

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020223\
 Data File : BM038672.D
 Acq On : 02 Feb 2023 20:33
 Operator : CG/JU
 Sample : 01348-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MID1-H5(21-22)

Quant Time: Feb 03 05:38:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 02 03:31:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	88661	20.000	ng	-0.01
21) Naphthalene-d8	10.739	136	268888	20.000	ng	-0.01
39) Acenaphthene-d10	14.568	164	174986	20.000	ng	0.00
64) Phenanthrene-d10	17.309	188	326370	20.000	ng	-0.01
76) Chrysene-d12	21.486	240	253468	20.000	ng	-0.01
86) Perylene-d12	23.886	264	338649	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	411879	91.002	ng	0.00
7) Phenol-d6	7.110	99	445469	86.297	ng	0.00
23) Nitrobenzene-d5	9.104	82	267702	56.550	ng	-0.01
42) 2,4,6-Tribromophenol	16.057	330	205473	86.390	ng	-0.01
45) 2-Fluorobiphenyl	13.192	172	846446	61.583	ng	-0.01
79) Terphenyl-d14	19.927	244	939114	65.382	ng	0.00

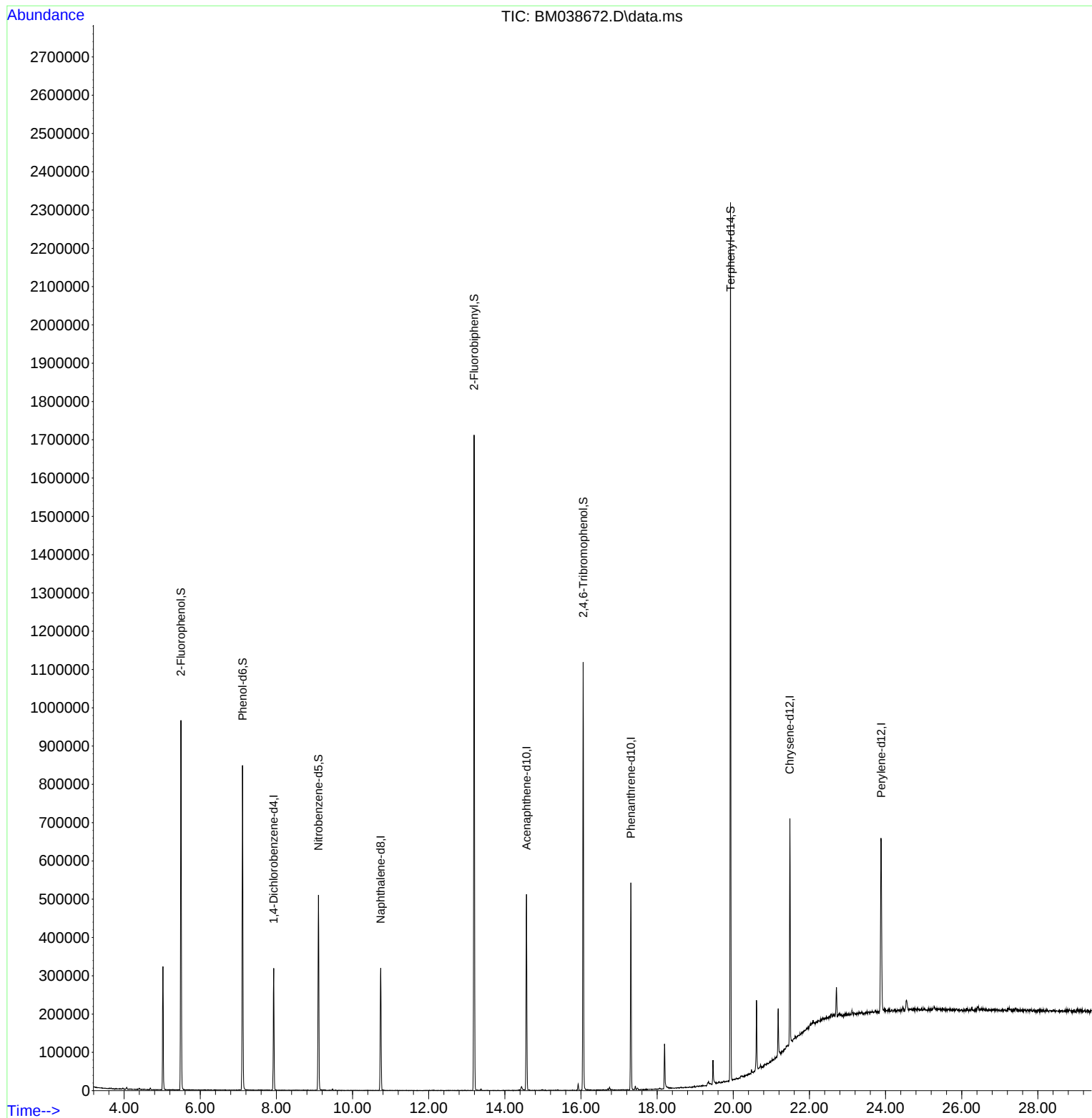
Target Compounds	Qvalue

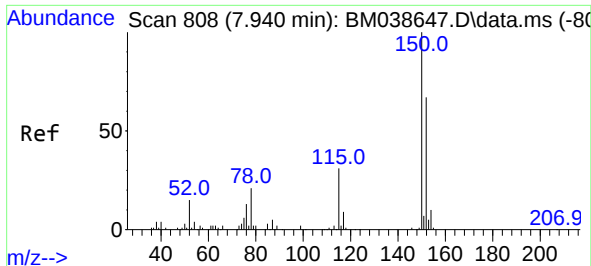
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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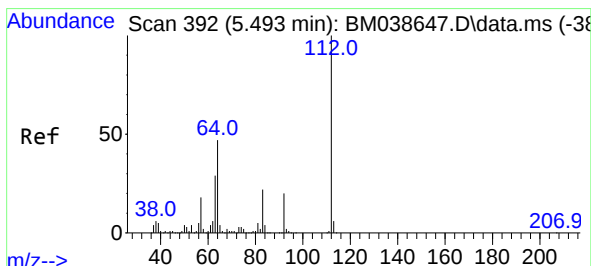
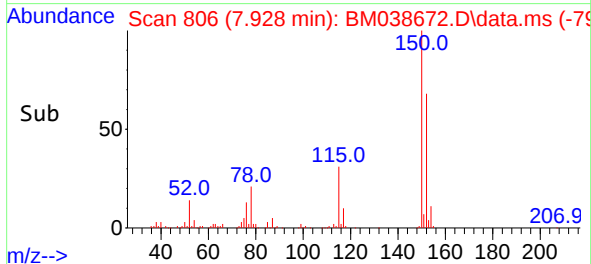
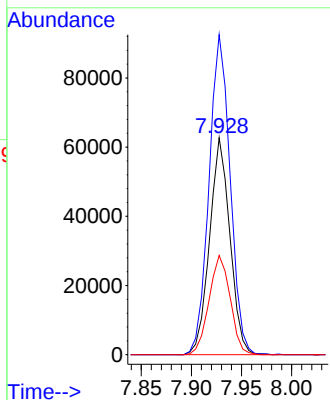
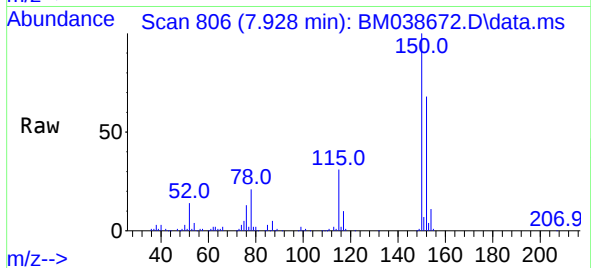




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 806
Delta R.T. -0.012 min
Lab File: BM038672.D
Acq: 02 Feb 2023 20:33

