

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021623\
 Data File : BM038761.D
 Acq On : 16 Feb 2023 17:30
 Operator : CG/JU
 Sample : 01538-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Feb 17 06:34:06 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	7.916	152	39105	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	137241	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	87423	20.000	ng	0.00
64) Phenanthrene-d10	17.303	188	199876	20.000	ng	# 0.00
76) Chrysene-d12	21.480	240	195043	20.000	ng	0.00
86) Perylene-d12	23.862	264	40736	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	349420	175.037	ng	0.00
7) Phenol-d6	7.092	99	384121	168.712	ng	0.00
23) Nitrobenzene-d5	9.092	82	232442	96.202	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	217980	183.443	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	717879	104.541	ng	0.00
79) Terphenyl-d14	19.921	244	1462823	132.350	ng	0.00

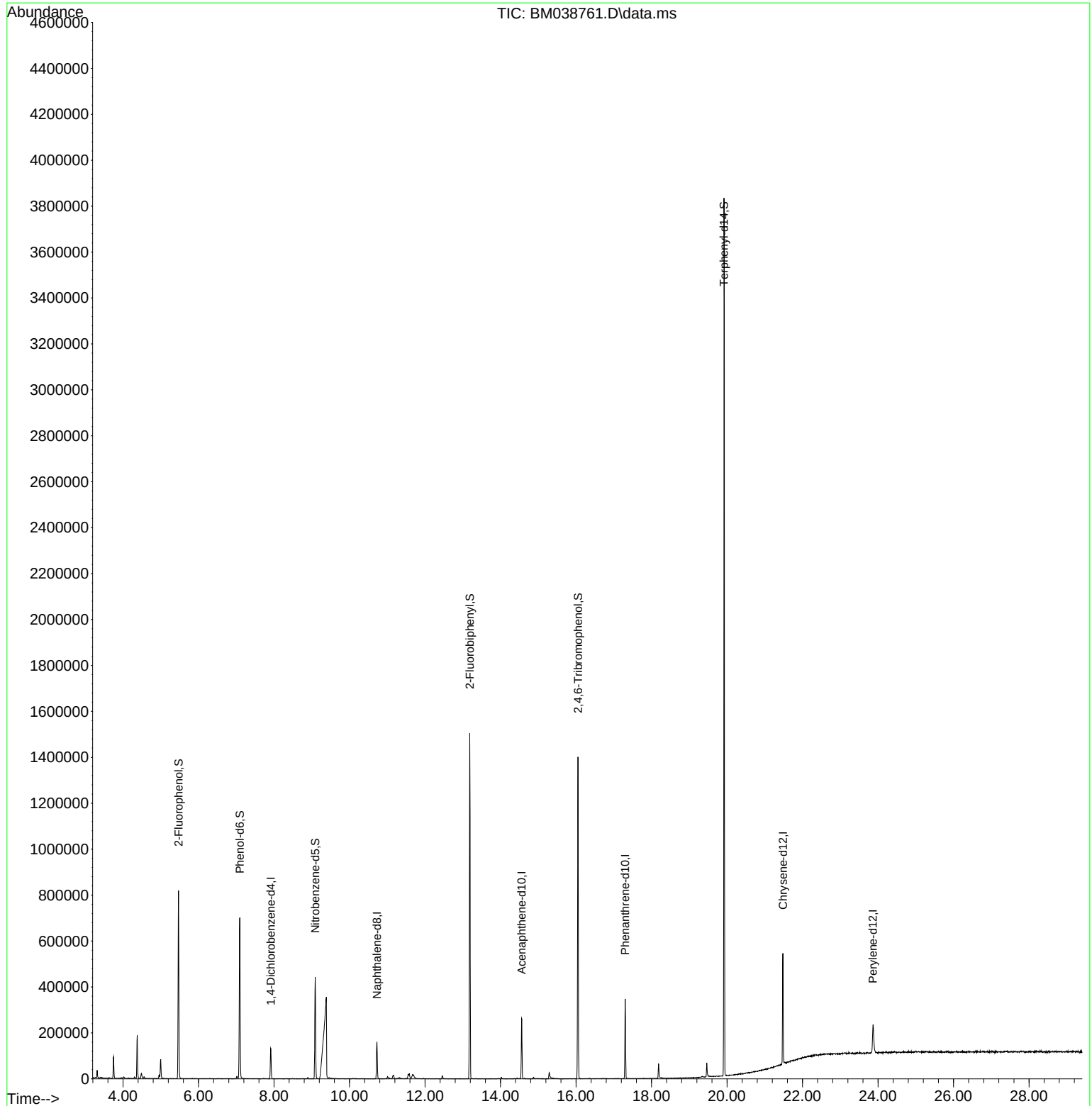
Target Compounds	Qvalue

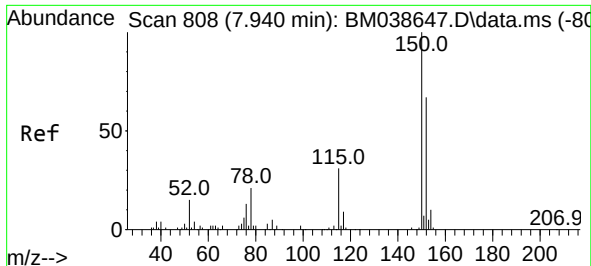
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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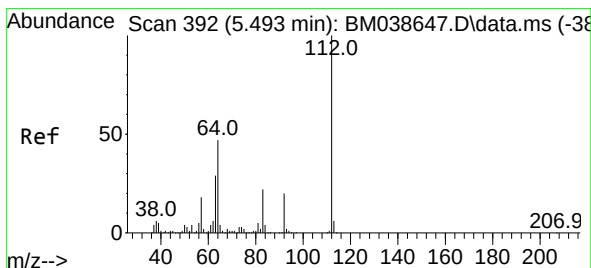
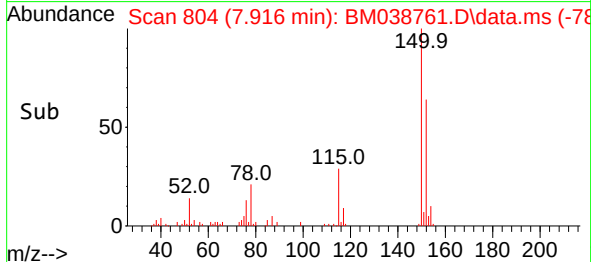
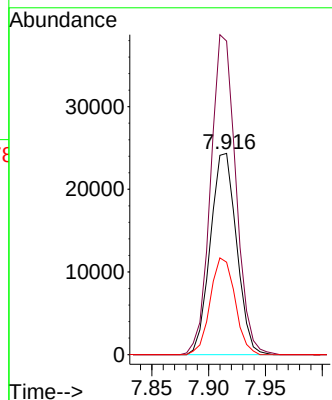
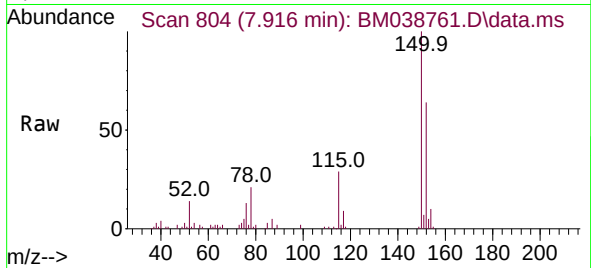




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.916 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM038761.D
Acq: 16 Feb 2023 17:30

