

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021623\
 Data File : BM038760.D
 Acq On : 16 Feb 2023 16:51
 Operator : CG/JU
 Sample : 01538-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TEST-PIT-10-(TP10)-COMP-4

Quant Time: Feb 16 17:31:57 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	27424	20.000	ng	0.01
21) Naphthalene-d8	10.727	136	94401	20.000	ng	0.02
39) Acenaphthene-d10	14.557	164	65311	20.000	ng	0.01
64) Phenanthrene-d10	17.303	188	148161	20.000	ng	0.02
76) Chrysene-d12	21.480	240	156933	20.000	ng	0.02
86) Perylene-d12	23.862	264	229232	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	265413	189.586	ng	0.01
7) Phenol-d6	7.092	99	287824	180.263	ng	0.01
23) Nitrobenzene-d5	9.092	82	177950	107.071	ng	0.01
42) 2,4,6-Tribromophenol	16.051	330	166838	187.940	ng	0.02
45) 2-Fluorobiphenyl	13.186	172	517522	100.880	ng	0.02
79) Terphenyl-d14	19.921	244	1140578	128.255	ng	0.02

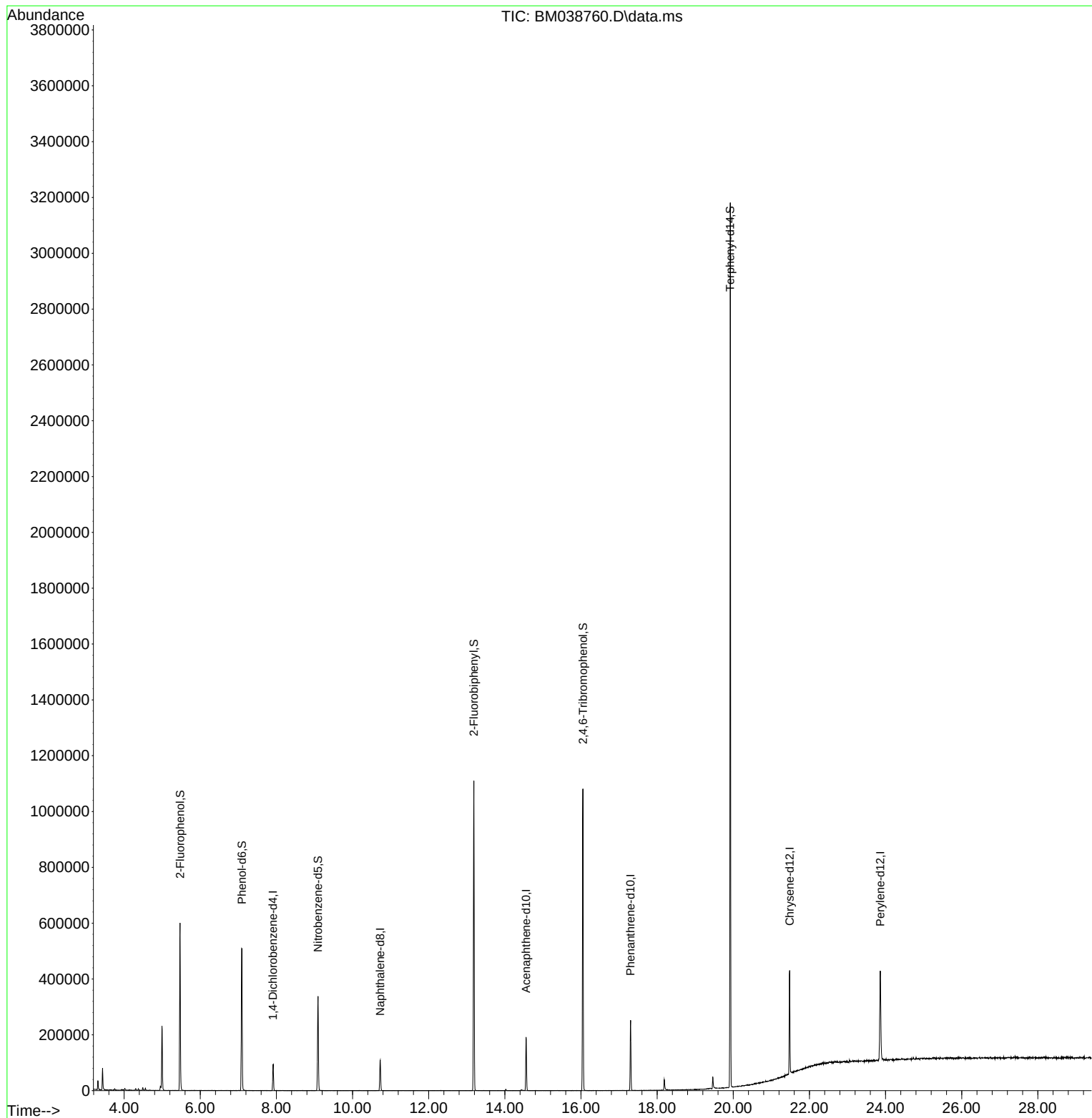
Target Compounds	Qvalue

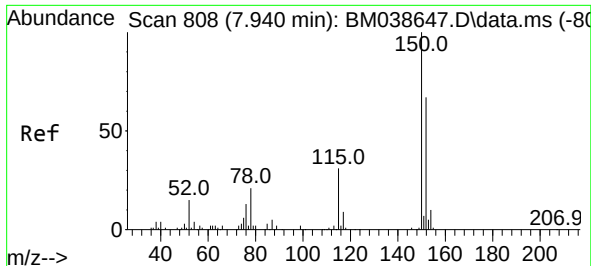
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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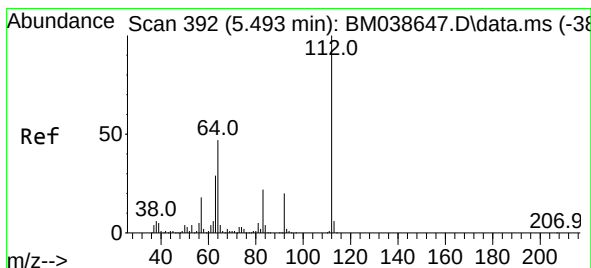
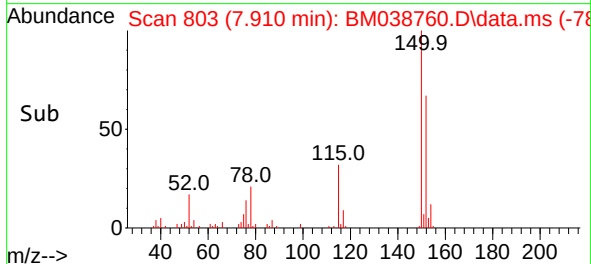
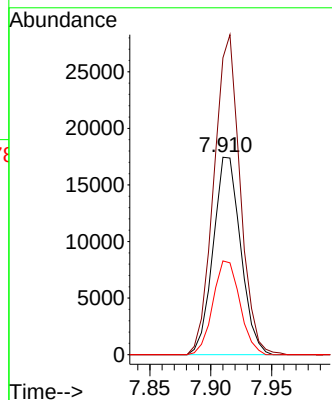
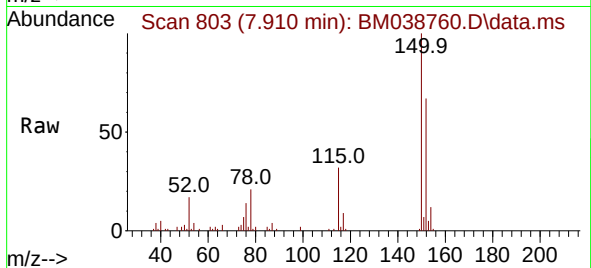




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 808
Delta R.T. 0.012 min
Lab File: BM038760.D
Acq: 16 Feb 2023 16:51