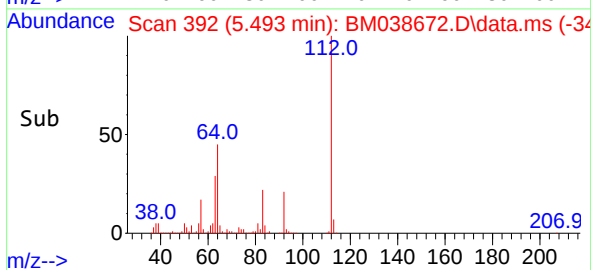
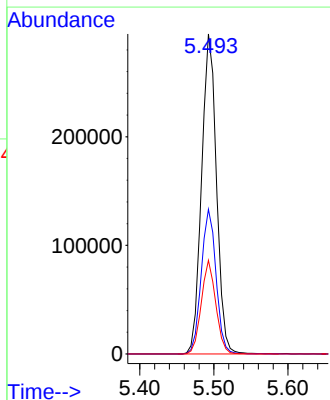
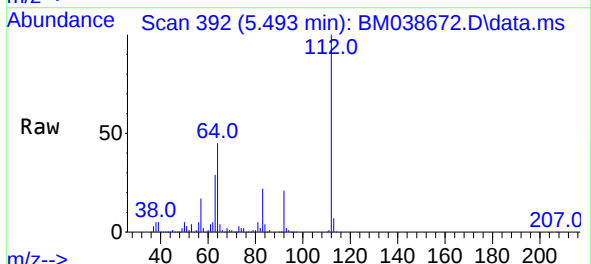
Instrument :
BNA_M
ClientSampleId :
MID1-H5(21-22)

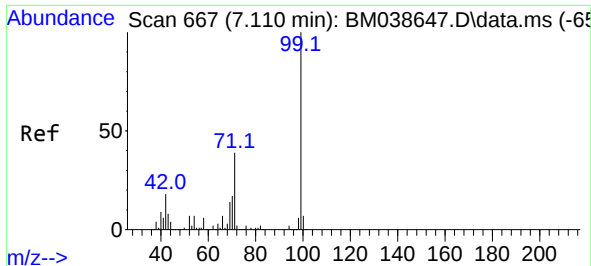
Tgt Ion:152 Resp: 88661
Ion Ratio Lower Upper
152 100
150 147.5 119.5 179.3
115 45.7 37.6 56.4



#5
2-Fluorophenol
Concen: 91.002 ng
RT: 5.493 min Scan# 392
Delta R.T. -0.000 min
Lab File: BM038672.D
Acq: 02 Feb 2023 20:33

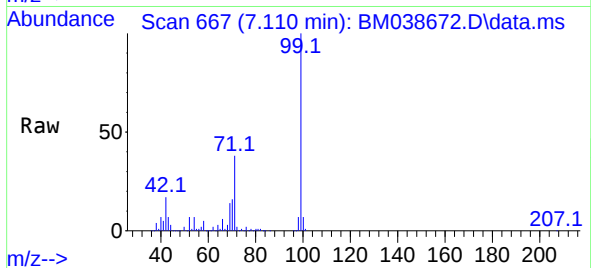
Tgt Ion:112 Resp: 411879
Ion Ratio Lower Upper
112 100
64 45.2 37.9 56.9
63 29.2 23.3 34.9



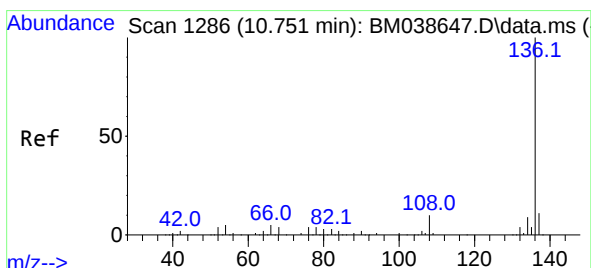
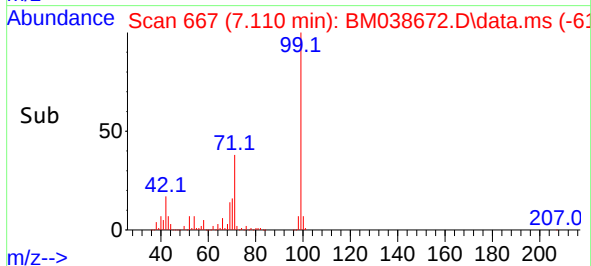
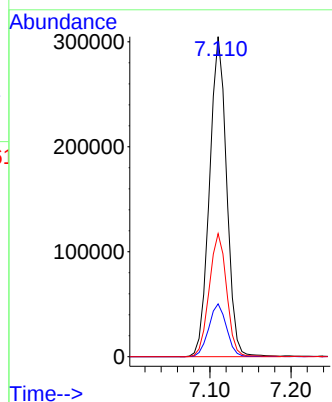