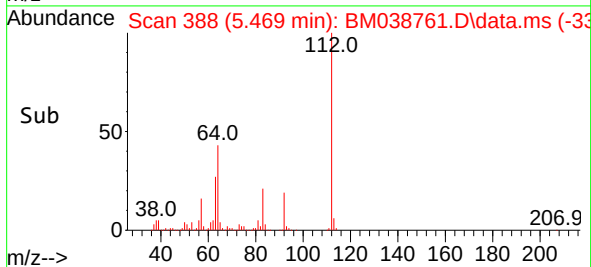
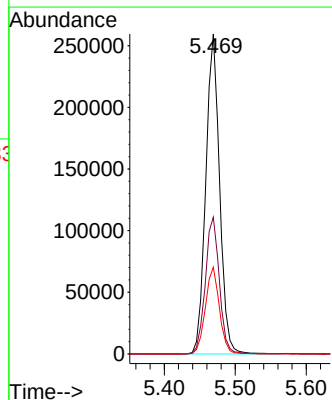
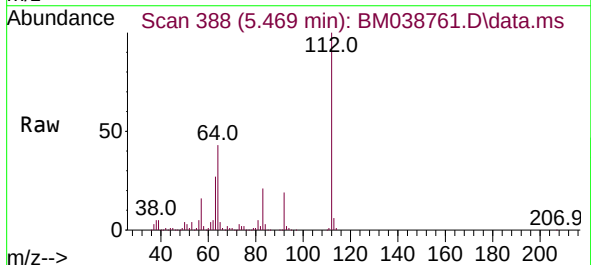
Instrument :
BNA_M
ClientSampleId :
TEST-PIT-5-(TP5)-COMP-5

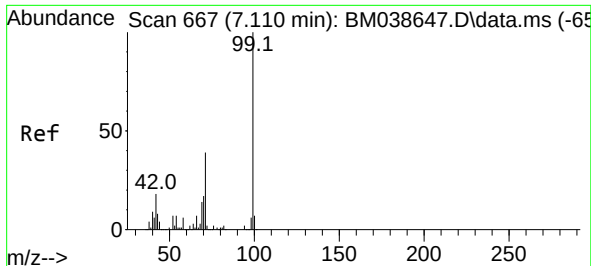
Tgt Ion:152 Resp: 39105
Ion Ratio Lower Upper
152 100
150 155.8 119.5 179.3
115 46.0 37.6 56.4



#5
2-Fluorophenol
Concen: 175.037 ng
RT: 5.469 min Scan# 388
Delta R.T. 0.006 min
Lab File: BM038761.D
Acq: 16 Feb 2023 17:30

Tgt Ion:112 Resp: 349420
Ion Ratio Lower Upper
112 100
64 42.7 37.9 56.9
63 27.1 23.3 34.9

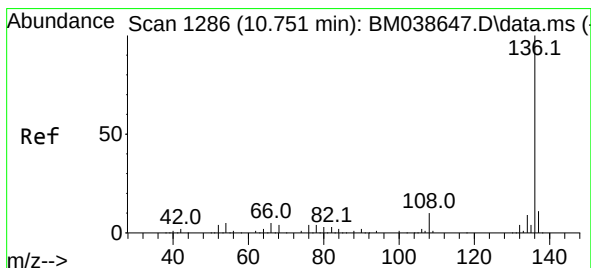
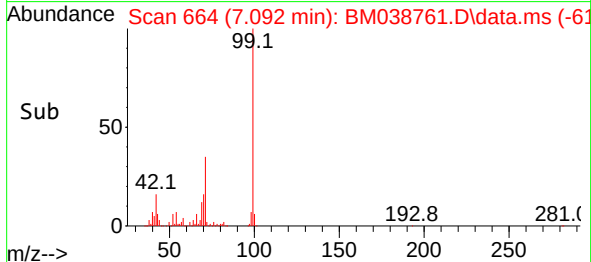
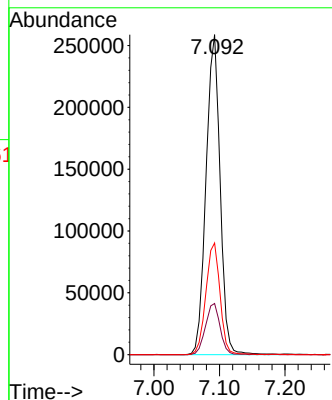
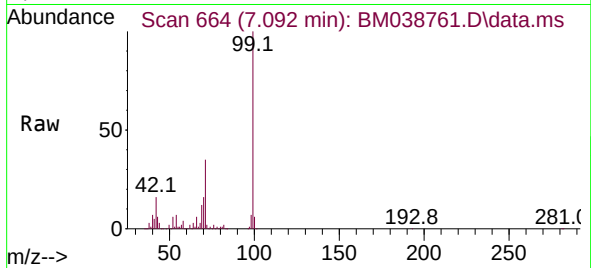




