

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021523\
 Data File : BM038751.D
 Acq On : 15 Feb 2023 16:58
 Operator : CG/JU
 Sample : 01538-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TEST-PIT-5-(TP5)-COMP-5

Quant Time: Feb 16 02:17:42 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	7.892	152	59963	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	229392	20.000	ng	0.00
39) Acenaphthene-d10	14.533	164	155127	20.000	ng	-0.01
64) Phenanthrene-d10	17.280	188	323885	20.000	ng	# 0.00
76) Chrysene-d12	21.456	240	299551	20.000	ng	0.00
86) Perylene-d12	23.838	264	338880	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	343220	112.125	ng	0.00
7) Phenol-d6	7.069	99	418480	119.867	ng	-0.01
23) Nitrobenzene-d5	9.069	82	237315	58.762	ng	-0.01
42) 2,4,6-Tribromophenol	16.027	330	214291	101.631	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	703249	57.714	ng	0.00
79) Terphenyl-d14	19.903	244	1192621	70.258	ng	0.00

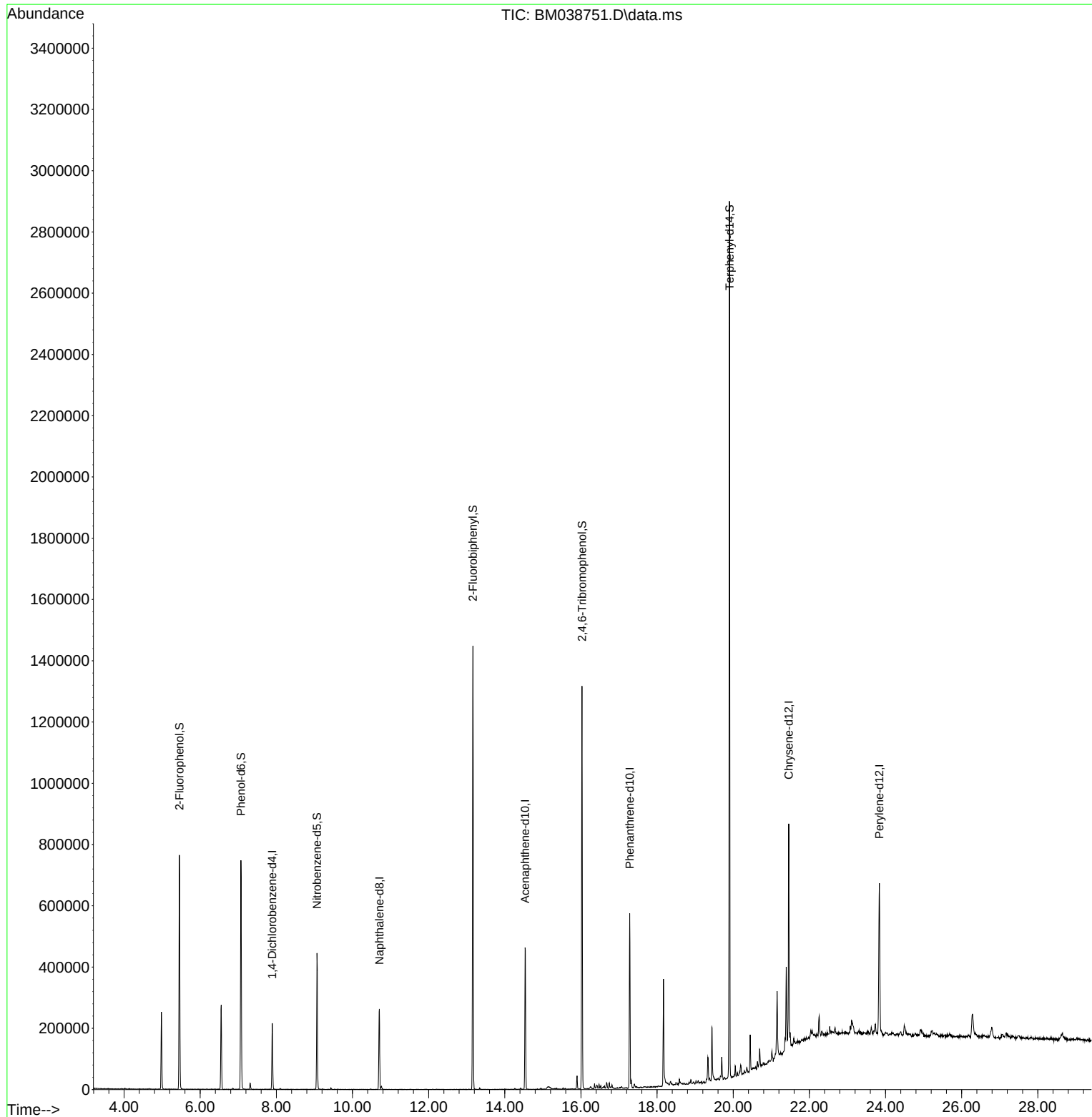
Target Compounds Qvalue

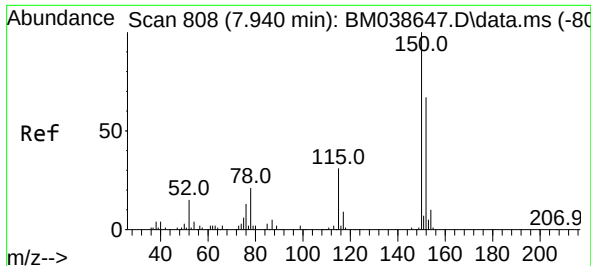
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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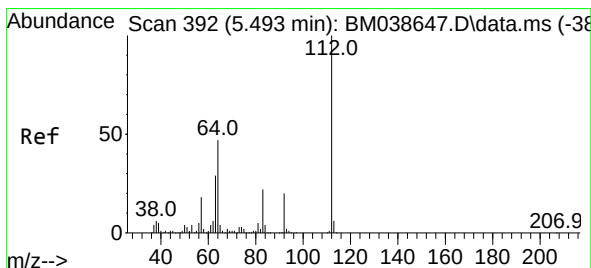
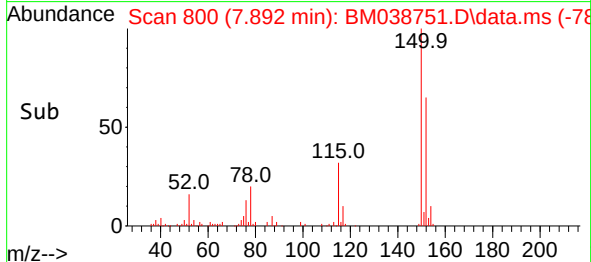
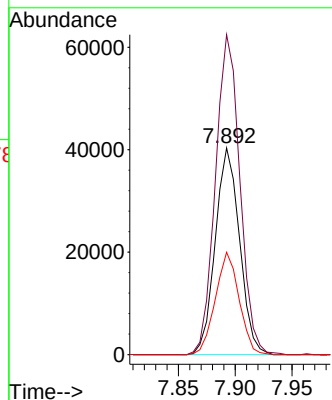
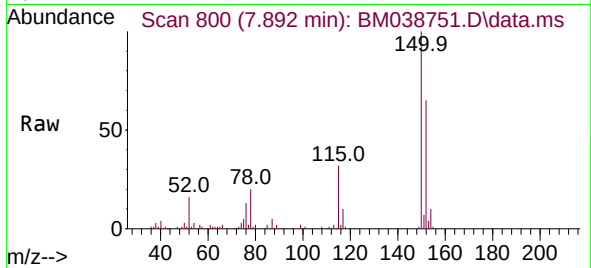




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.892 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM038751.D
Acq: 15 Feb 2023 16:58

