

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022023\
 Data File : BM038790.D
 Acq On : 20 Feb 2023 17:03
 Operator : CG/JU
 Sample : 01593-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-26-SB01

Quant Time: Feb 21 02:08:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 21 02:04:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	52555	20.000	ng	0.00
21) Naphthalene-d8	10.692	136	199269	20.000	ng	0.00
39) Acenaphthene-d10	14.533	164	122738	20.000	ng	0.00
64) Phenanthrene-d10	17.280	188	227898	20.000	ng	# 0.00
76) Chrysene-d12	21.468	240	201074	20.000	ng	0.00
86) Perylene-d12	23.844	264	249316	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	393948	146.838	ng	0.00
7) Phenol-d6	7.057	99	462703	151.216	ng	0.00
23) Nitrobenzene-d5	9.057	82	274343	78.200	ng	0.00
42) 2,4,6-Tribromophenol	16.027	330	213557	128.010	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	757531	78.575	ng	0.00
79) Terphenyl-d14	19.909	244	1084457	95.174	ng	0.00

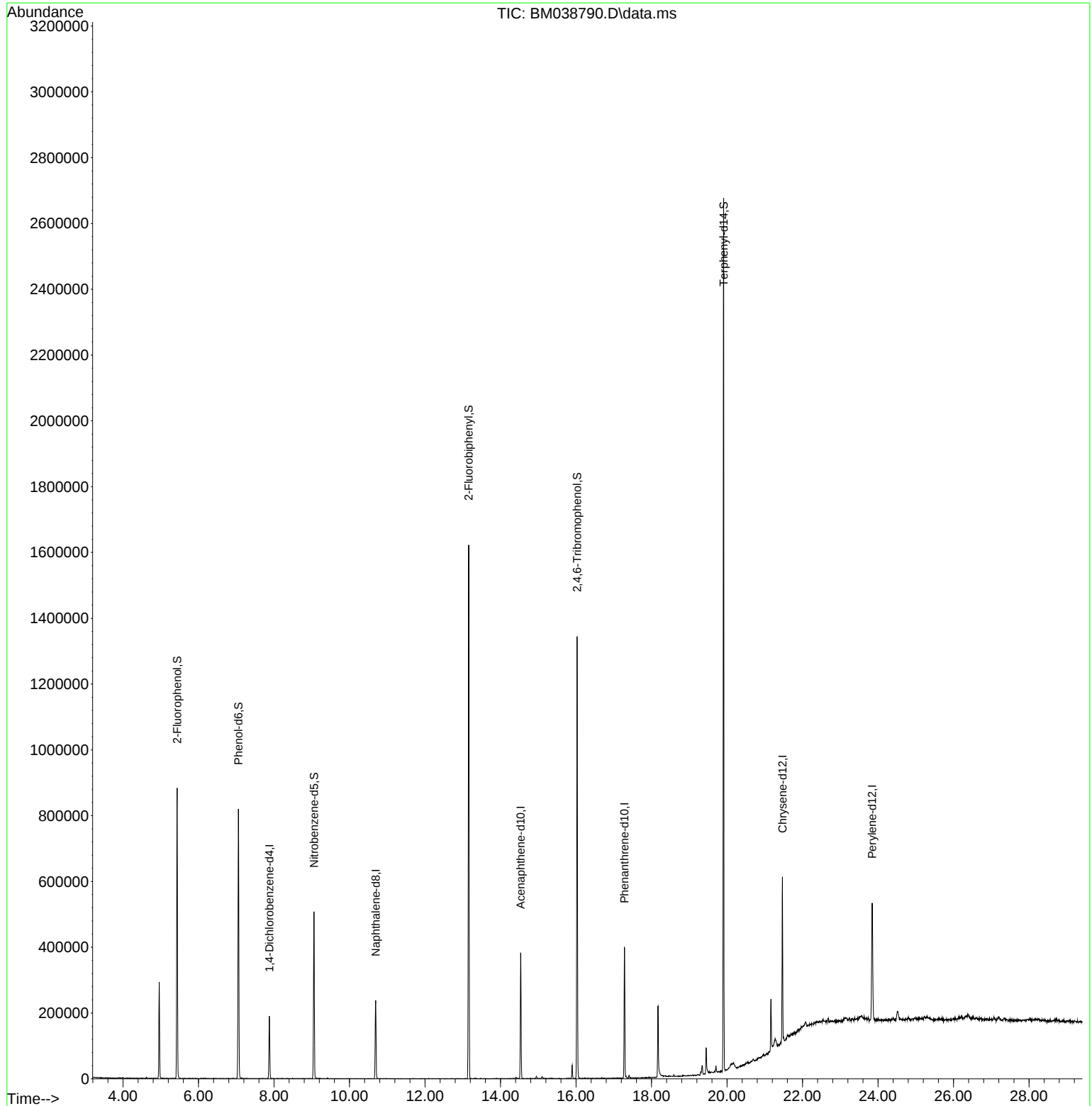
Target Compounds	Qvalue

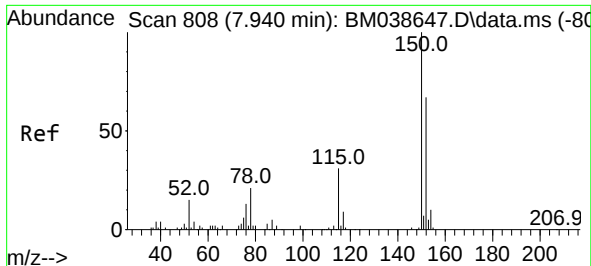
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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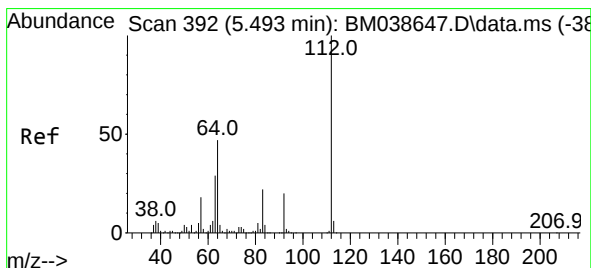
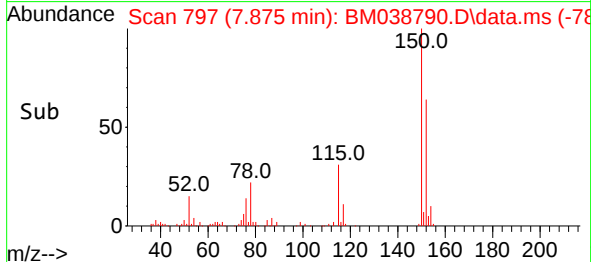
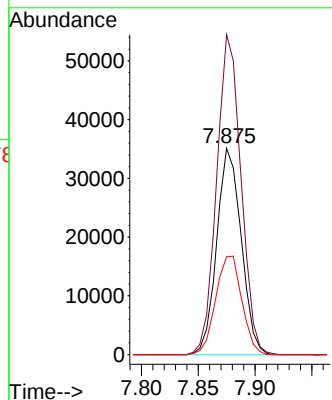
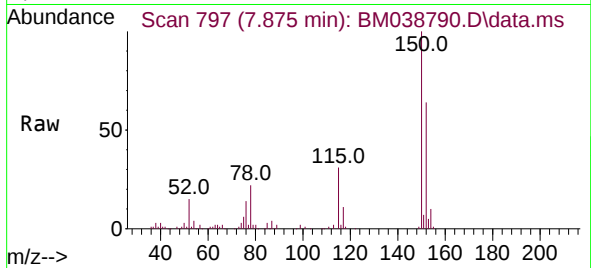




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.875 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM038790.D
Acq: 20 Feb 2023 17:03

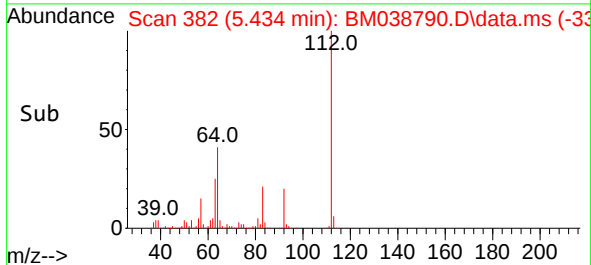
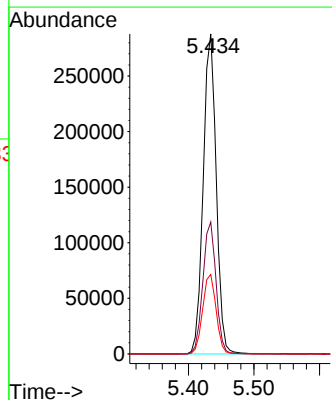
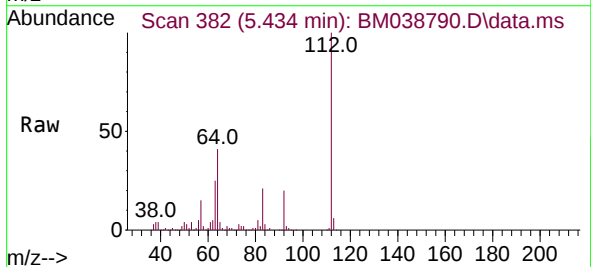
Instrument :
BNA_M
ClientSampleId :
B-26-SB01

