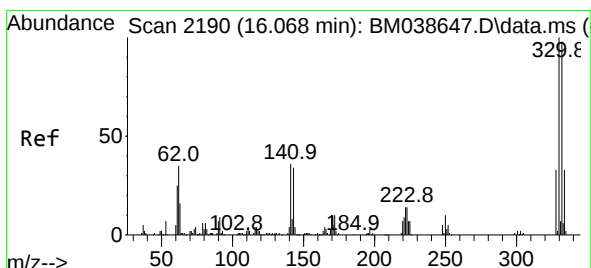
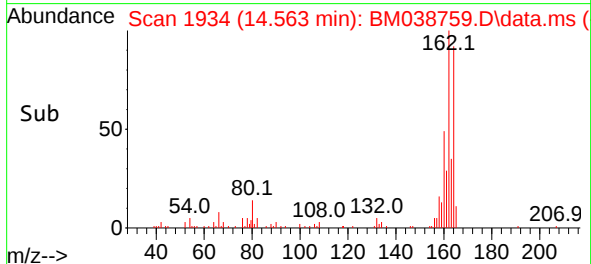
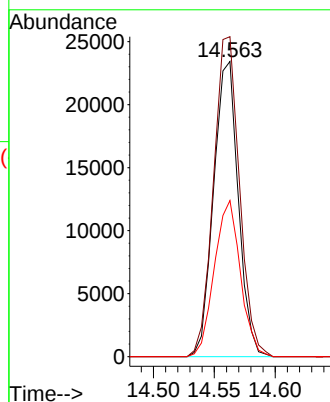
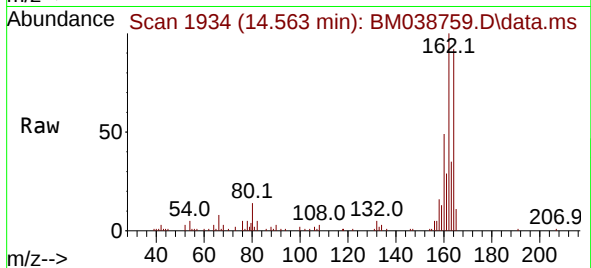
Tgt Ion:164 Resp: 33042

Ion Ratio Lower Upper

164 100

162 108.4 81.4 122.0

160 52.9 36.5 54.7



#42

2,4,6-Tribromophenol

Concen: 364.333 ng

RT: 16.051 min Scan# 2187

Delta R.T. 0.018 min

Lab File: BM038759.D

Acq: 16 Feb 2023 16:13

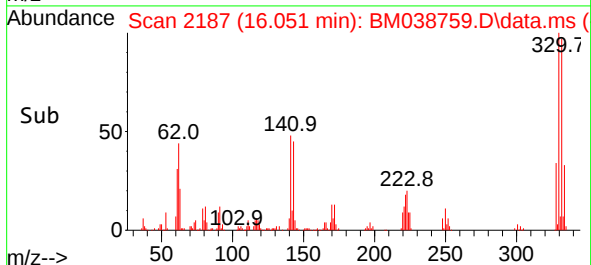
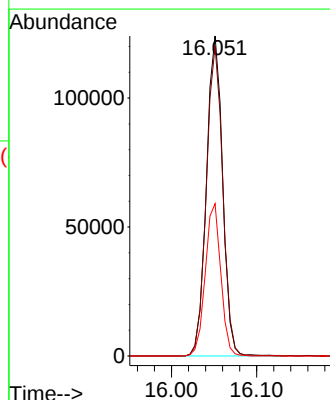
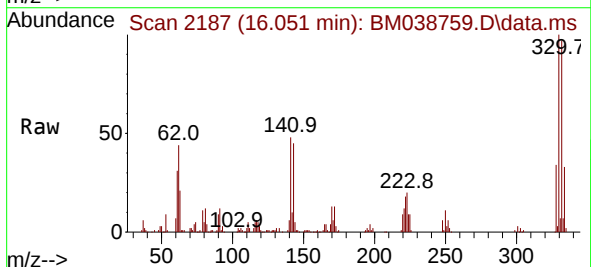
Tgt Ion:330 Resp: 163627