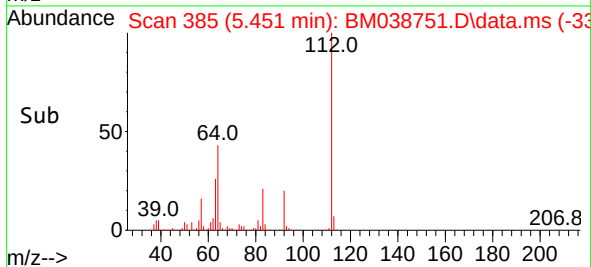
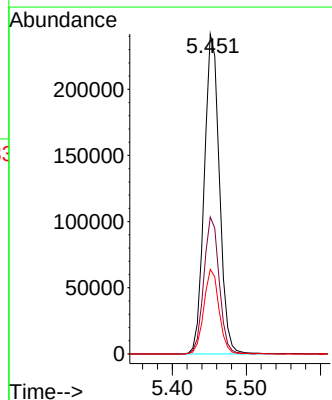
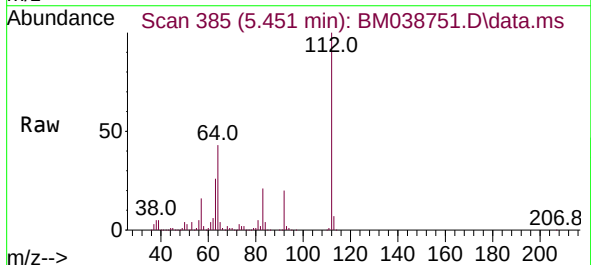
Instrument :
BNA_M
ClientSampleId :
TEST-PIT-5-(TP5)-COMP-5

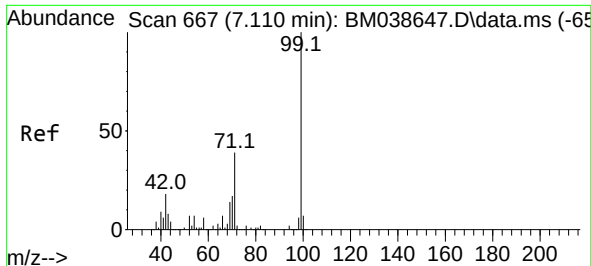
Tgt Ion:152 Resp: 59963
Ion Ratio Lower Upper
152 100
150 154.8 119.5 179.3
115 49.6 37.6 56.4



#5
2-Fluorophenol
Concen: 112.125 ng
RT: 5.451 min Scan# 385
Delta R.T. -0.006 min
Lab File: BM038751.D
Acq: 15 Feb 2023 16:58

Tgt Ion:112 Resp: 343220
Ion Ratio Lower Upper
112 100
64 42.8 37.9 56.9
63 26.4 23.3 34.9

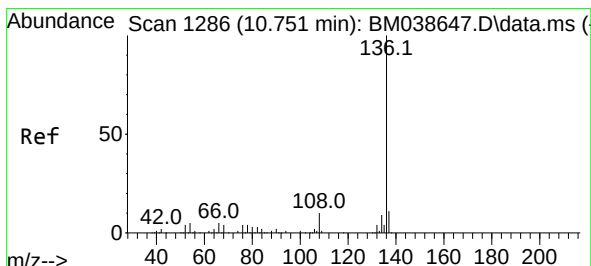
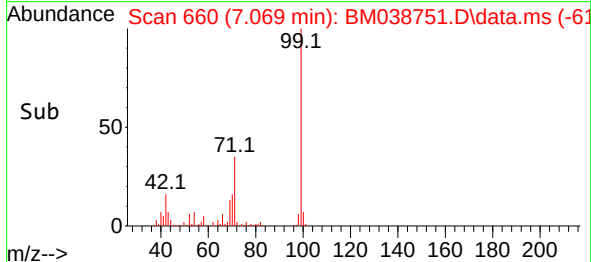
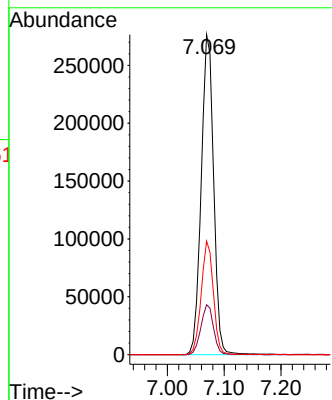
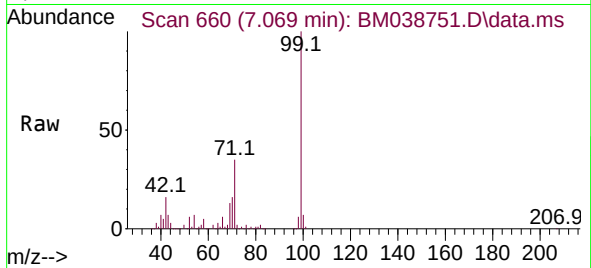