#7
Phenol-d6
Concen: 86.297 ng
RT: 7.110 min Scan# 60
Delta R.T. -0.000 min
Lab File: BM038672.D
Acq: 02 Feb 2023 20:33

Instrument :
BNA_M
ClientSampleId :
MID1-H5(21-22)

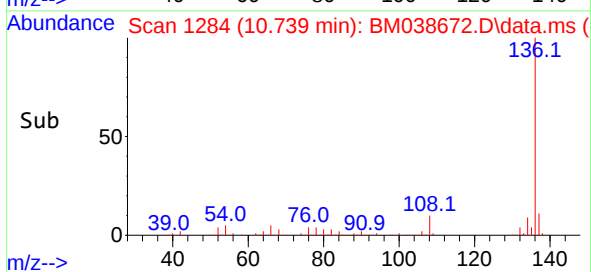
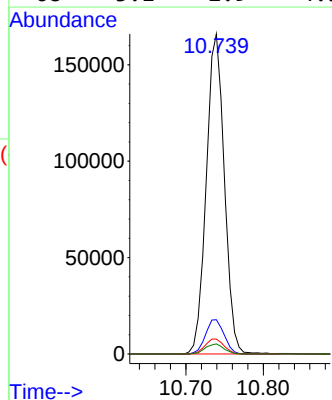
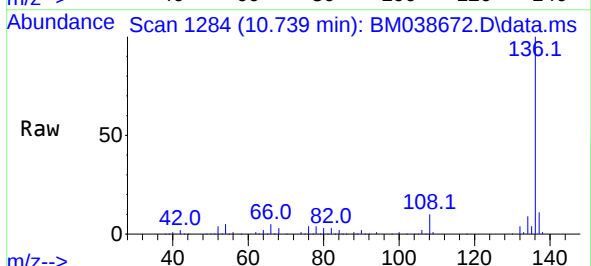


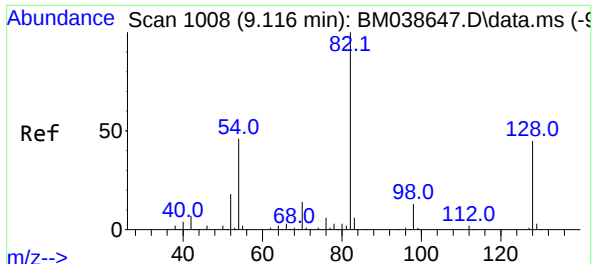
Tgt Ion: 99 Resp: 445469
Ion Ratio Lower Upper
99 100
42 16.5 14.6 22.0
71 38.4 31.0 46.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.739 min Scan# 1284
Delta R.T. -0.012 min
Lab File: BM038672.D
Acq: 02 Feb 2023 20:33

Tgt Ion:136 Resp: 268888
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 4.7 4.2 6.4
68 3.1 2.9 4.3





#23

Nitrobenzene-d5

Concen: 56.550 ng

RT: 9.104 min Scan# 1006

Delta R.T. -0.012 min

Lab File: BM038672.D

Acq: 02 Feb 2023 20:33

Instrument :

BNA_M

ClientSampleId :

MID1-H5(21-22)