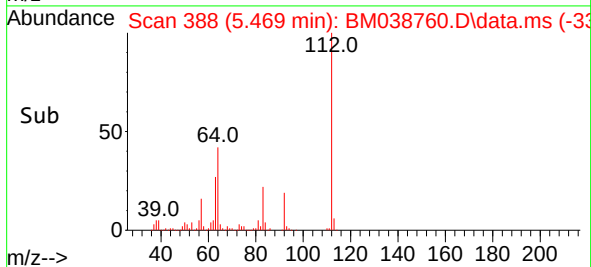
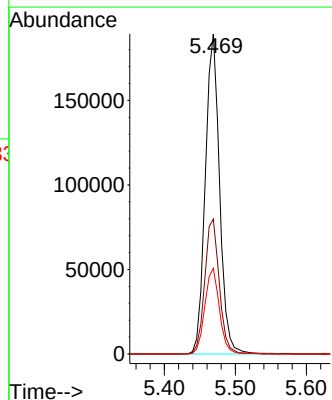
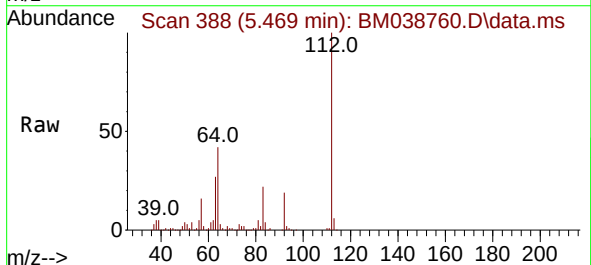
Instrument :
BNA_M
ClientSampleId :
TEST-PIT-10-(TP10)-COMP-4

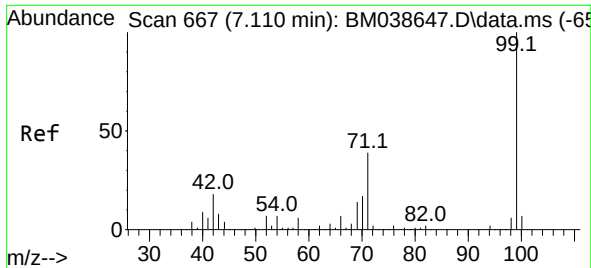
Tgt Ion:152 Resp: 27424
Ion Ratio Lower Upper
152 100
150 150.2 119.5 179.3
115 47.4 37.6 56.4



#5
2-Fluorophenol
Concen: 189.586 ng
RT: 5.469 min Scan# 388
Delta R.T. 0.012 min
Lab File: BM038760.D
Acq: 16 Feb 2023 16:51

Tgt Ion:112 Resp: 265413
Ion Ratio Lower Upper
112 100
64 42.2 37.9 56.9
63 26.8 23.3 34.9

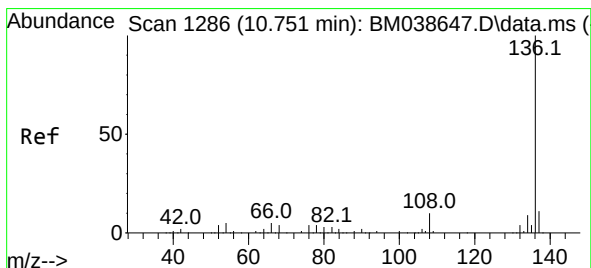
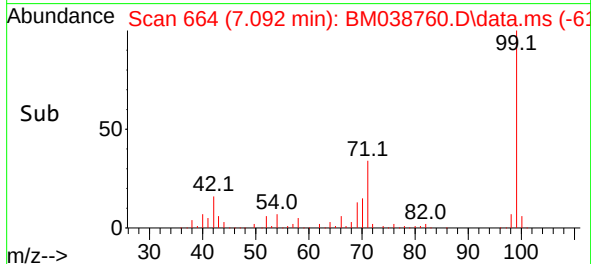
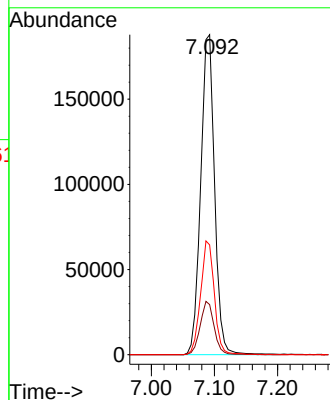
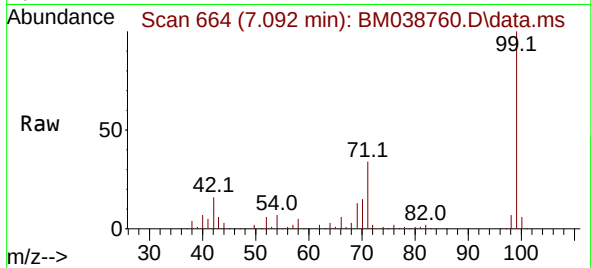