#7
Phenol-d6
Concen: 119.867 ng
RT: 7.069 min Scan# 60
Delta R.T. -0.012 min
Lab File: BM038751.D
Acq: 15 Feb 2023 16:58

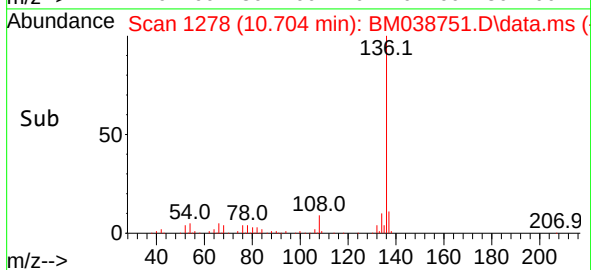
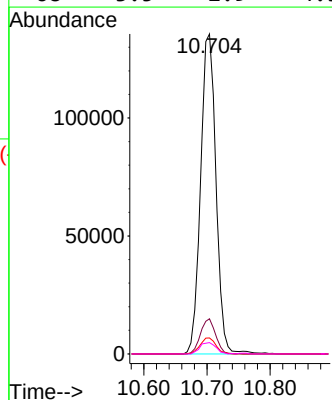
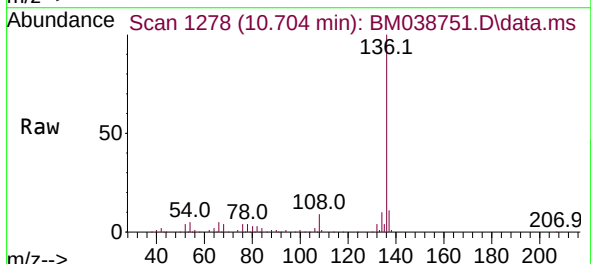
Instrument :
BNA_M
ClientSampleId :
TEST-PIT-5-(TP5)-COMP-5

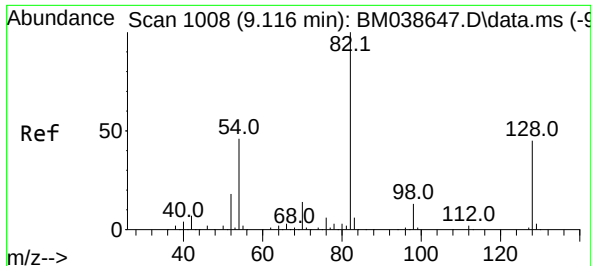
Tgt Ion: 99 Resp: 418480
Ion Ratio Lower Upper
99 100
42 15.6 14.6 22.0
71 35.5 31.0 46.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BM038751.D
Acq: 15 Feb 2023 16:58

Tgt Ion:136 Resp: 229392
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 5.0 4.2 6.4
68 3.5 2.9 4.3





#23

Nitrobenzene-d5

Concen: 58.762 ng

RT: 9.069 min Scan# 10

Delta R.T. -0.012 min

Lab File: BM038751.D

Acq: 15 Feb 2023 16:58

Instrument :

BNA_M

ClientSampleId :

