

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 17 06:32:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 06:10:11 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	0.00
21) Naphthalene-d8	10.728	136	102147	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	33042	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	138867	20.000	ng	0.00
76) Chrysene-d12	21.480	240	52133	20.000	ng	# 0.00
86) Perylene-d12	23.868	264	425	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	278945	183.193	ng	0.00
7) Phenol-d6	7.087	99	211934	122.035	ng	0.00
23) Nitrobenzene-d5	9.093	82	188939	105.062	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	163627	364.333	ng	0.00
45) 2-Fluorobiphenyl	13.187	172	553396	213.222	ng	0.00
79) Terphenyl-d14	19.921	244	919356	311.197	ng	0.00

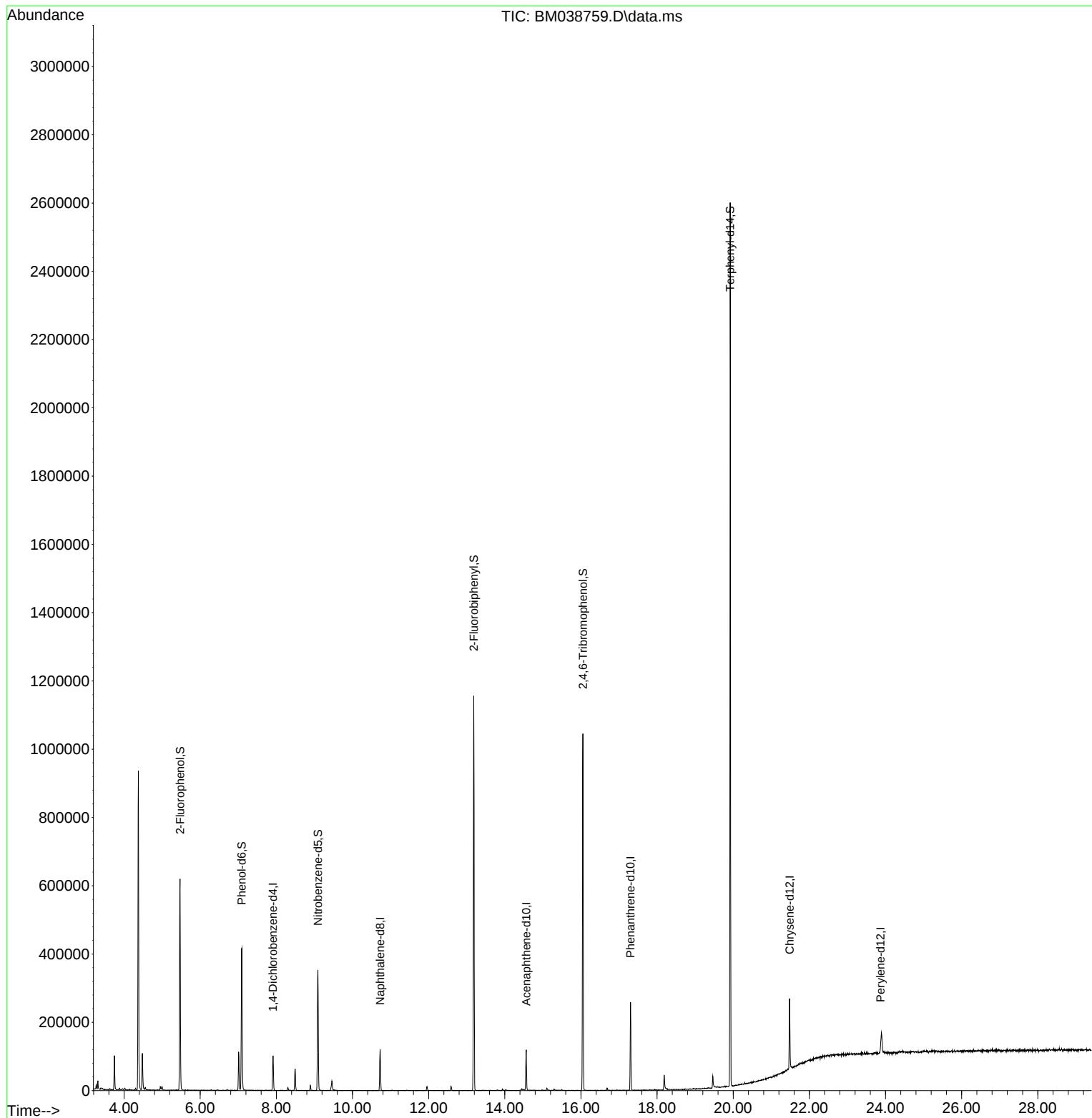
Target Compounds	Qvalue

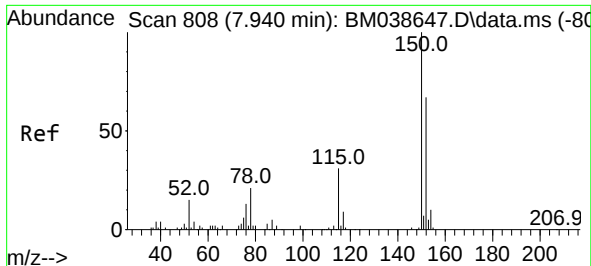
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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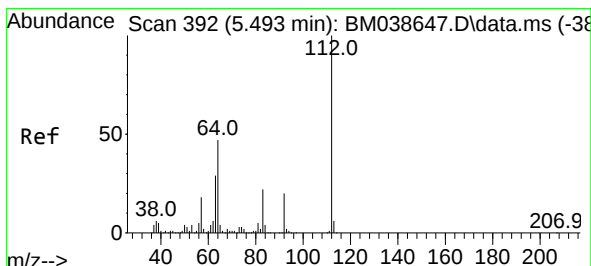
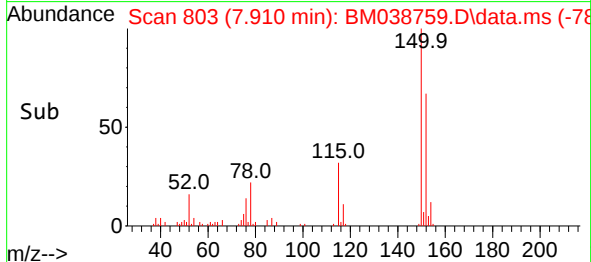
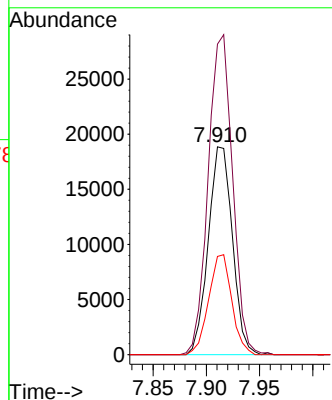
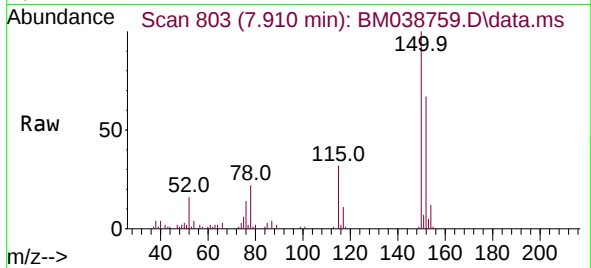




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM038759.D
Acq: 16 Feb 2023 16:13