#7
Phenol-d6
Concen: 180.263 ng
RT: 7.092 min Scan# 61
Delta R.T. 0.012 min
Lab File: BM038760.D
Acq: 16 Feb 2023 16:51

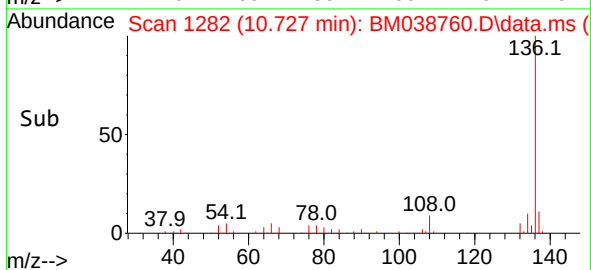
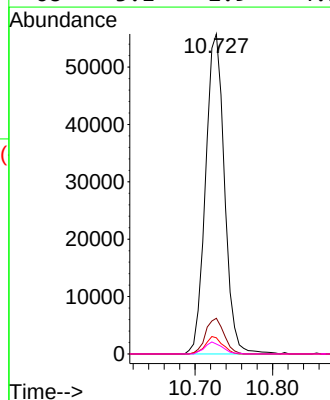
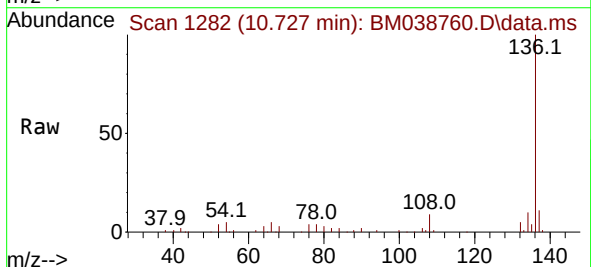
Instrument :
BNA_M
ClientSampleId :
TEST-PIT-10-(TP10)-COMP-4

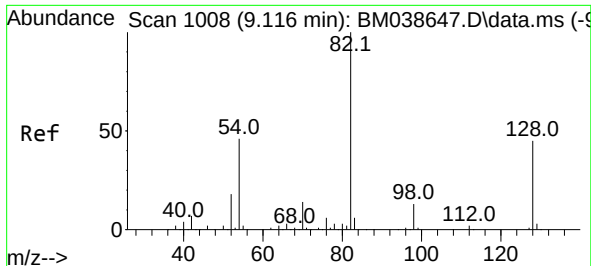
Tgt Ion: 99 Resp: 287824
Ion Ratio Lower Upper
99 100
42 15.6 14.6 22.0
71 34.3 31.0 46.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.727 min Scan# 1282
Delta R.T. 0.018 min
Lab File: BM038760.D
Acq: 16 Feb 2023 16:51

Tgt Ion: 136 Resp: 94401
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 5.1 4.2 6.4
68 3.1 2.9 4.3





#23

Nitrobenzene-d5

Concen: 107.071 ng

RT: 9.092 min Scan# 1004

Delta R.T. 0.012 min

Lab File: BM038760.D

Acq: 16 Feb 2023 16:51

Instrument :

BNA_M

ClientSampleId :