TEST-PIT-5-(TP5)-COMP-5

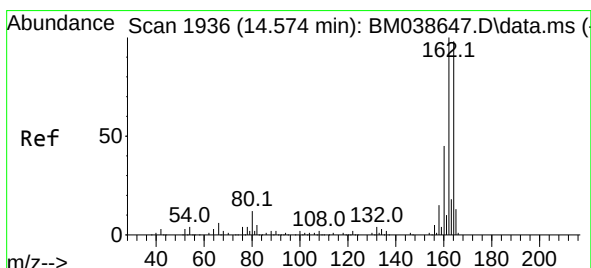
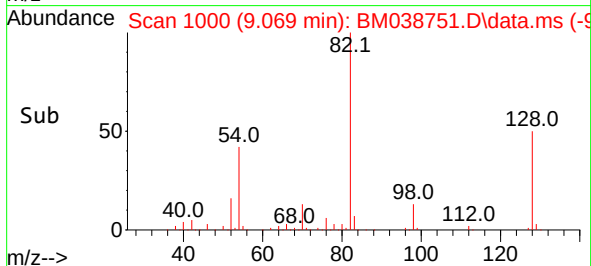
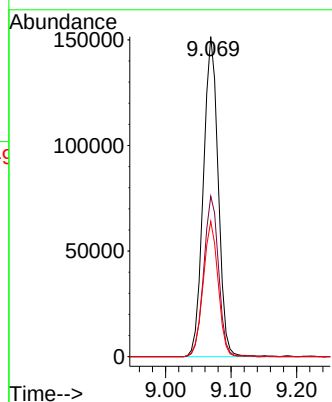
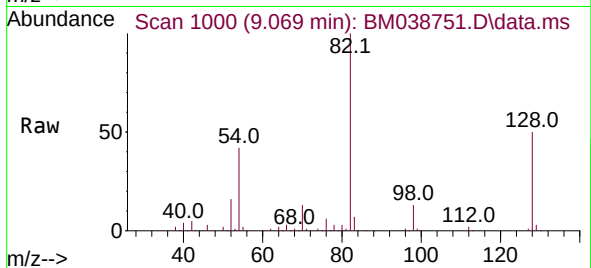
Tgt Ion: 82 Resp: 237315

Ion Ratio Lower Upper

82 100

128 50.1 36.0 54.0

54 42.3 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.533 min Scan# 1929

Delta R.T. -0.012 min

Lab File: BM038751.D

Acq: 15 Feb 2023 16:58

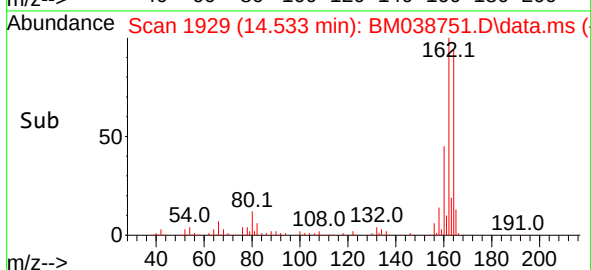
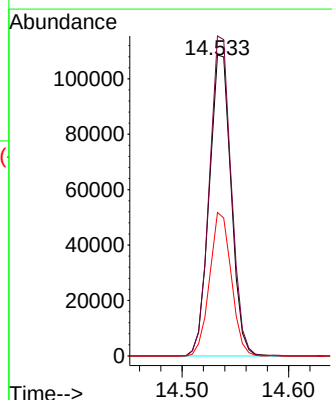
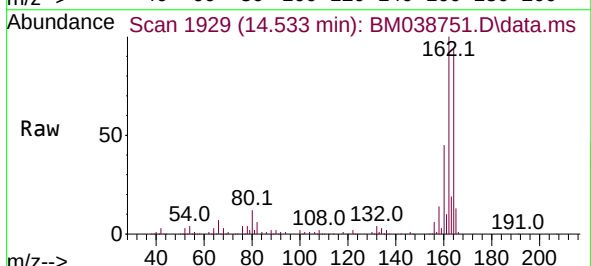
Tgt Ion:164 Resp: 155127