#7
Phenol-d6
Concen: 168.712 ng
RT: 7.092 min Scan# 60
Delta R.T. 0.006 min
Lab File: BM038761.D
Acq: 16 Feb 2023 17:30

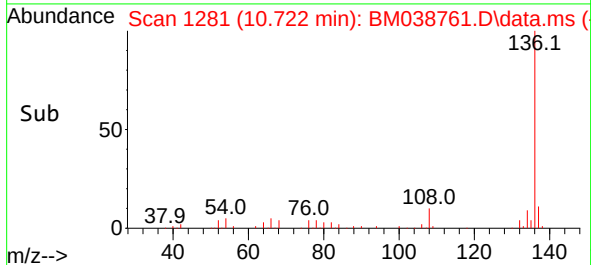
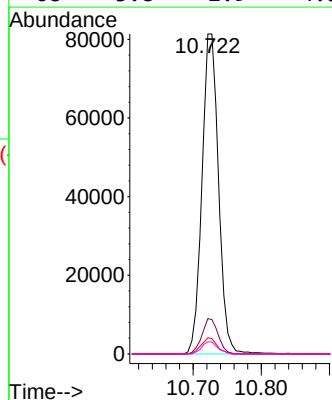
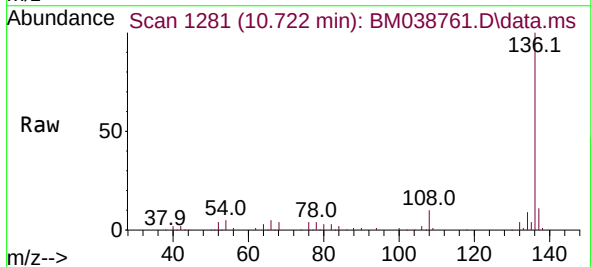
Instrument :
BNA_M
ClientSampleId :
TEST-PIT-5-(TP5)-COMP-5

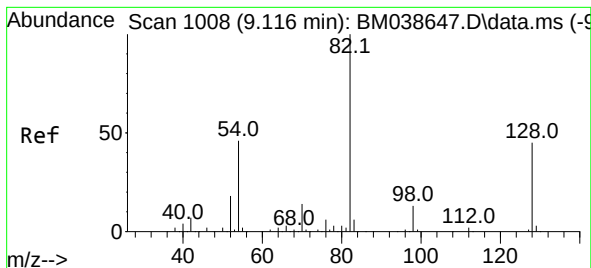
Tgt Ion:	99	Resp:	384121
Ion	Ratio	Lower	Upper
99	100		
42	16.0	14.6	22.0
71	34.9	31.0	46.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BM038761.D
Acq: 16 Feb 2023 17:30

Tgt Ion:	136	Resp:	137241
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	5.0	4.2	6.4
68	3.8	2.9	4.3





#23

Nitrobenzene-d5

Concen: 96.202 ng

RT: 9.092 min Scan# 1004

Delta R.T. -0.000 min

Lab File: BM038761.D

Acq: 16 Feb 2023 17:30

Instrument :

BNA_M

ClientSampleId :