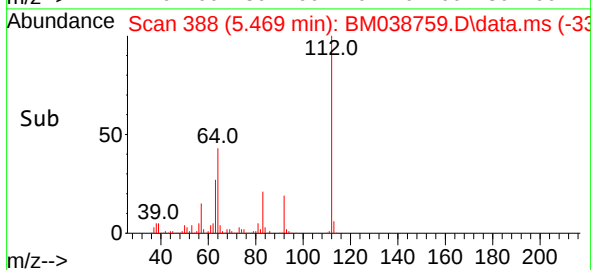
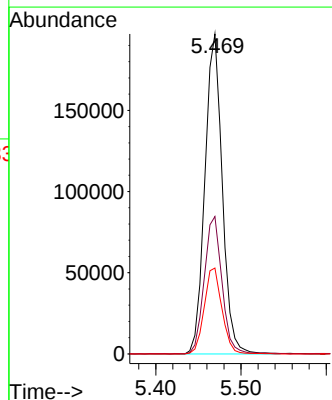
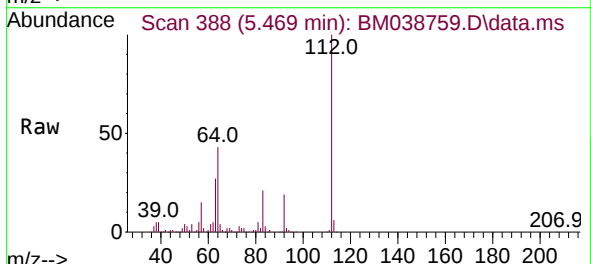
Instrument :
BNA_M
ClientSampleId :
TEST-PIT-6-(TP6)-COMP-3

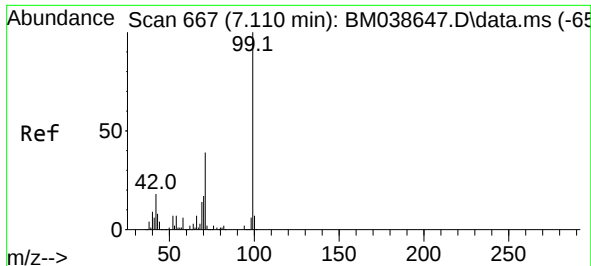
Tgt Ion:152 Resp: 29828
Ion Ratio Lower Upper
152 100
150 149.4 119.5 179.3
115 47.3 37.6 56.4



#5
2-Fluorophenol
Concen: 183.193 ng
RT: 5.469 min Scan# 388
Delta R.T. 0.006 min
Lab File: BM038759.D
Acq: 16 Feb 2023 16:13

Tgt Ion:112 Resp: 278945
Ion Ratio Lower Upper
112 100
64 42.9 37.9 56.9
63 26.8 23.3 34.9

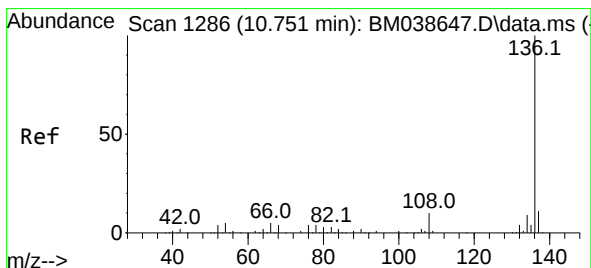
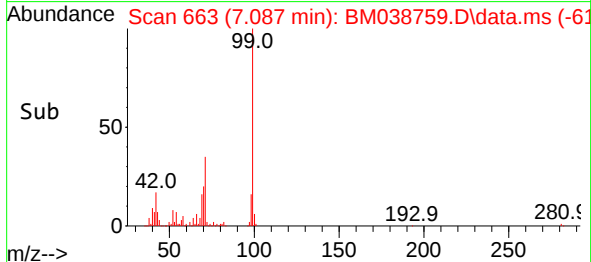
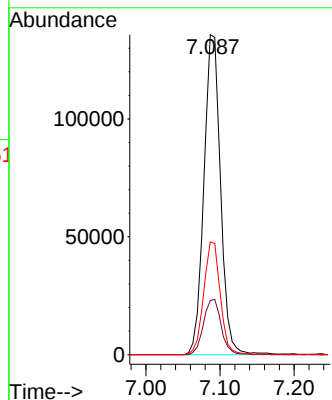
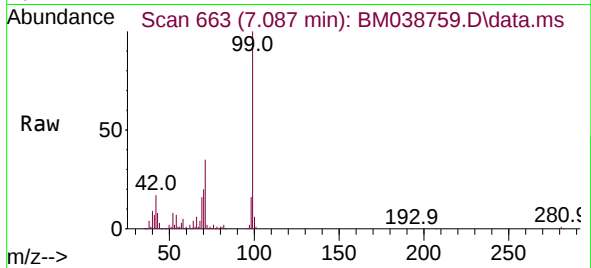