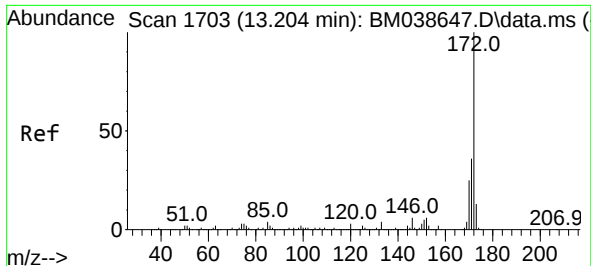
Ion Ratio Lower Upper

330 100

332 97.9 77.8 116.6

141 45.7 31.0 46.6

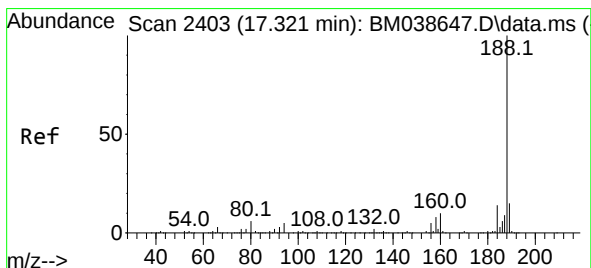
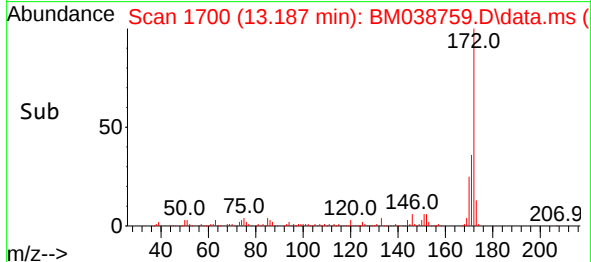
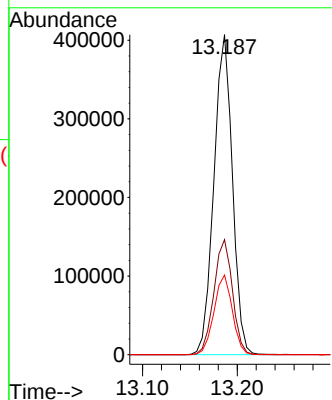
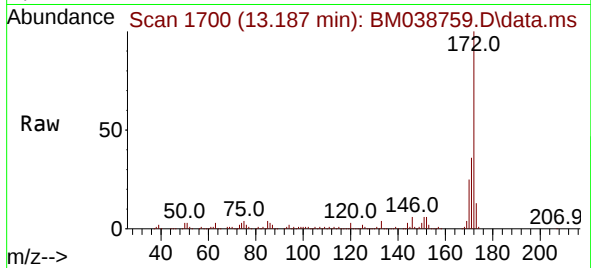




#45
2-Fluorobiphenyl
Concen: 213.222 ng
RT: 13.187 min Scan# 11
Delta R.T. 0.018 min
Lab File: BM038759.D
Acq: 16 Feb 2023 16:13

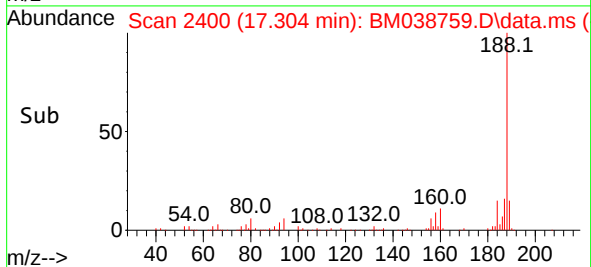
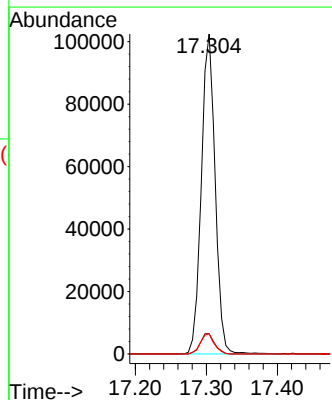
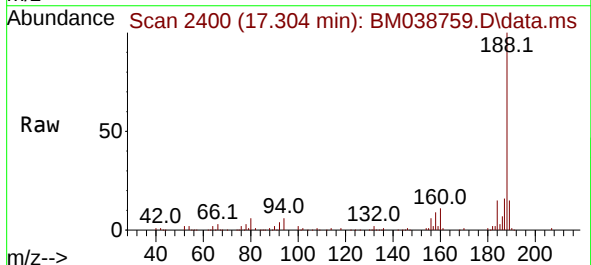
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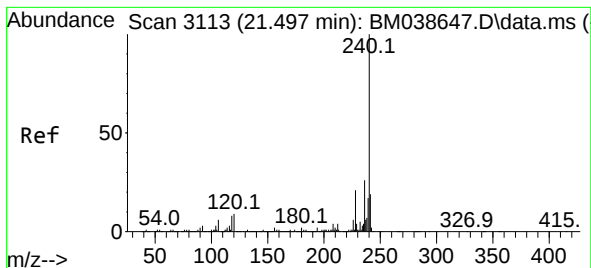
Tgt Ion:172 Resp: 553396
Ion Ratio Lower Upper
172 100
171 35.9 28.7 43.1
170 24.9 20.0 30.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.304 min Scan# 2400
Delta R.T. 0.018 min
Lab File: BM038759.D
Acq: 16 Feb 2023 16:13