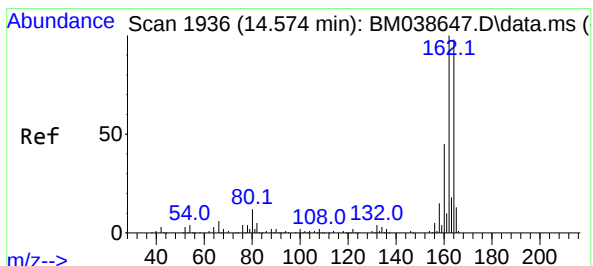
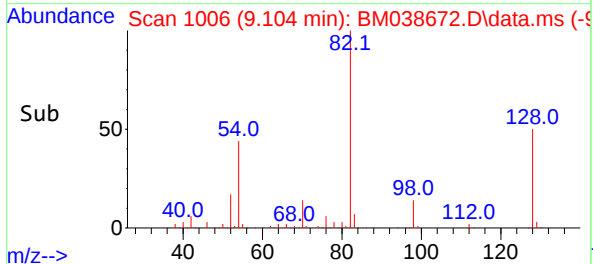
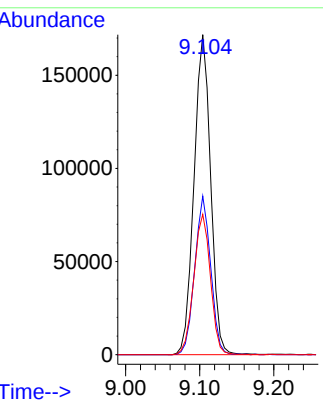
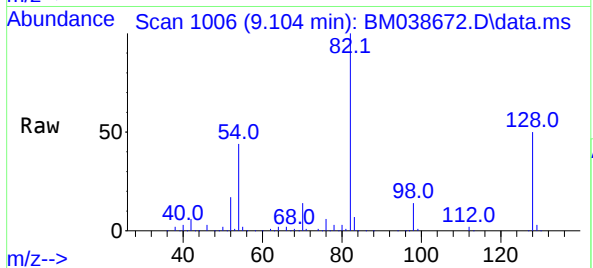
Tgt Ion: 82 Resp: 267702

Ion Ratio Lower Upper

82 100

128 49.6 36.0 54.0

54 43.9 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.568 min Scan# 1935

Delta R.T. -0.006 min

Lab File: BM038672.D

Acq: 02 Feb 2023 20:33

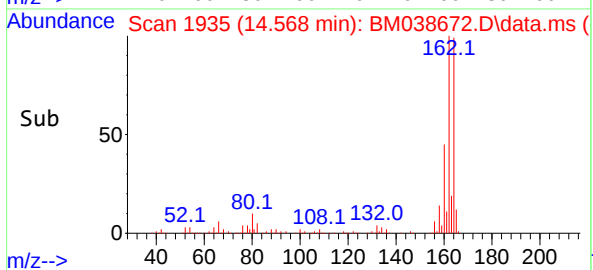
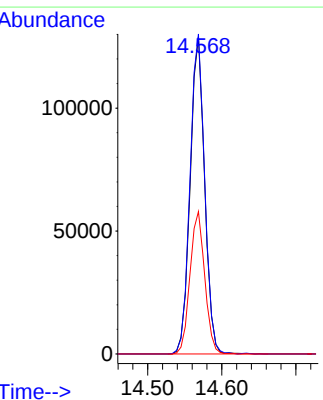
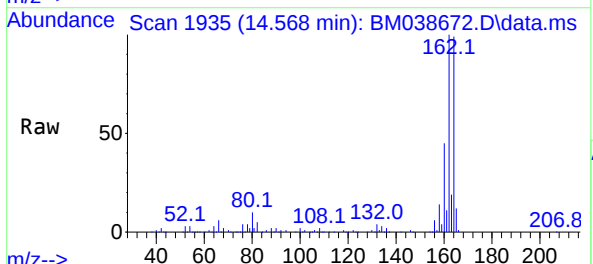
Tgt Ion:164 Resp: 174986