#7
Phenol-d6
Concen: 122.035 ng
RT: 7.087 min Scan# 60
Delta R.T. 0.000 min
Lab File: BM038759.D
Acq: 16 Feb 2023 16:13

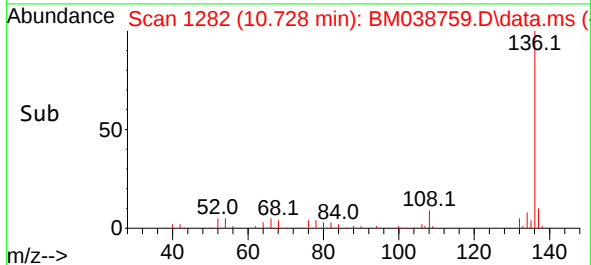
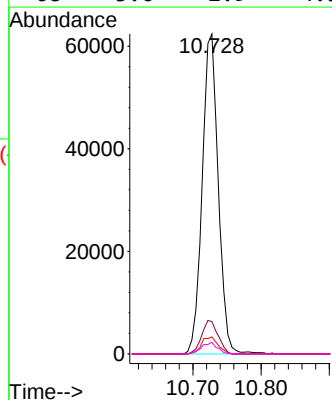
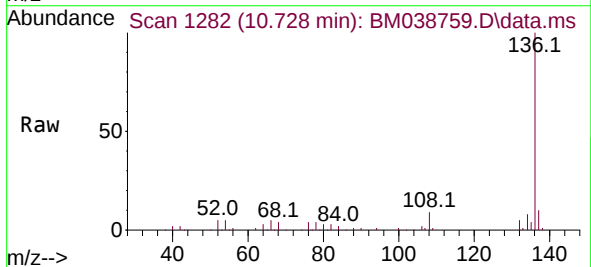
Instrument :
BNA_M
ClientSampleId :
TEST-PIT-6-(TP6)-COMP-3

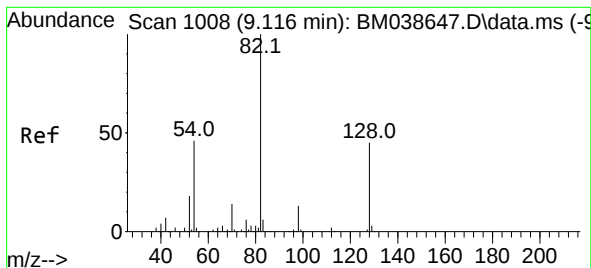
Tgt Ion: 99 Resp: 211934
Ion Ratio Lower Upper
99 100
42 16.9 14.6 22.0
71 35.2 31.0 46.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BM038759.D
Acq: 16 Feb 2023 16:13

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. 0.000 min

Lab File: BM038759.D

Acq: 16 Feb 2023 16:13

Instrument :

BNA_M

ClientSampleId :