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

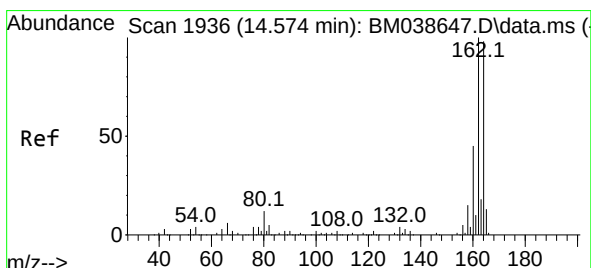
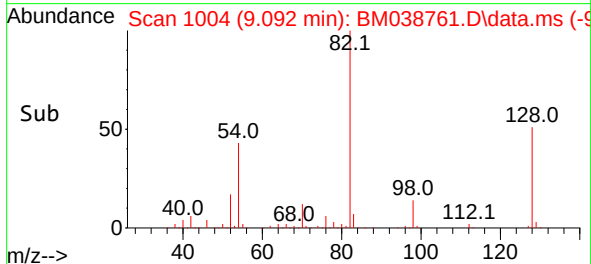
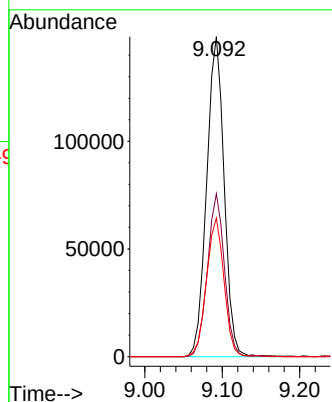
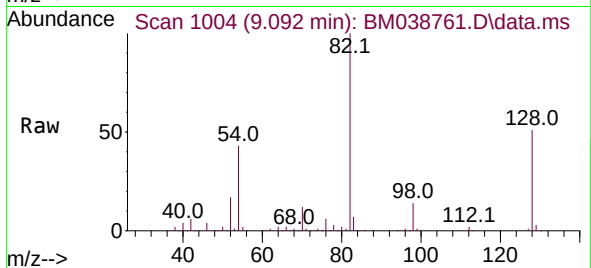
Tgt Ion: 82 Resp: 232442

Ion Ratio Lower Upper

82 100

128 50.9 36.0 54.0

54 43.3 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.557 min Scan# 1933

Delta R.T. -0.006 min

Lab File: BM038761.D

Acq: 16 Feb 2023 17:30

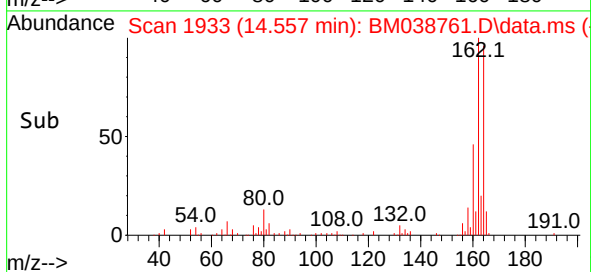
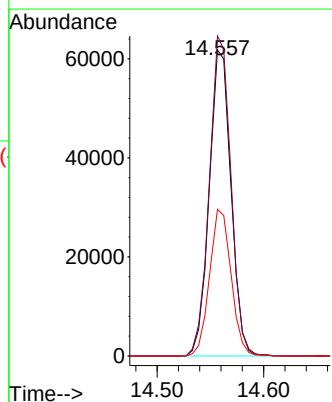
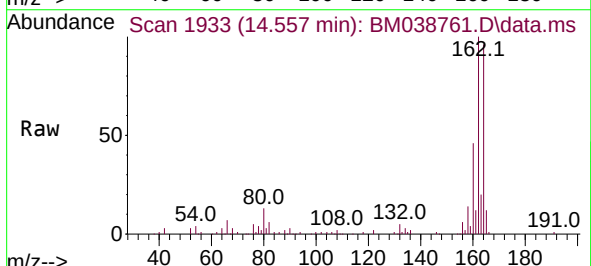
Tgt Ion: 164 Resp: 87423