Tgt Ion:188 Resp: 138867
Ion Ratio Lower Upper
188 100
94 6.3 4.2 6.4
80 6.2 4.6 7.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.480 min Scan# 3113

Delta R.T. 0.018 min

Lab File: BM038759.D

Acq: 16 Feb 2023 16:13

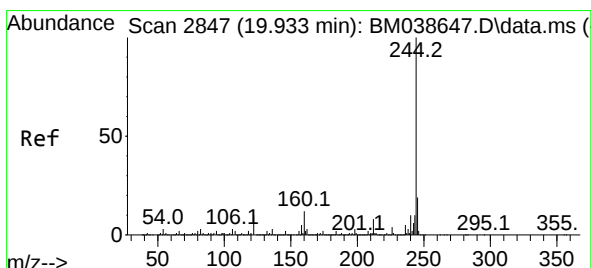
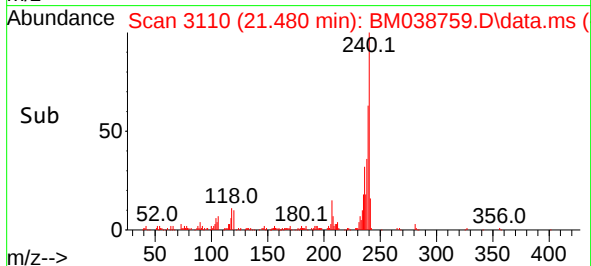
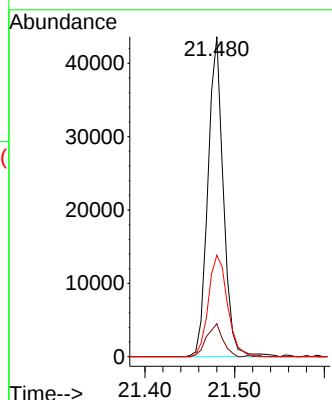
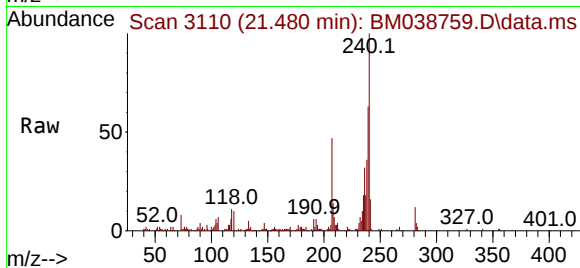
Instrument :

BNA_M

ClientSampleId :

TEST-PIT-6-(TP6)-COMP-3

Tgt Ion:240	Resp:	52133
Ion Ratio	Lower	Upper
240	100	
120	10.3	7.0 10.4
236	31.7	20.9 31.3#



#79

Terphenyl-d14

Concen: 311.197 ng

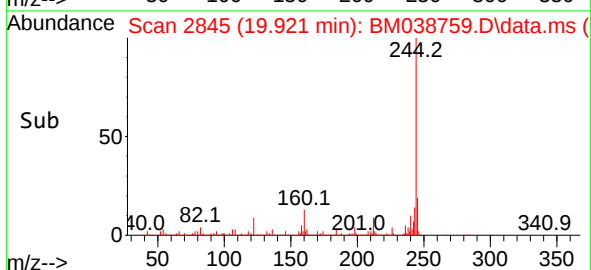
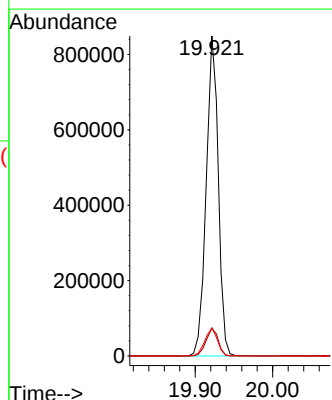
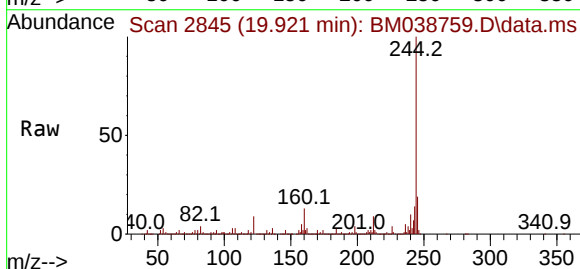
RT: 19.921 min Scan# 2845