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

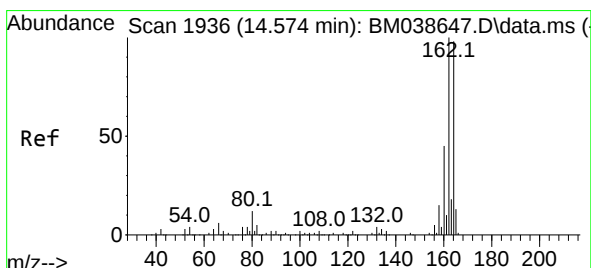
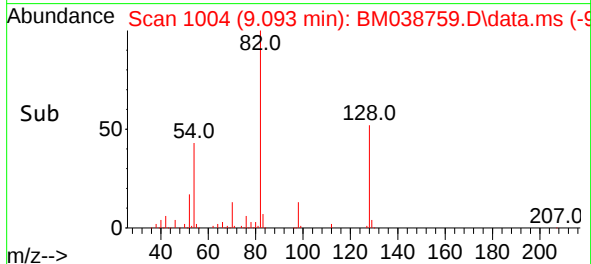
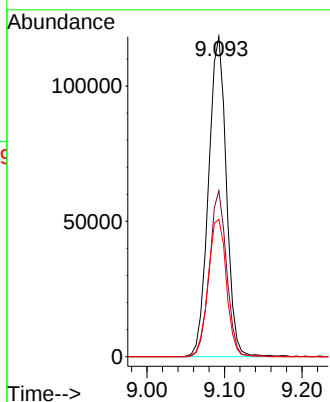
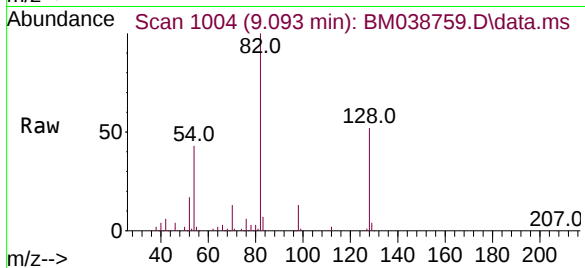
Tgt Ion: 82 Resp: 188939

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. 0.000 min

Lab File: BM038759.D

Acq: 16 Feb 2023 16:13

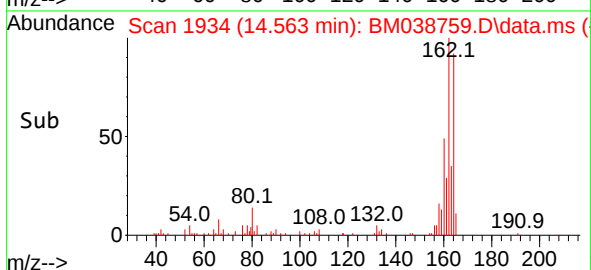
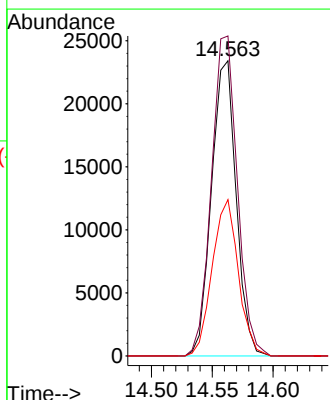
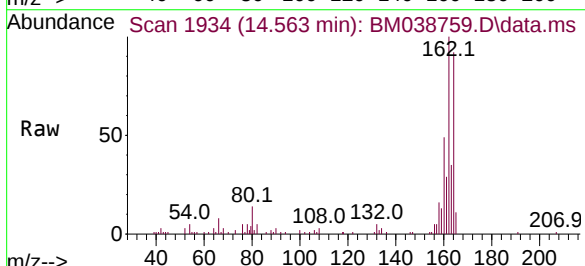
Tgt Ion: 164 Resp: 33042