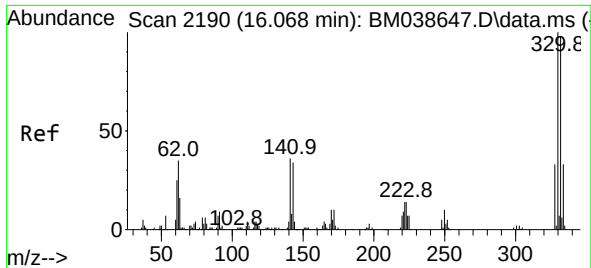
Ion Ratio Lower Upper

164 100

162 104.6 81.4 122.0

160 47.9 36.5 54.7

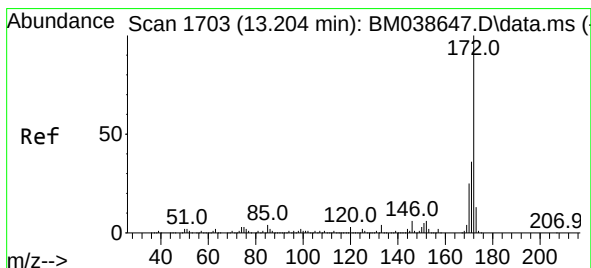
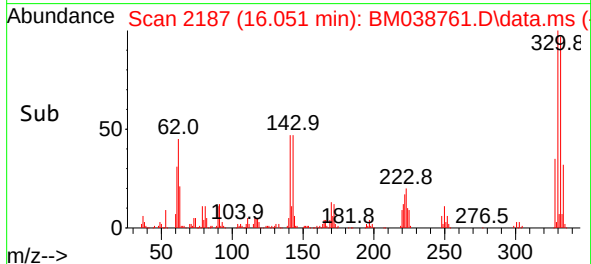
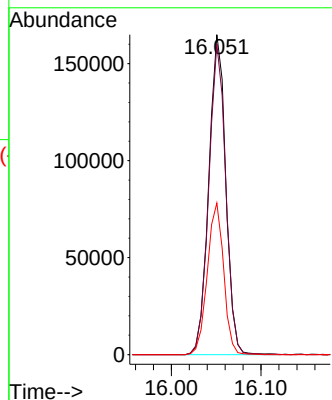
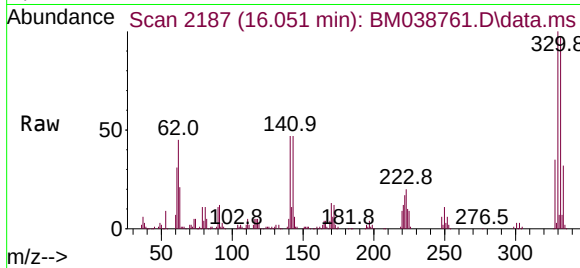




#42
 2,4,6-Tribromophenol
 Concen: 183.443 ng
 RT: 16.051 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM038761.D
 Acq: 16 Feb 2023 17:30

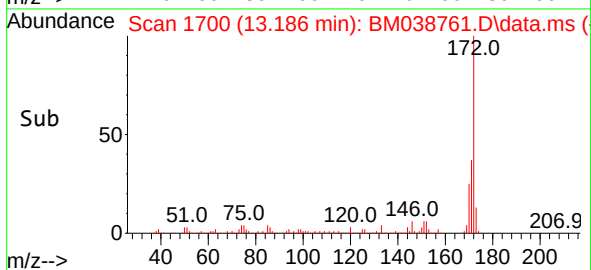
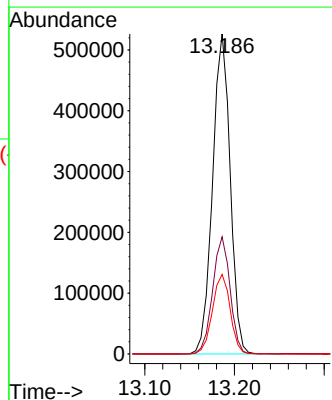
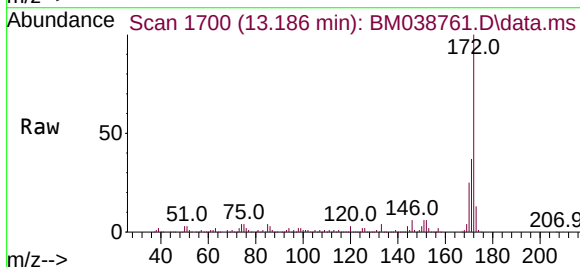
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 BNA_M
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 TEST-PIT-5-(TP5)-COMP-5

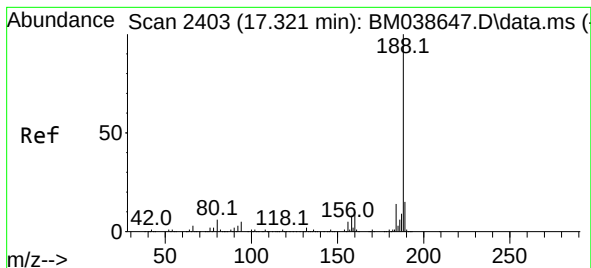
Tgt Ion:330 Resp: 217980
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.8 116.6
 141 45.5 31.0 46.6