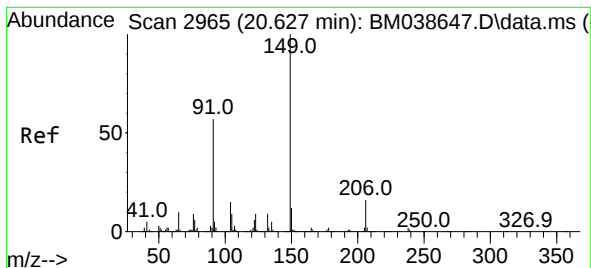
Delta R.T. 0.018 min

Lab File: BM038759.D

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Tgt Ion:244	Resp:	919356
Ion Ratio	Lower	Upper
244	100	
212	8.7	6.6 9.8
122	8.7	7.8 11.8





#80

Butylbenzylphthalate

Concen: 2.096 ng

RT: 20.598 min Scan# 2960

Delta R.T. 0.006 min

Lab File: BM038759.D

Acq: 16 Feb 2023 16:13

Instrument :

BNA_M

ClientSampleId :

TEST-PIT-6-(TP6)-COMP-3

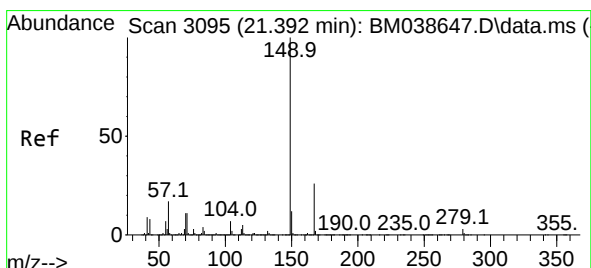
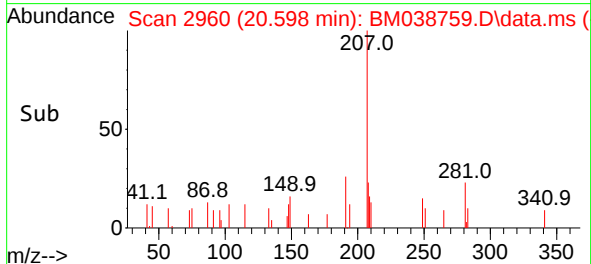
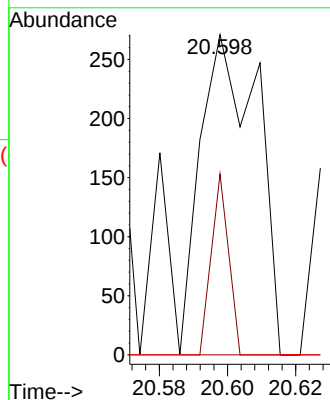
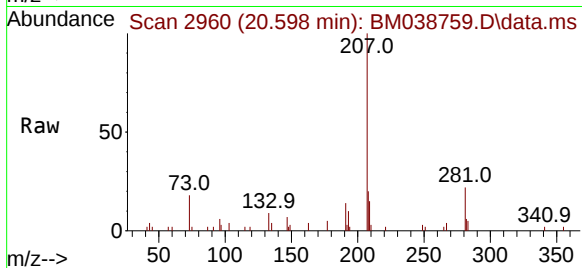
Tgt Ion:149 Resp: 315