TEST-PIT-10-(TP10)-COMP-4

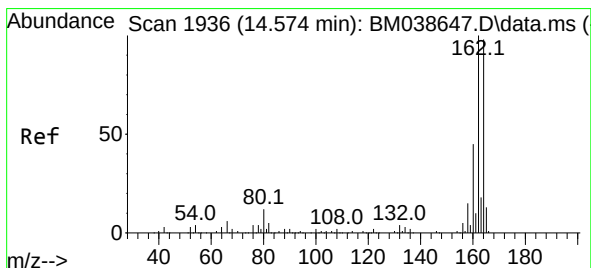
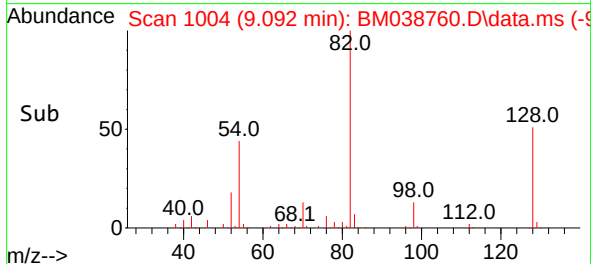
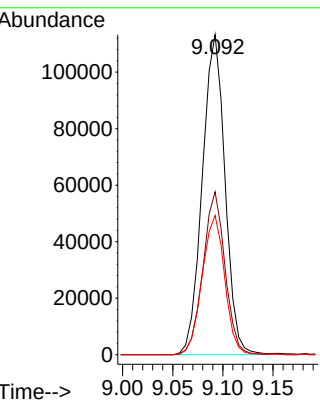
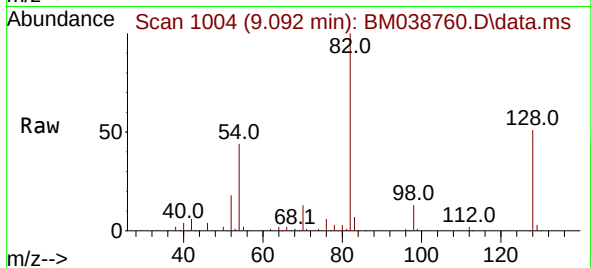
Tgt Ion: 82 Resp: 177950

Ion Ratio Lower Upper

82 100

128 50.9 36.0 54.0

54 43.5 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.557 min Scan# 1933

Delta R.T. 0.012 min

Lab File: BM038760.D

Acq: 16 Feb 2023 16:51

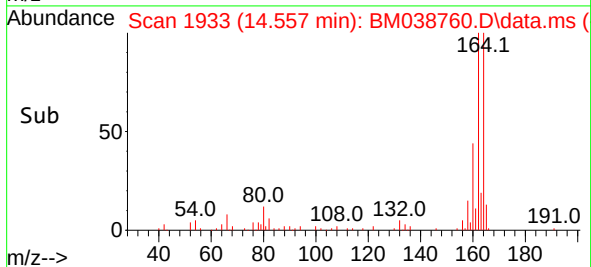
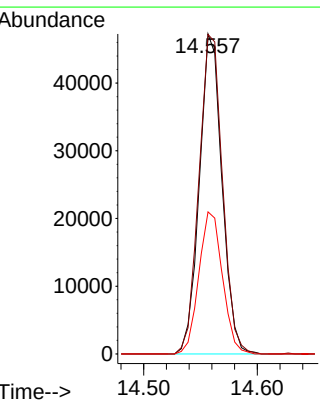
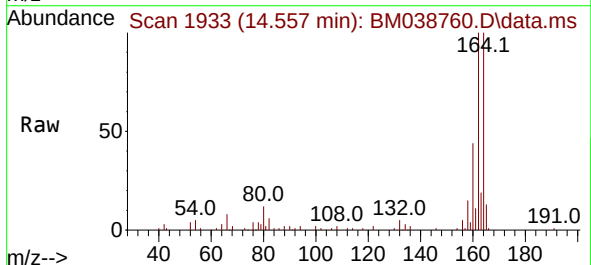
Tgt Ion:164 Resp: 65311