#45
 2-Fluorobiphenyl
 Concen: 104.541 ng
 RT: 13.186 min Scan# 1700
 Delta R.T. -0.000 min
 Lab File: BM038761.D
 Acq: 16 Feb 2023 17:30

Tgt Ion:172 Resp: 717879
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.7 43.1
 170 24.8 20.0 30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.303 min Scan# 2400

Delta R.T. -0.000 min

Lab File: BM038761.D

Acq: 16 Feb 2023 17:30

Instrument :

BNA_M

ClientSampleId :

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

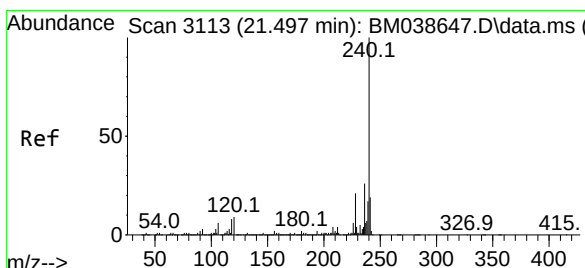
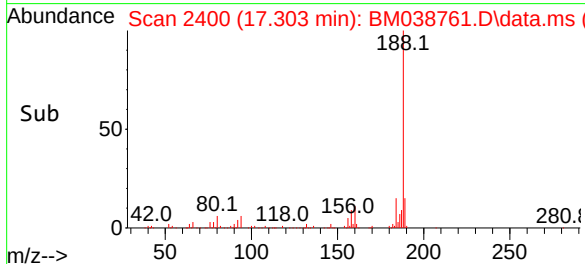
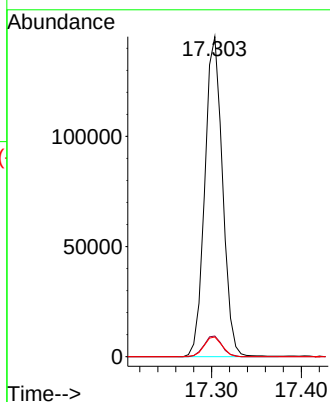
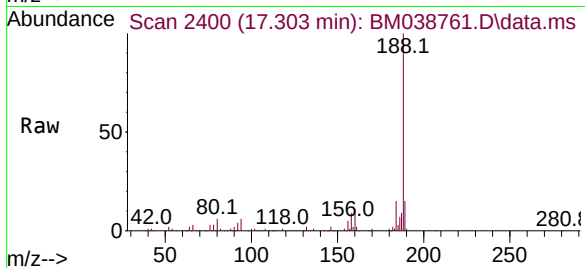
Tgt Ion:188 Resp: 199876

Ion Ratio Lower Upper

188 100

94 6.4 4.2 6.4#

80 6.1 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: BM038761.D

Acq: 16 Feb 2023 17:30

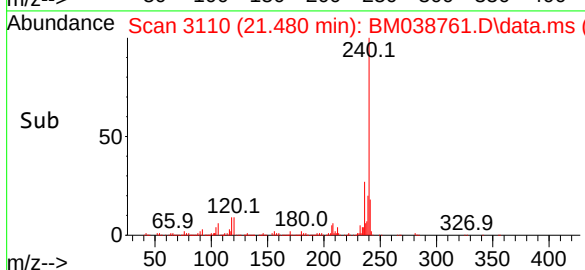
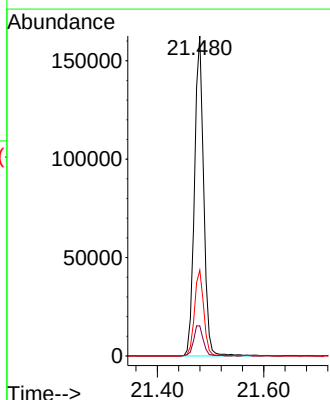
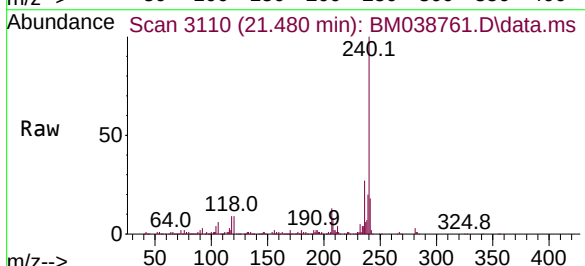
Tgt Ion:240 Resp: 195043