Ion Ratio Lower Upper

149 100

91 56.5 45.6 68.4

206 0.0 12.5 18.7#



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.058 ng

RT: 21.374 min Scan# 3092

Delta R.T. 0.012 min

Lab File: BM038759.D

Acq: 16 Feb 2023 16:13

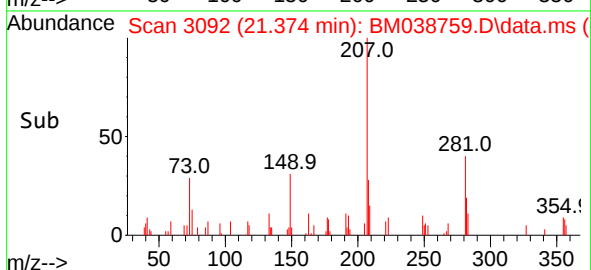
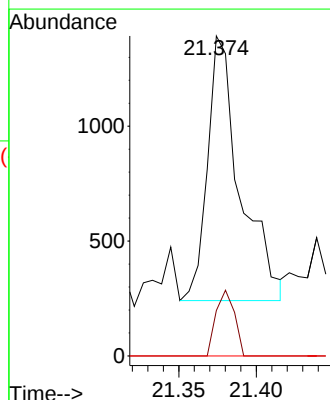
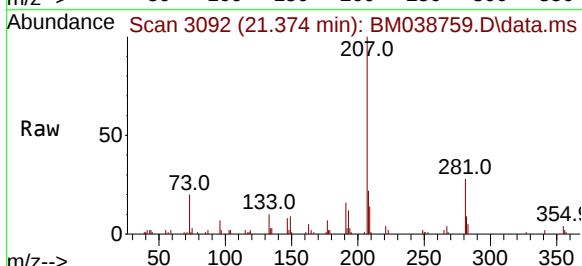
Tgt Ion:149 Resp: 1689

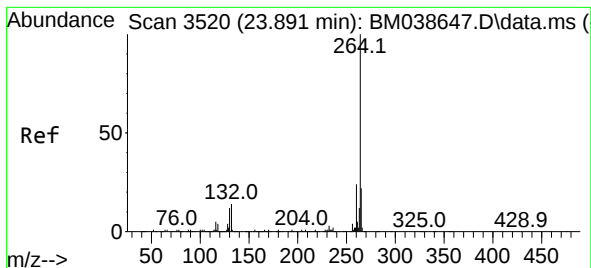
Ion Ratio Lower Upper

149 100

167 14.2 20.8 31.2#

279 0.0 2.5 3.7#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.868 min Scan# 3

Delta R.T. 0.030 min

Lab File: BM038759.D

Acq: 16 Feb 2023 16:13

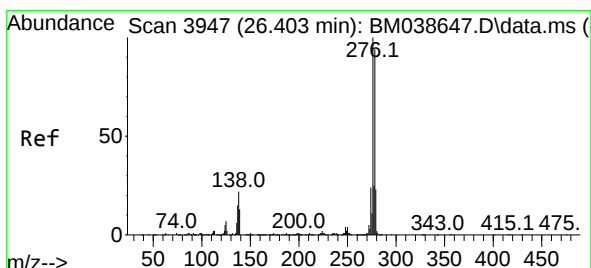
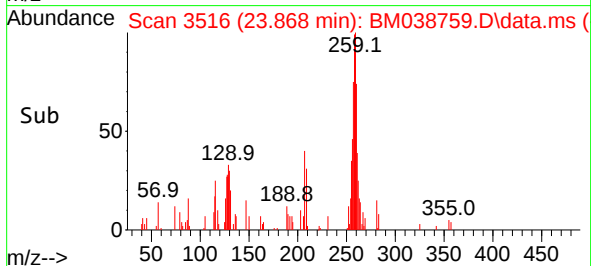
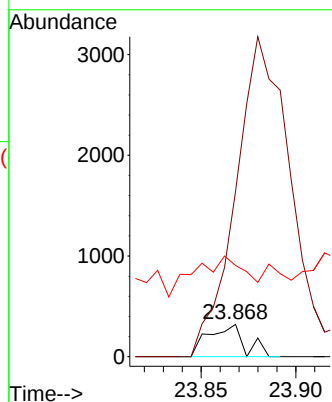
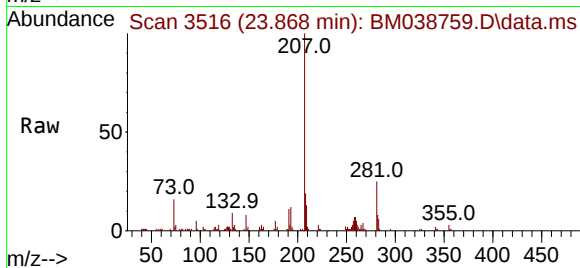
Instrument :

BNA_M

ClientSampleId :