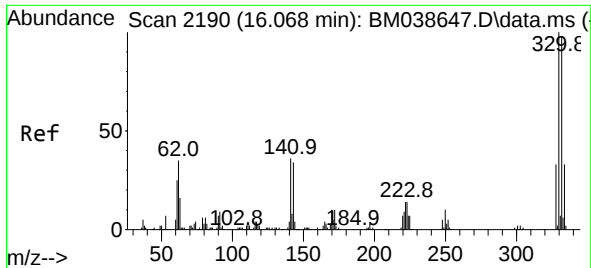
Ion Ratio Lower Upper

164 100

162 108.4 81.4 122.0

160 52.9 36.5 54.7

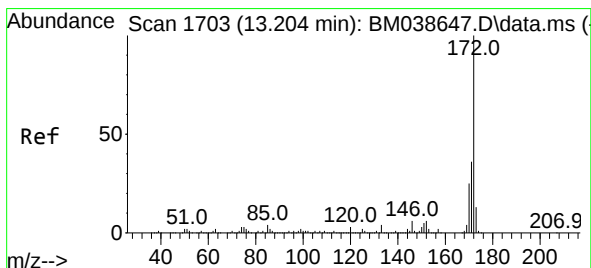
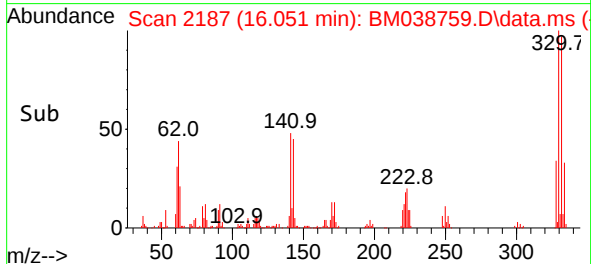
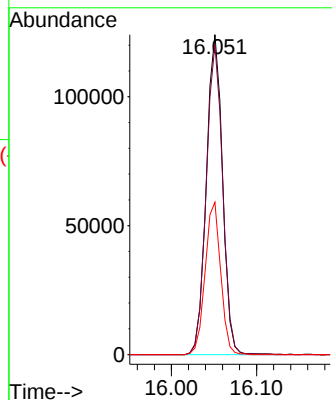
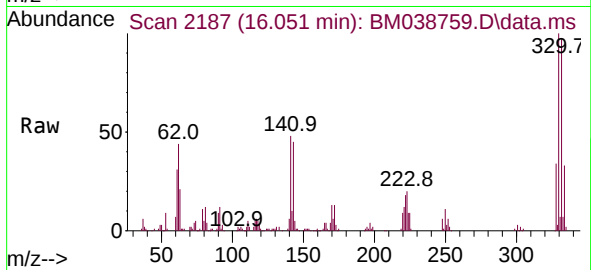




#42
2,4,6-Tribromophenol
Concen: 364.333 ng
RT: 16.051 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038759.D
Acq: 16 Feb 2023 16:13

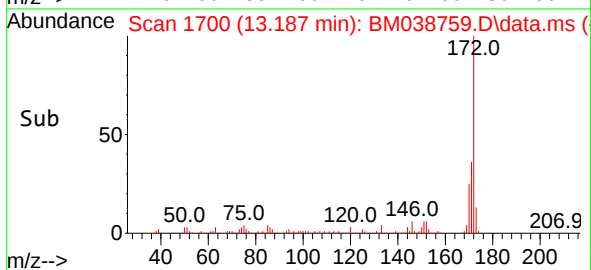
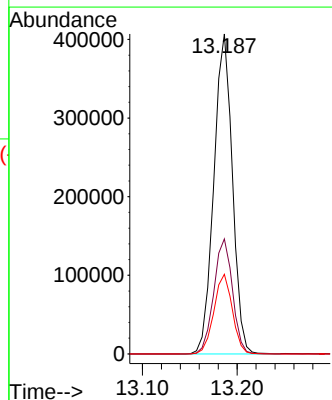
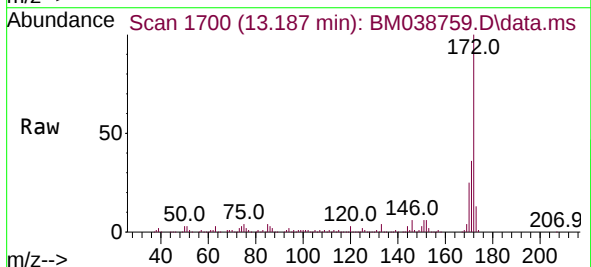
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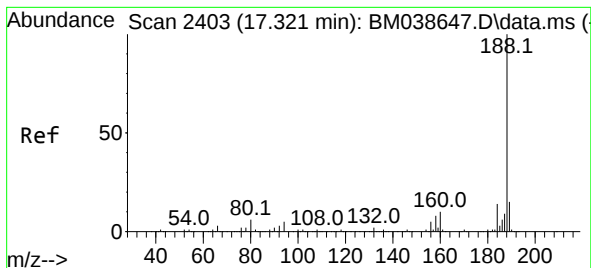
Tgt Ion:330 Resp: 163627
Ion Ratio Lower Upper
330 100
332 97.9 77.8 116.6
141 45.7 31.0 46.6