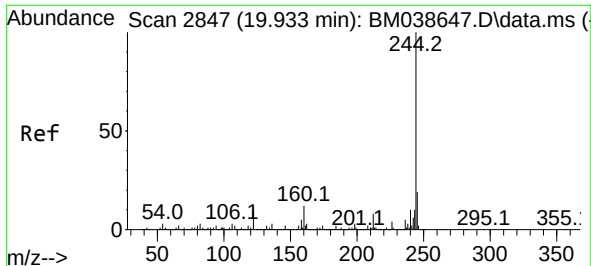
Ion Ratio Lower Upper

240 100

120 9.4 7.0 10.4

236 26.8 20.9 31.3

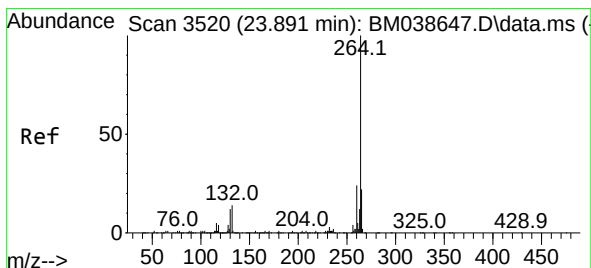
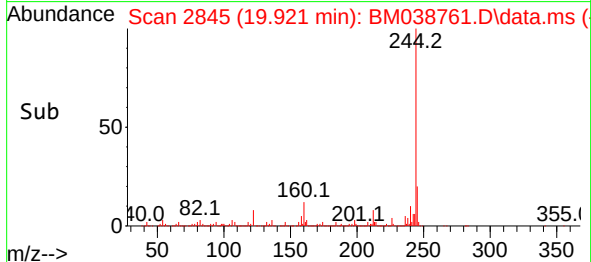
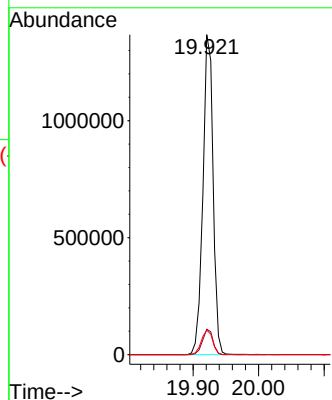
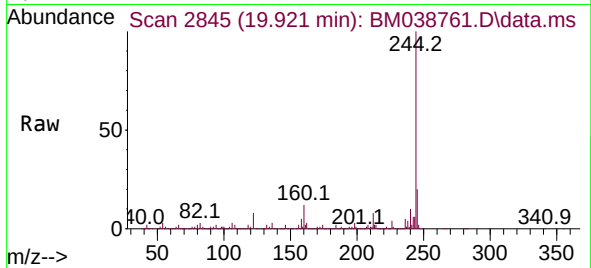




#79
Terphenyl-d14
Concen: 132.350 ng
RT: 19.921 min Scan# 2845
Delta R.T. -0.000 min
Lab File: BM038761.D
Acq: 16 Feb 2023 17:30

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

Tgt Ion:244 Resp: 1462823
Ion Ratio Lower Upper
244 100
212 7.9 6.6 9.8
122 7.6 7.8 11.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.862 min Scan# 3515
Delta R.T. -0.006 min
Lab File: BM038761.D
Acq: 16 Feb 2023 17:30

Tgt Ion:264 Resp: 40736
Ion Ratio Lower Upper
264 100
260 37.5 19.6 29.4#
265 24.9 17.9 26.9