TEST-PIT-6-(TP6)-COMP-3

Tgt Ion:264	Resp:	425
Ion Ratio	Lower	Upper
264	100	
260	510.6	19.6 29.4#
265	281.4	17.9 26.9#



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.211 ng

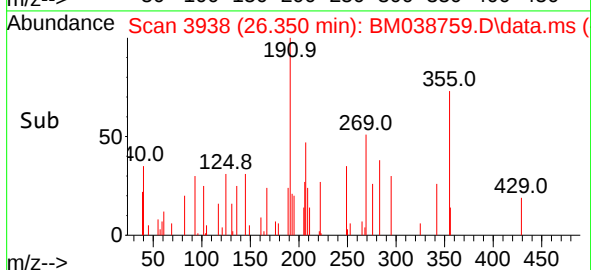
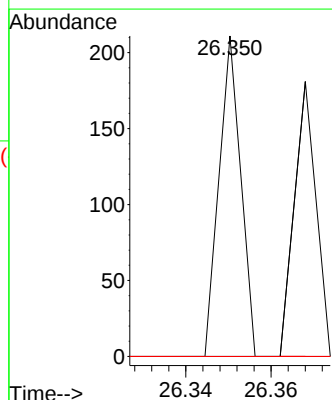
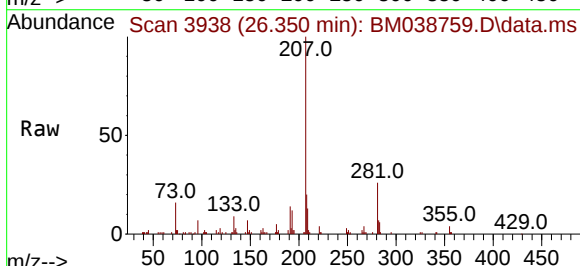
RT: 26.350 min Scan# 3938

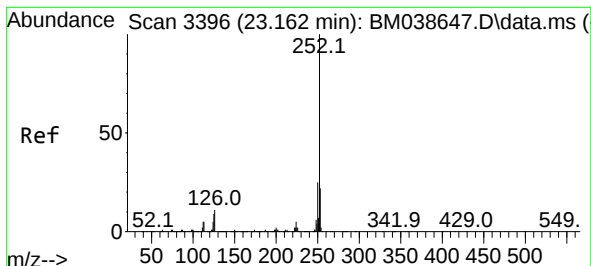
Delta R.T. 0.036 min

Lab File: BM038759.D

Acq: 16 Feb 2023 16:13

Tgt Ion:276	Resp:	74
Ion Ratio	Lower	Upper
276	100	
138	0.0	17.2 25.8#
277	0.0	20.2 30.4#





#88

Benzo(b)fluoranthene

Concen: 53.465 ng

RT: 23.133 min Scan# 31

Delta R.T. 0.018 min

Lab File: BM038759.D

Acq: 16 Feb 2023 16:13

Instrument :

BNA_M

ClientSampleId :

TEST-PIT-6-(TP6)-COMP-3

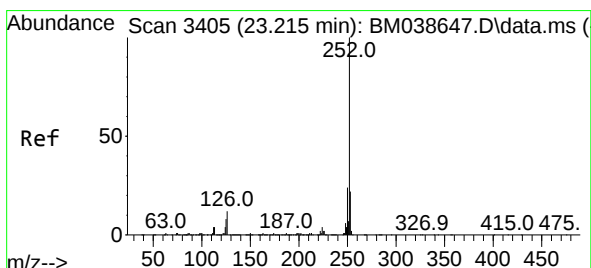
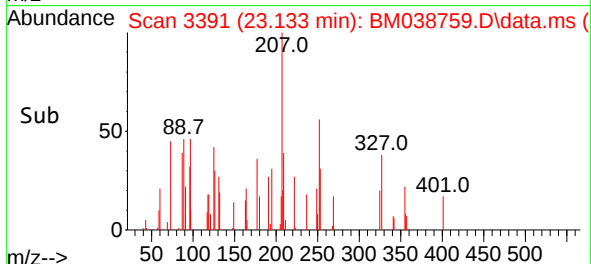
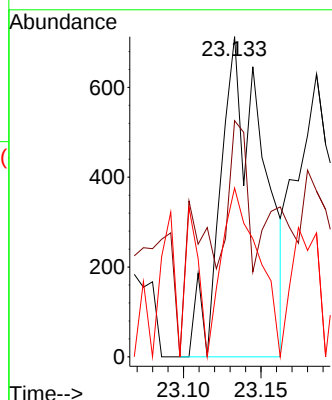
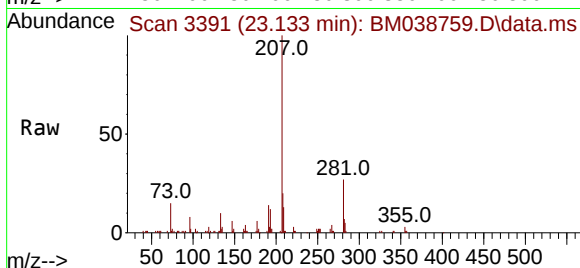
Tgt Ion:252 Resp: 1361