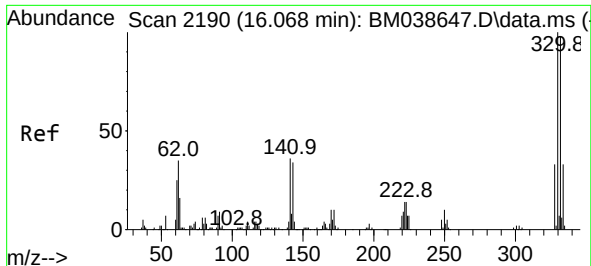
Ion Ratio Lower Upper

164 100

162 106.3 81.4 122.0

160 47.6 36.5 54.7

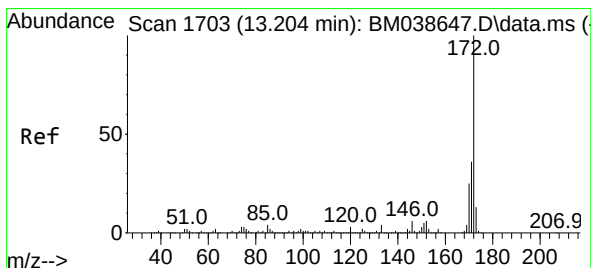
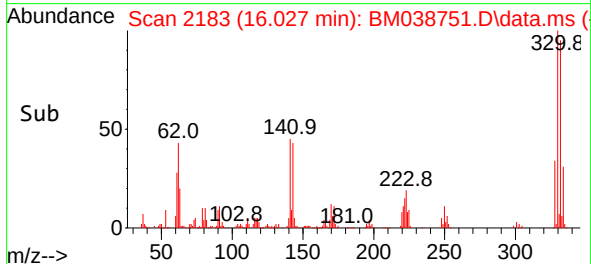
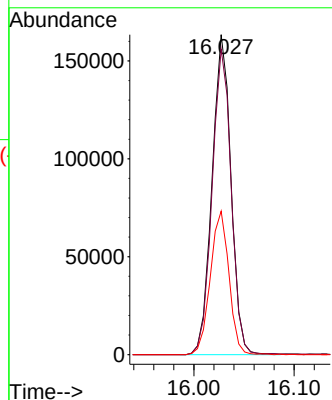
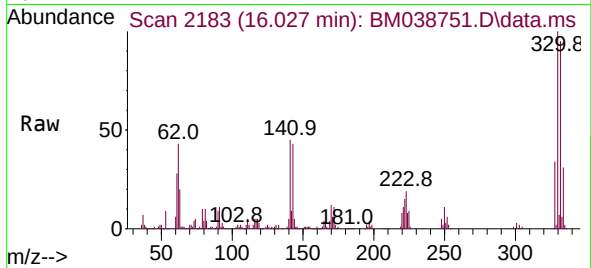




#42
2,4,6-Tribromophenol
Concen: 101.631 ng
RT: 16.027 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM038751.D
Acq: 15 Feb 2023 16:58

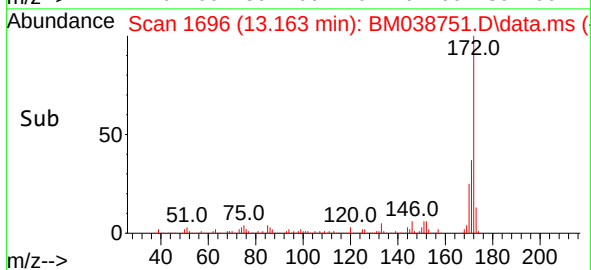
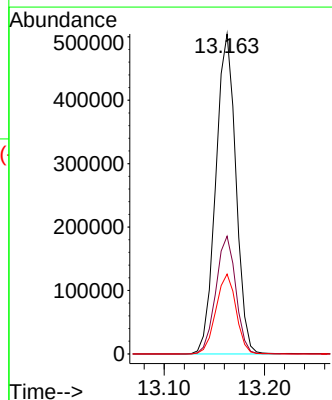
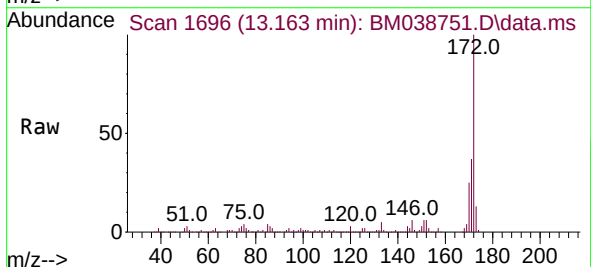
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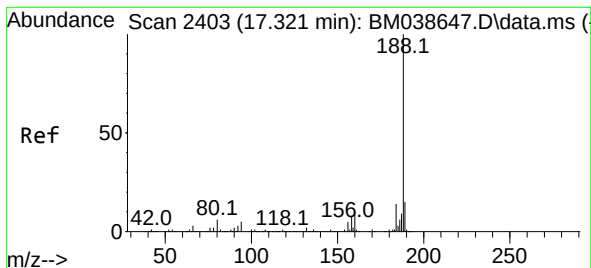
Tgt Ion:330 Resp: 214291
Ion Ratio Lower Upper
330 100
332 96.2 77.8 116.6
141 44.1 31.0 46.6