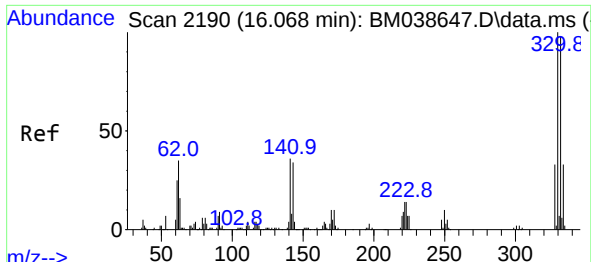
Ion Ratio Lower Upper

164 100

162 100.9 81.4 122.0

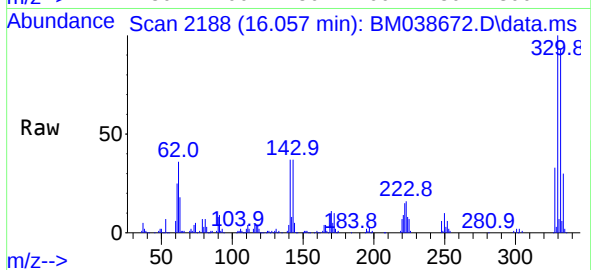
160 44.9 36.5 54.7



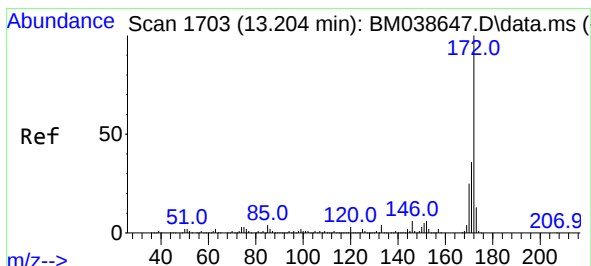
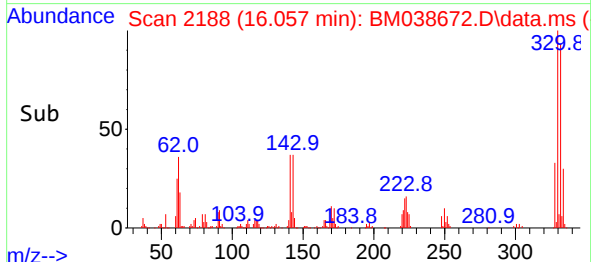
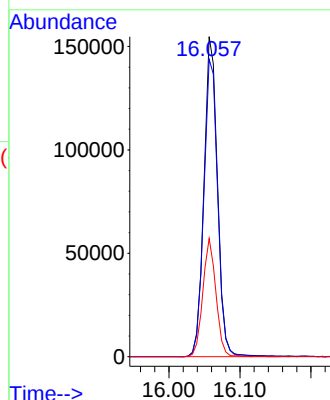


#42
2,4,6-Tribromophenol
Concen: 86.390 ng
RT: 16.057 min Scan# 21
Delta R.T. -0.011 min
Lab File: BM038672.D
Acq: 02 Feb 2023 20:33

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MID1-H5(21-22)

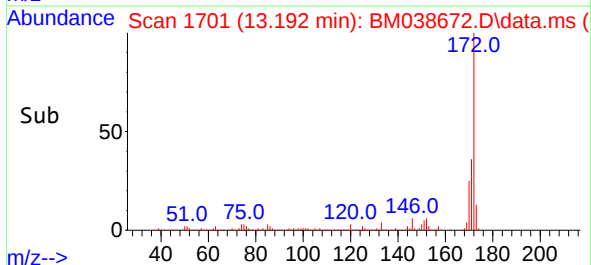
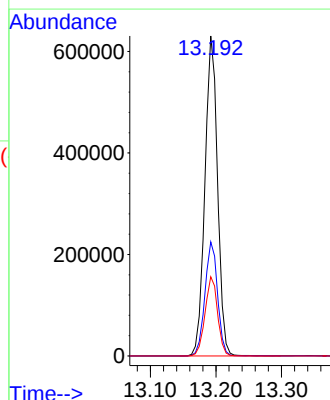
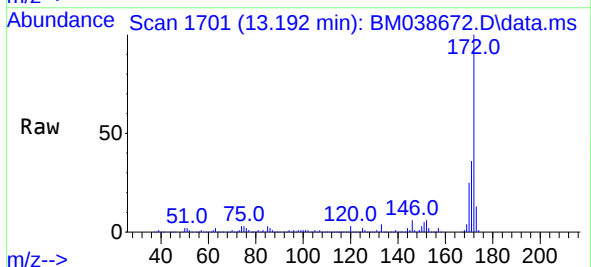


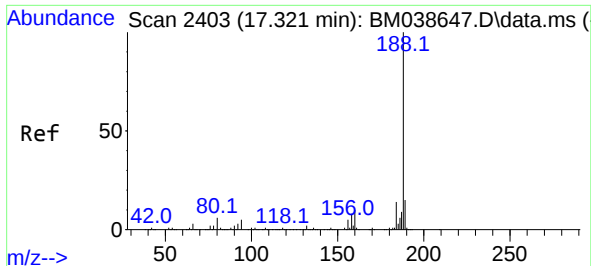
Tgt Ion:330 Resp: 205473
Ion Ratio Lower Upper
330 100
332 95.2 77.8 116.6
141 35.8 31.0 46.6