Ion Ratio Lower Upper

252 100

253 73.8 17.4 26.2#

125 52.7 7.0 10.6#



#89

Benzo(k)fluoranthene

Concen: 42.128 ng

RT: 23.186 min Scan# 3400

Delta R.T. 0.024 min

Lab File: BM038759.D

Acq: 16 Feb 2023 16:13

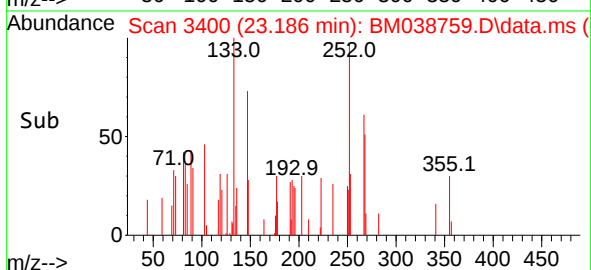
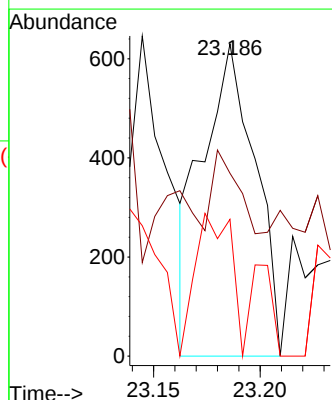
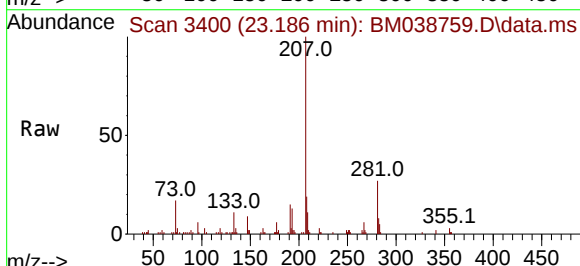
Tgt Ion:252 Resp: 1089

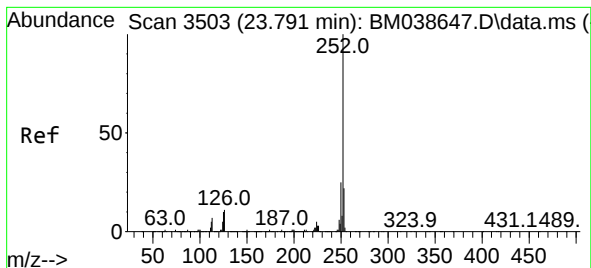
Ion Ratio Lower Upper

252 100

253 58.6 17.4 26.0#

125 43.8 6.6 9.8#





#90

Benzo(a)pyrene

Concen: 4.807 ng

RT: 23.780 min Scan# 3

Delta R.T. 0.042 min

Lab File: BM038759.D

Acq: 16 Feb 2023 16:13

Instrument :

BNA_M

ClientSampleId :