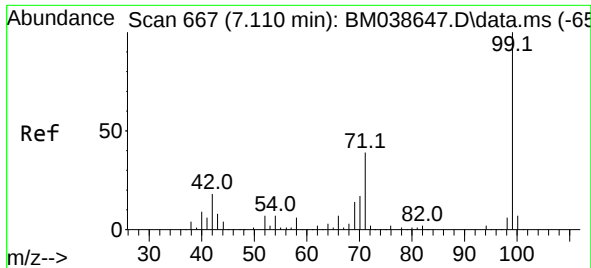
Tgt Ion:152 Resp: 52555
Ion Ratio Lower Upper
152 100
150 155.1 119.5 179.3
115 47.4 37.6 56.4



#5
2-Fluorophenol
Concen: 146.838 ng
RT: 5.434 min Scan# 382
Delta R.T. 0.000 min
Lab File: BM038790.D
Acq: 20 Feb 2023 17:03

Tgt Ion:112 Resp: 393948
Ion Ratio Lower Upper
112 100
64 41.2 37.9 56.9
63 24.8 23.3 34.9

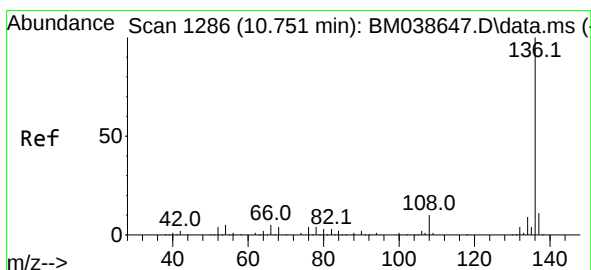
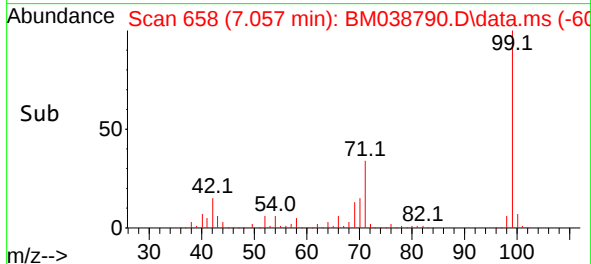
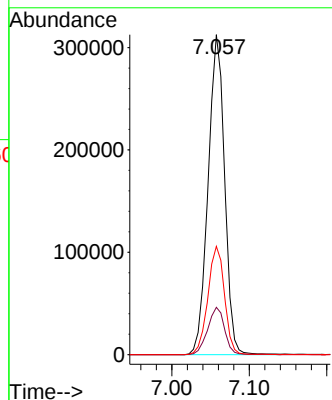
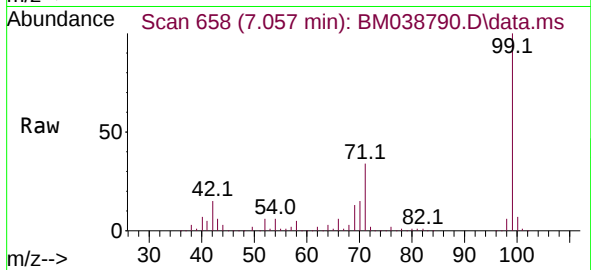




#7
Phenol-d6
Concen: 151.216 ng
RT: 7.057 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM038790.D
Acq: 20 Feb 2023 17:03