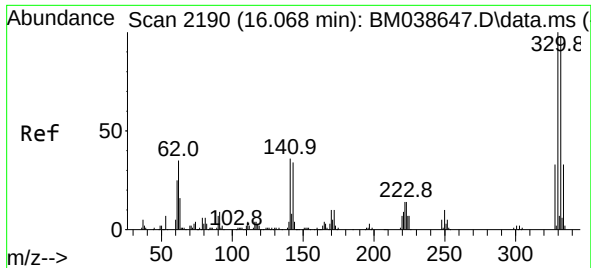
Ion Ratio Lower Upper

164 100

162 99.8 81.4 122.0

160 44.4 36.5 54.7

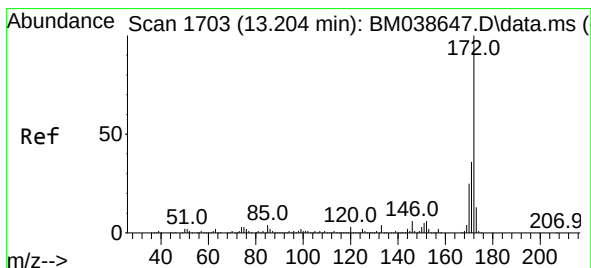
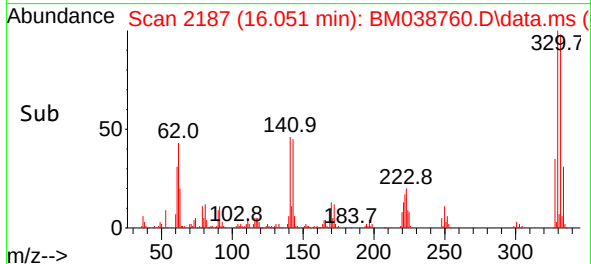
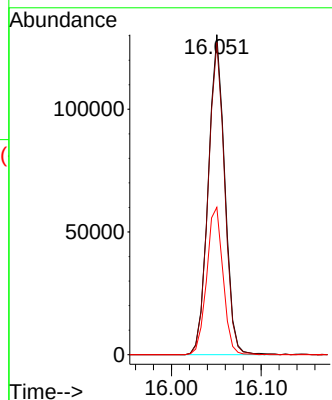
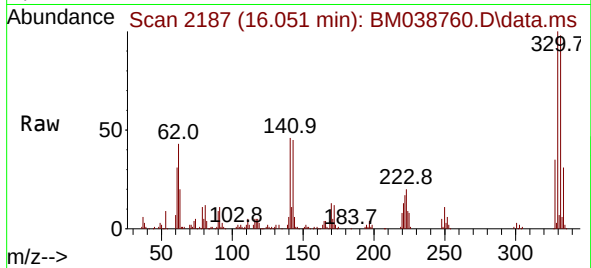




#42
2,4,6-Tribromophenol
Concen: 187.940 ng
RT: 16.051 min Scan# 21
Delta R.T. 0.018 min
Lab File: BM038760.D
Acq: 16 Feb 2023 16:51

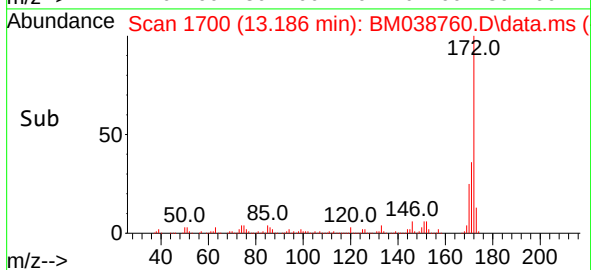
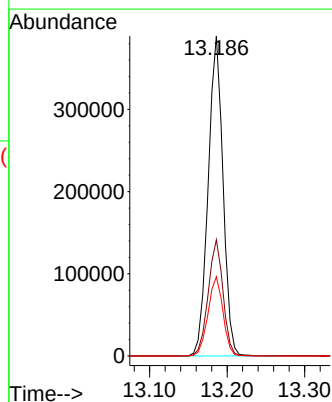
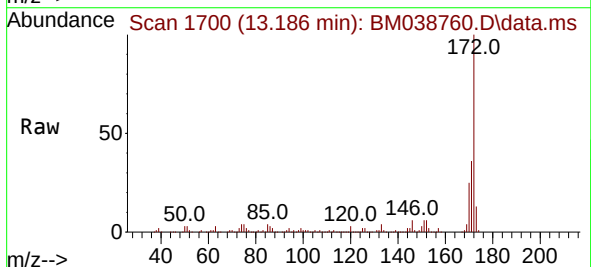
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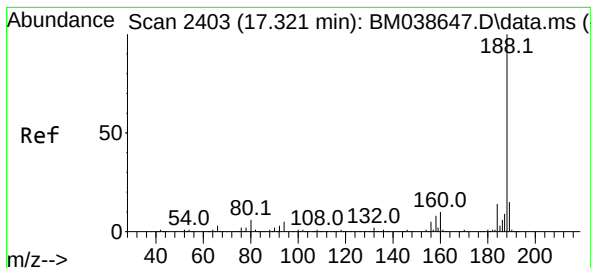
Tgt Ion:330 Resp: 166838
Ion Ratio Lower Upper
330 100
332 96.9 77.8 116.6
141 45.5 31.0 46.6