TEST-PIT-6-(TP6)-COMP-3

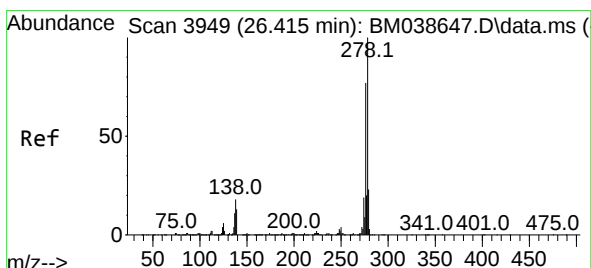
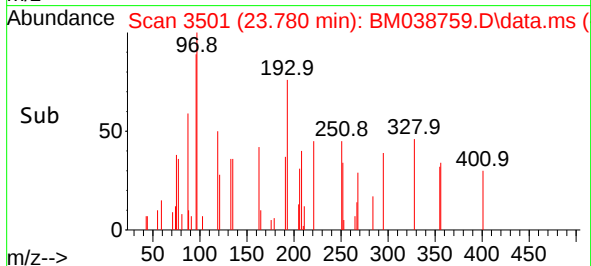
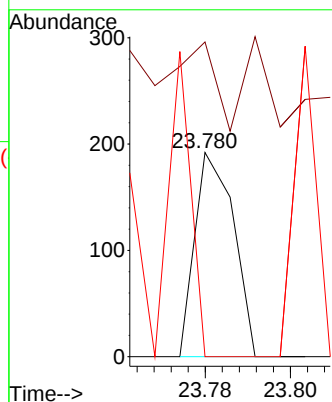
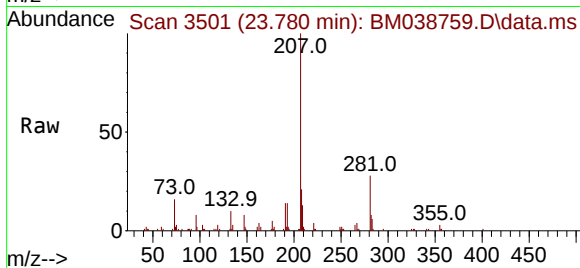
Tgt Ion:252 Resp: 121

Ion Ratio Lower Upper

252 100

253 154.2 17.7 26.5#

125 0.0 7.8 11.8#



#91

Dibenzo(a,h)anthracene

Concen: 2.166 ng

RT: 26.368 min Scan# 3941

Delta R.T. 0.042 min

Lab File: BM038759.D

Acq: 16 Feb 2023 16:13

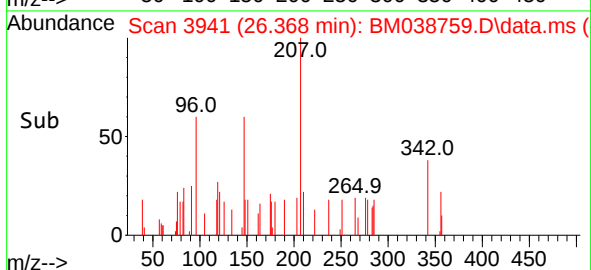
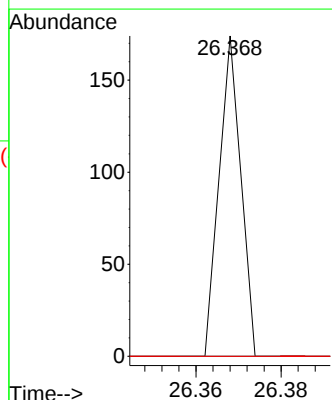
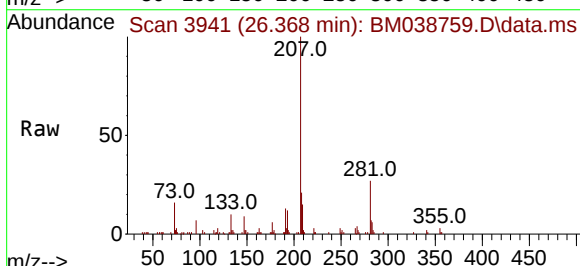
Tgt Ion:278 Resp: 61

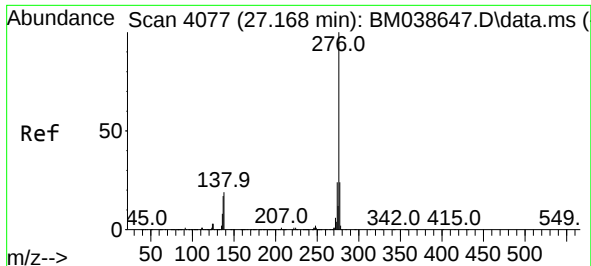
Ion Ratio Lower Upper

278 100

139 0.0 10.5 15.7#

279 0.0 18.7 28.1#





#92
 Benzo(g,h,i)perylene
 Concen: 2.108 ng
 RT: 27.109 min Scan# 40
 Delta R.T. 0.030 min
 Lab File: BM038759.D
 Acq: 16 Feb 2023 16:13

Instrument :
 BNA_M
 ClientSampleId :
 TEST-PIT-6-(TP6)-COMP-3

Tgt Ion	Ratio	Lower	Upper
276	100		
277	0.0	19.1	28.7#
138	0.0	15.3	22.9#