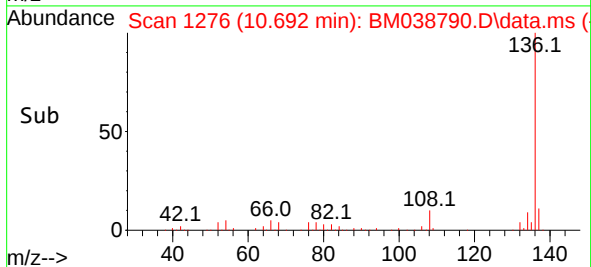
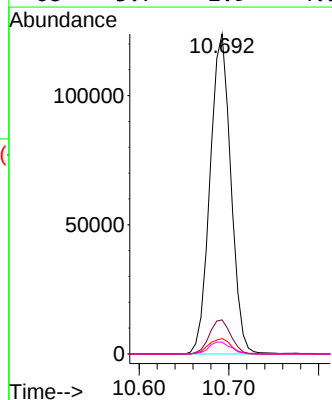
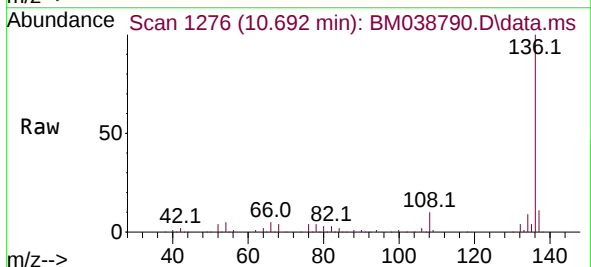
Instrument :
BNA_M
ClientSampleId :
B-26-SB01

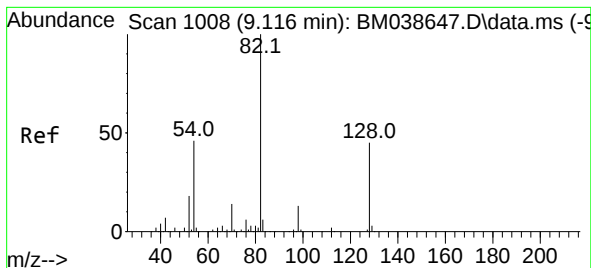
Tgt Ion: 99 Resp: 462703
Ion Ratio Lower Upper
99 100
42 14.8 14.6 22.0
71 33.8 31.0 46.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.692 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BM038790.D
Acq: 20 Feb 2023 17:03

Tgt Ion: 136 Resp: 199269
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 4.8 4.2 6.4
68 3.7 2.9 4.3





#23

Nitrobenzene-d5

Concen: 78.200 ng

RT: 9.057 min Scan# 998

Delta R.T. 0.000 min

Lab File: BM038790.D

Acq: 20 Feb 2023 17:03

Instrument :

BNA_M

ClientSampleId :

B-26-SB01

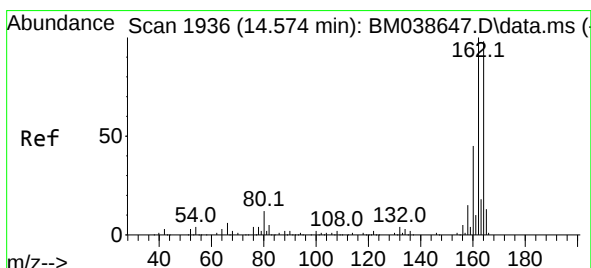
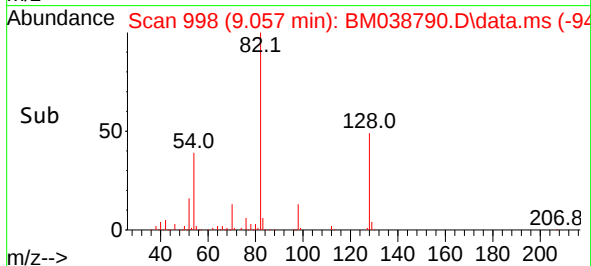
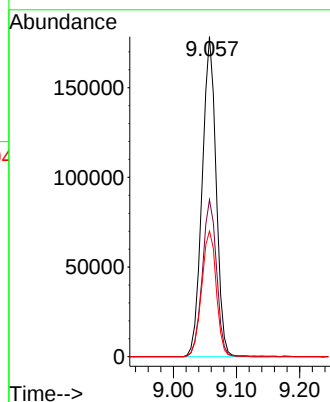
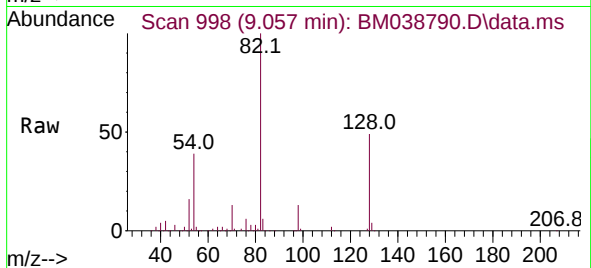
Tgt Ion: 82 Resp: 274343