#45
2-Fluorobiphenyl
Concen: 57.714 ng
RT: 13.163 min Scan# 1696
Delta R.T. -0.006 min
Lab File: BM038751.D
Acq: 15 Feb 2023 16:58

Tgt Ion:172 Resp: 703249
Ion Ratio Lower Upper
172 100
171 36.8 28.7 43.1
170 24.9 20.0 30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.280 min Scan# 2396

Delta R.T. -0.006 min

Lab File: BM038751.D

Acq: 15 Feb 2023 16:58

Instrument :

BNA_M

ClientSampleId :

TEST-PIT-5-(TP5)-COMP-5

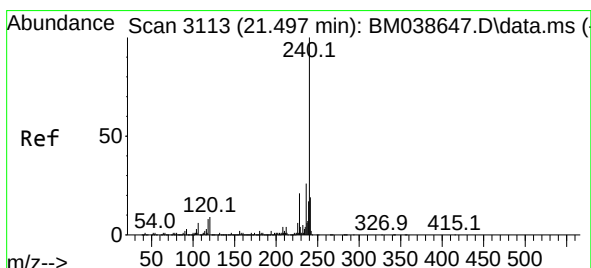
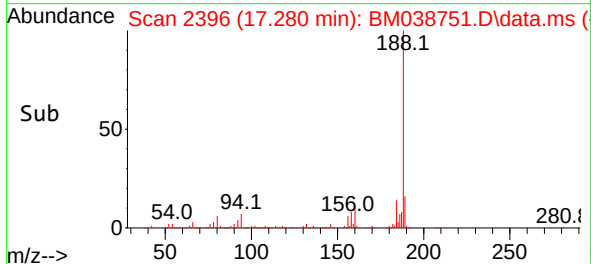
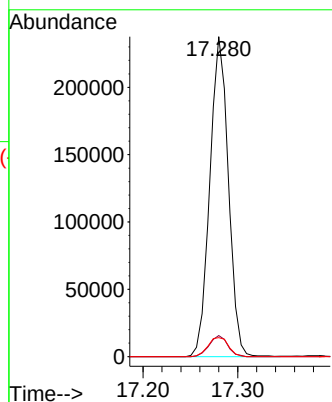
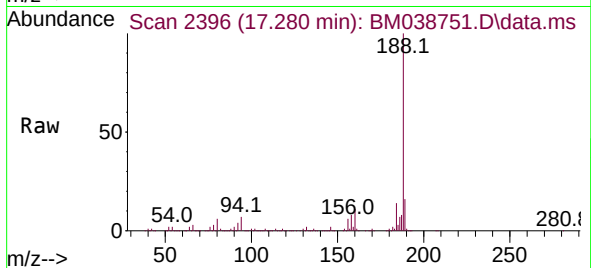
Tgt Ion:188 Resp: 323885

Ion Ratio Lower Upper

188 100

94 6.6 4.2 6.4#

80 5.9 4.6 7.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.456 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BM038751.D