#45
2-Fluorobiphenyl
Concen: 100.880 ng
RT: 13.186 min Scan# 1700
Delta R.T. 0.018 min
Lab File: BM038760.D
Acq: 16 Feb 2023 16:51

Tgt Ion:172 Resp: 517522
Ion Ratio Lower Upper
172 100
171 36.3 28.7 43.1
170 24.7 20.0 30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.303 min Scan# 2400

Delta R.T. 0.018 min

Lab File: BM038760.D

Acq: 16 Feb 2023 16:51

Instrument :

BNA_M

ClientSampleId :

TEST-PIT-10-(TP10)-COMP-4

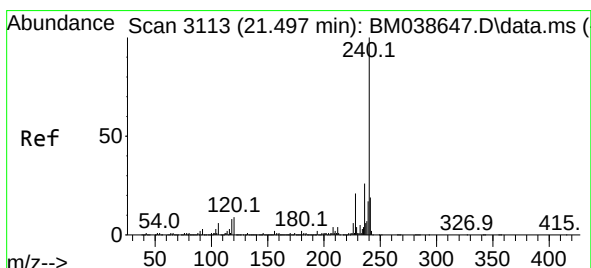
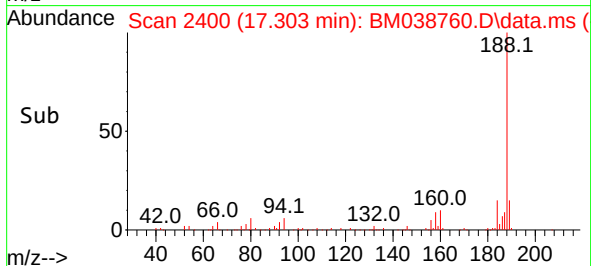
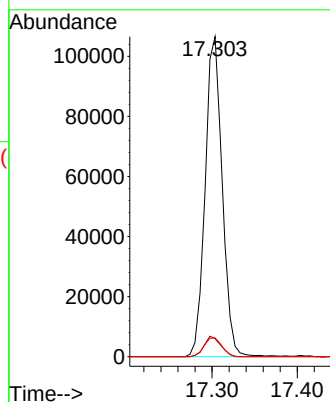
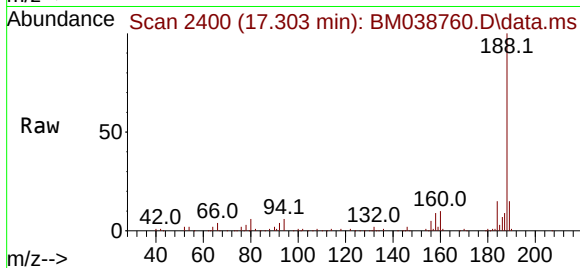
Tgt Ion:188 Resp: 148161

Ion Ratio Lower Upper

188 100

94 5.6 4.2 6.4

80 5.9 4.6 7.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.480 min Scan# 3110