#45
2-Fluorobiphenyl
Concen: 213.222 ng
RT: 13.187 min Scan# 1700
Delta R.T. 0.000 min
Lab File: BM038759.D
Acq: 16 Feb 2023 16:13

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# 24

Delta R.T. 0.000 min

Lab File: BM038759.D

Acq: 16 Feb 2023 16:13

Instrument :

BNA_M

ClientSampleId :

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

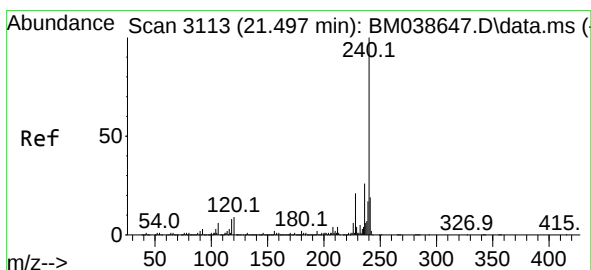
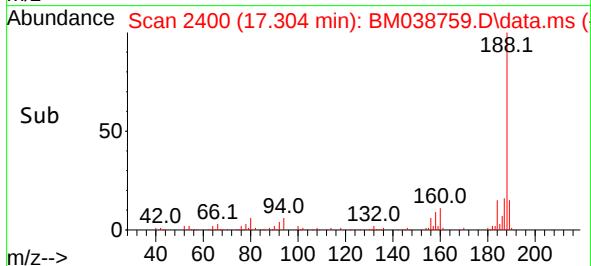
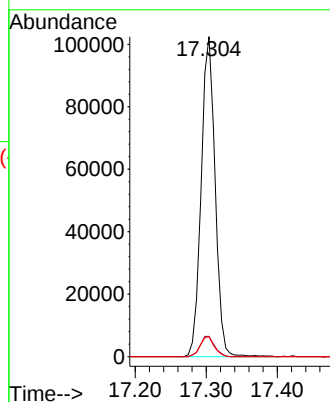
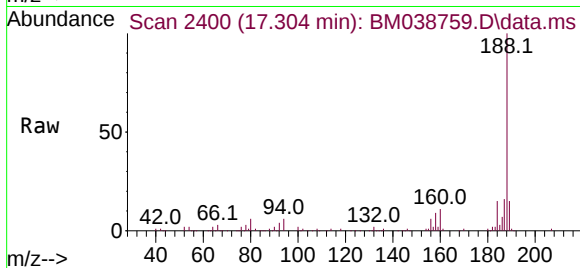
Tgt Ion:188 Resp: 138867

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# 3110

Delta R.T. -0.006 min

Lab File: BM038759.D

Acq: 16 Feb 2023 16:13

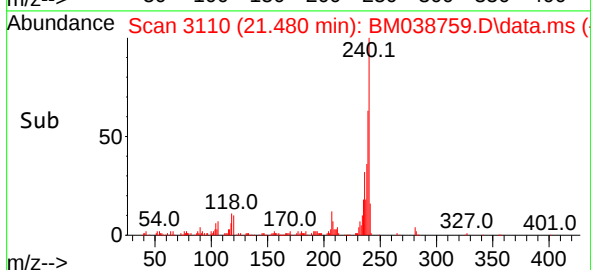
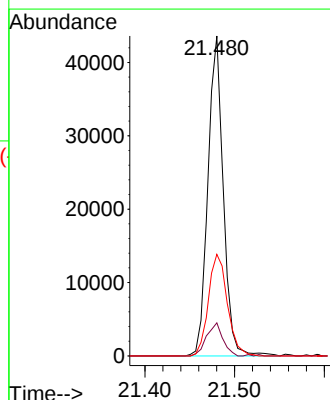
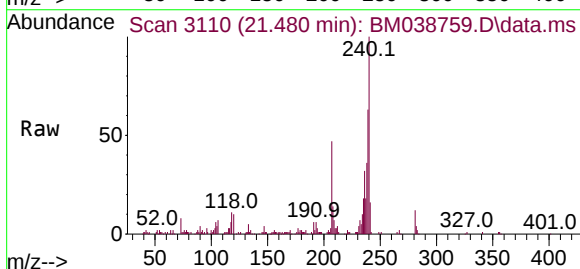
Tgt Ion:240 Resp: 52133