#45
2-Fluorobiphenyl
Concen: 61.583 ng
RT: 13.192 min Scan# 1701
Delta R.T. -0.012 min
Lab File: BM038672.D
Acq: 02 Feb 2023 20:33

Tgt Ion:172 Resp: 846446
Ion Ratio Lower Upper
172 100
171 35.7 28.7 43.1
170 24.7 20.0 30.0

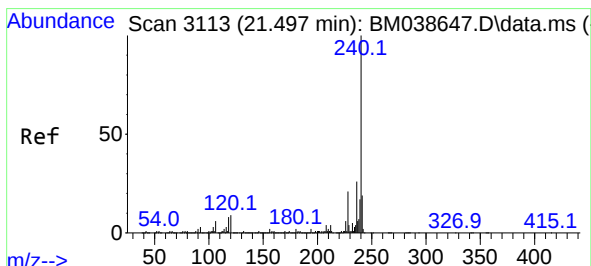
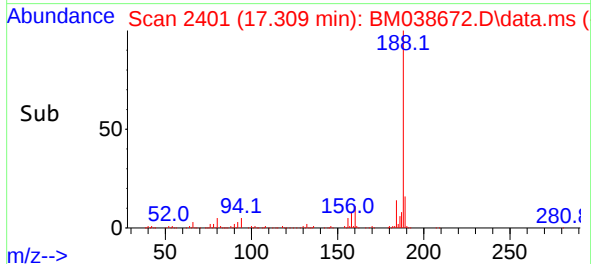
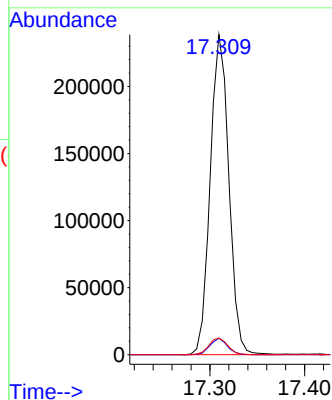
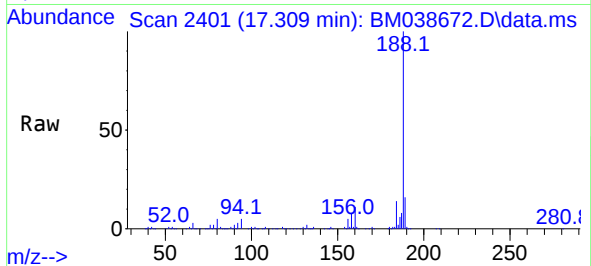




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.309 min Scan# 2403
Delta R.T. -0.012 min
Lab File: BM038672.D
Acq: 02 Feb 2023 20:33

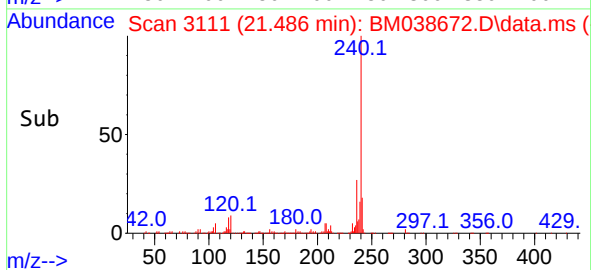
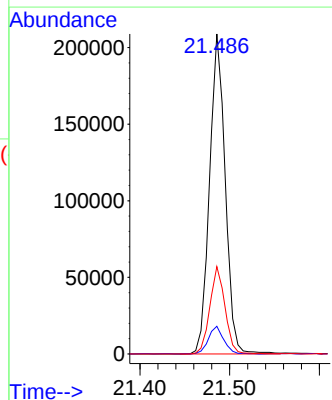
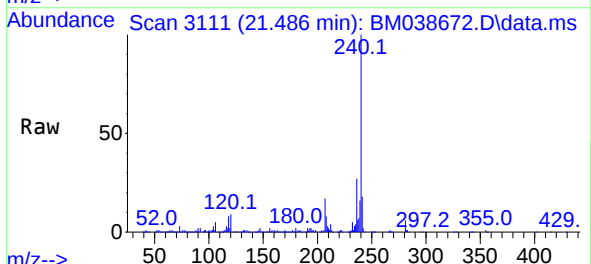
Instrument :
BNA_M
ClientSampleId :
MID1-H5(21-22)