Acq: 15 Feb 2023 16:58

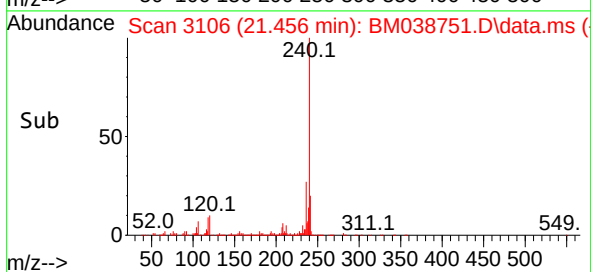
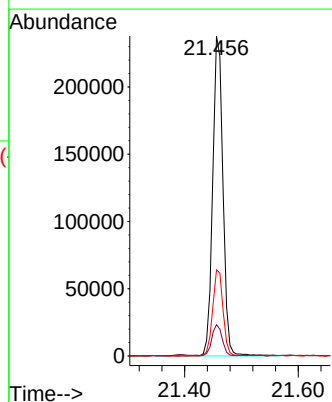
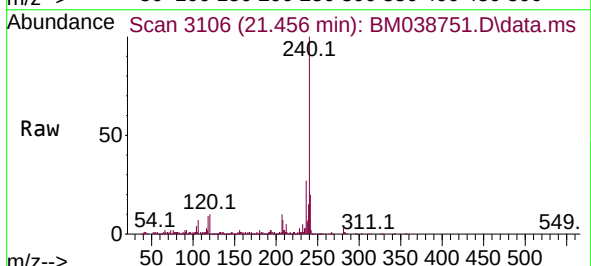
Tgt Ion:240 Resp: 299551

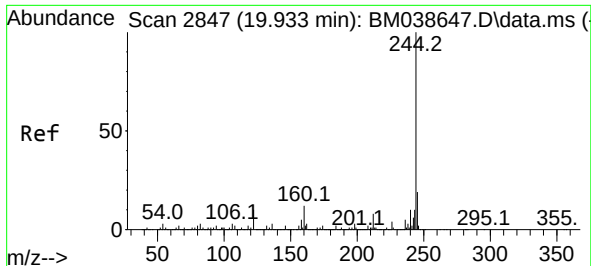
Ion Ratio Lower Upper

240 100

120 9.7 7.0 10.4

236 26.9 20.9 31.3

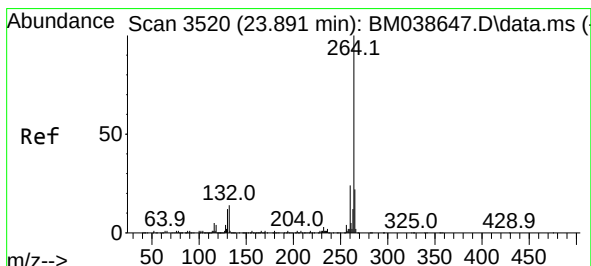
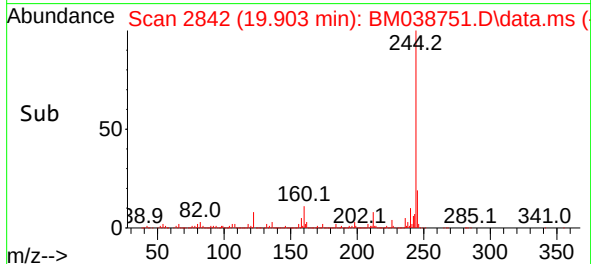
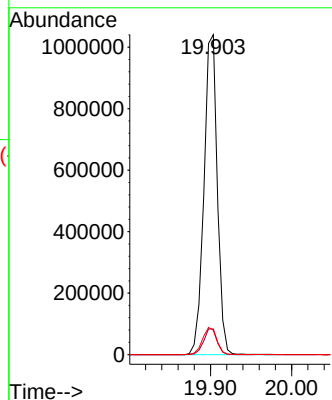
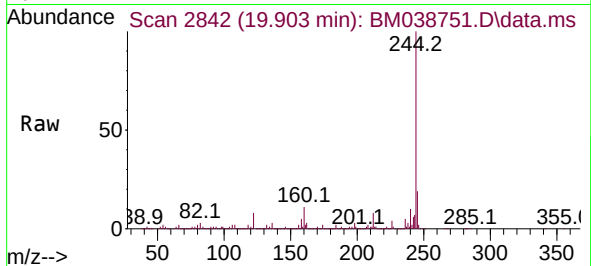




#79
 Terphenyl-d14
 Concen: 70.258 ng
 RT: 19.903 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM038751.D
 Acq: 15 Feb 2023 16:58

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 1192621
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.6 9.8
 122 7.6 7.8 11.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.838 min Scan# 3511
 Delta R.T. 0.000 min
 Lab File: BM038751.D
 Acq: 15 Feb 2023 16:58

Tgt Ion:264 Resp: 338880
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.6 29.4
 265 21.3 17.9 26.9