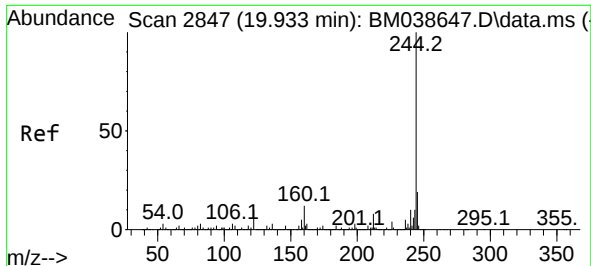
Ion Ratio Lower Upper

240 100

120 10.3 7.0 10.4

236 31.7 20.9 31.3#

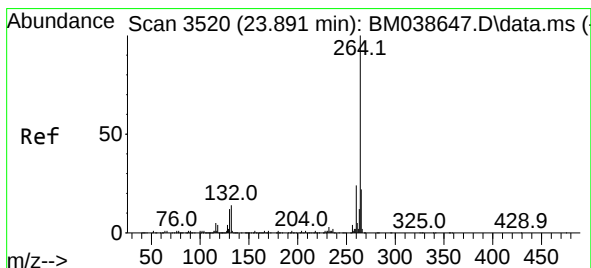
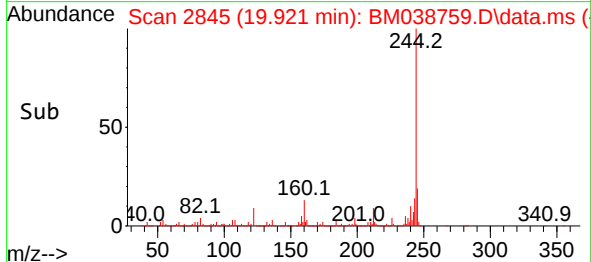
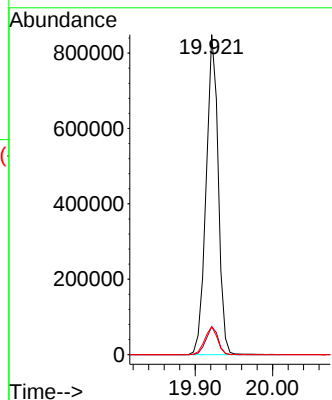
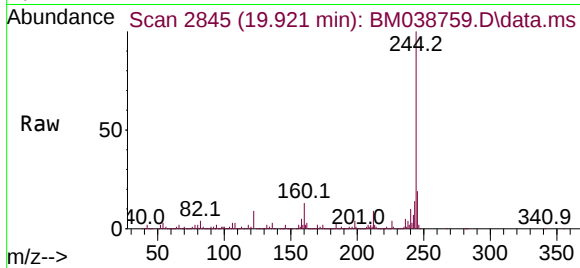




#79
 Terphenyl-d14
 Concen: 311.197 ng
 RT: 19.921 min Scan# 2845
 Delta R.T. 0.000 min
 Lab File: BM038759.D
 Acq: 16 Feb 2023 16:13

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

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



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.868 min Scan# 3516
 Delta R.T. 0.000 min
 Lab File: BM038759.D
 Acq: 16 Feb 2023 16:13

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#