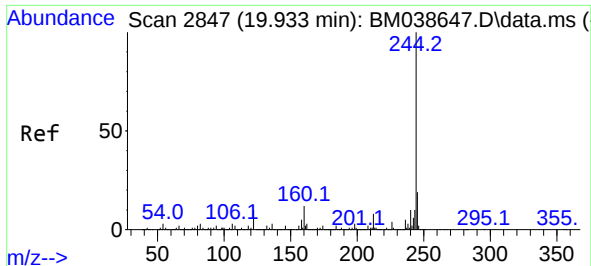
Tgt Ion:188 Resp: 326370
Ion Ratio Lower Upper
188 100
94 5.1 4.2 6.4
80 5.2 4.6 7.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.486 min Scan# 3111
Delta R.T. -0.012 min
Lab File: BM038672.D
Acq: 02 Feb 2023 20:33

Tgt Ion:240 Resp: 253468
Ion Ratio Lower Upper
240 100
120 8.6 7.0 10.4
236 27.3 20.9 31.3

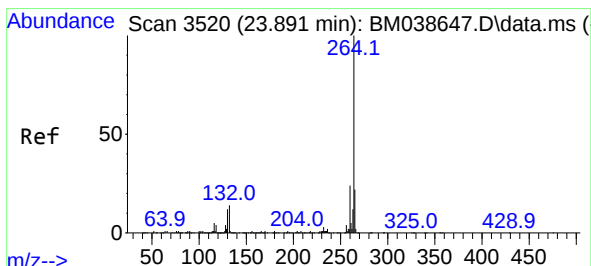
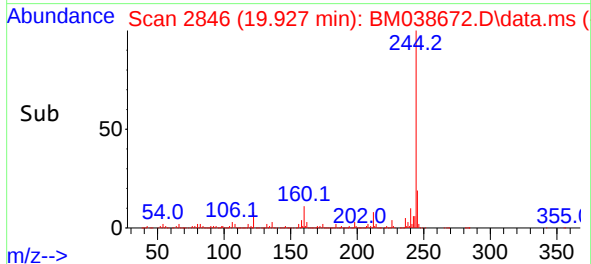
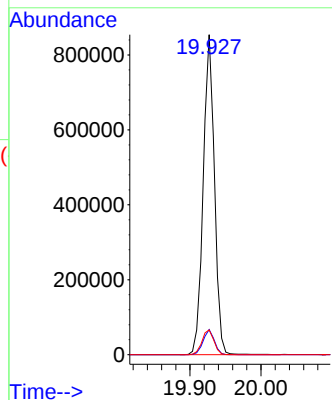
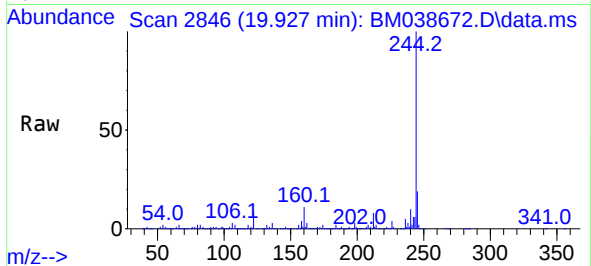




#79
Terphenyl-d14
Concen: 65.382 ng
RT: 19.927 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM038672.D
Acq: 02 Feb 2023 20:33

Instrument :
BNA_M
ClientSampleId :
MID1-H5(21-22)

Tgt Ion:244 Resp: 939114
Ion Ratio Lower Upper
244 100
212 7.9 6.6 9.8
122 7.7 7.8 11.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.886 min Scan# 3519
Delta R.T. -0.006 min
Lab File: BM038672.D
Acq: 02 Feb 2023 20:33

Tgt Ion:264 Resp: 338649
Ion Ratio Lower Upper
264 100
260 24.4 19.6 29.4
265 22.3 17.9 26.9