Delta R.T. 0.018 min

Lab File: BM038760.D

Acq: 16 Feb 2023 16:51

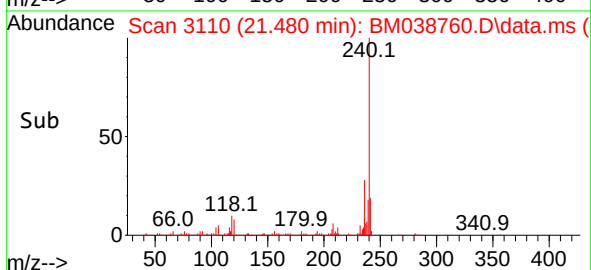
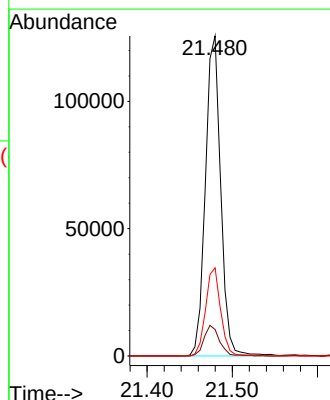
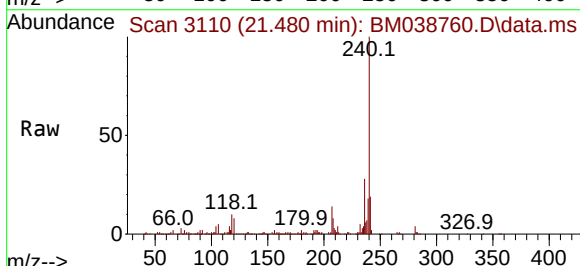
Tgt Ion:240 Resp: 156933

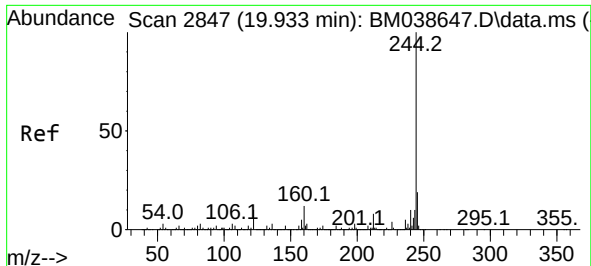
Ion Ratio Lower Upper

240 100

120 8.3 7.0 10.4

236 27.6 20.9 31.3

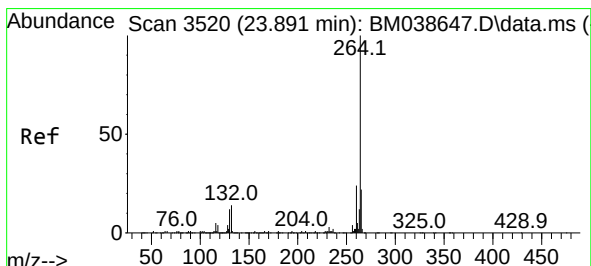
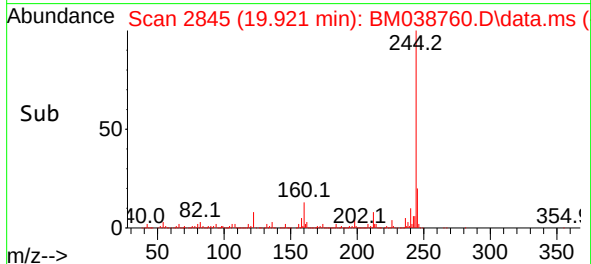
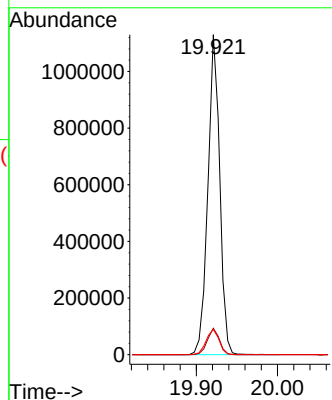
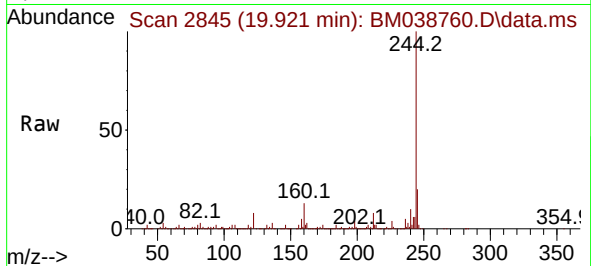




#79
 Terphenyl-d14
 Concen: 128.255 ng
 RT: 19.921 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BM038760.D
 Acq: 16 Feb 2023 16:51

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:244 Resp: 1140578
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.6 9.8
 122 7.9 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.862 min Scan# 3515
 Delta R.T. 0.023 min
 Lab File: BM038760.D
 Acq: 16 Feb 2023 16:51

Tgt Ion:264 Resp: 229232
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.6 29.4
 265 21.6 17.9 26.9