Ion Ratio Lower Upper

82 100

128 49.0 36.0 54.0

54 39.3 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.533 min Scan# 1929

Delta R.T. -0.006 min

Lab File: BM038790.D

Acq: 20 Feb 2023 17:03

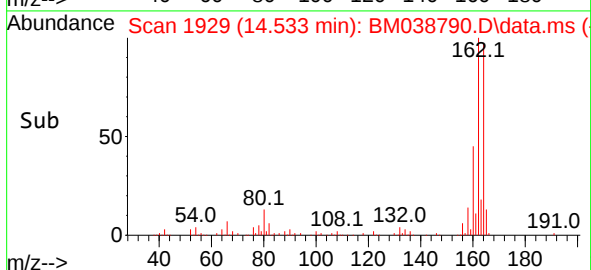
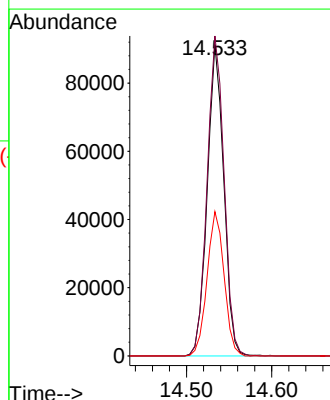
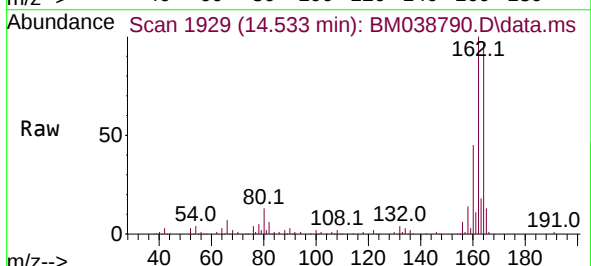
Tgt Ion: 164 Resp: 122738

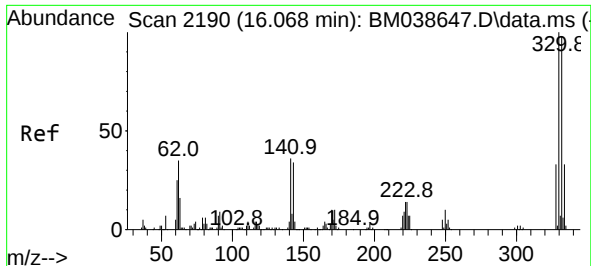
Ion Ratio Lower Upper

164 100

162 102.7 81.4 122.0

160 46.3 36.5 54.7





#42

2,4,6-Tribromophenol

Concen: 128.010 ng

RT: 16.027 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM038790.D

Acq: 20 Feb 2023 17:03

Instrument :

BNA_M

ClientSampleId :

B-26-SB01

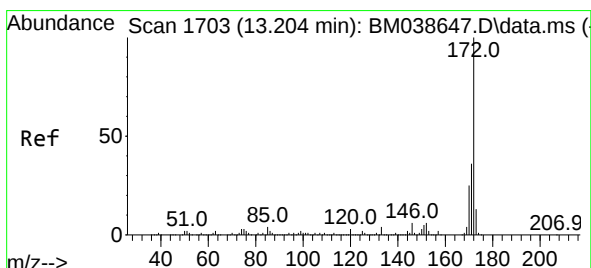
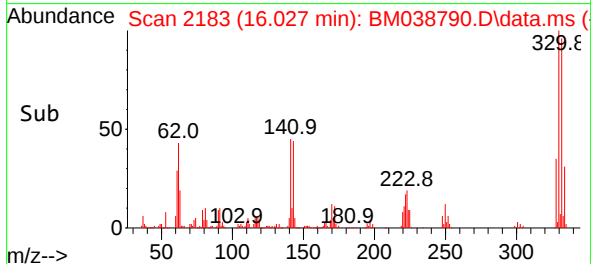
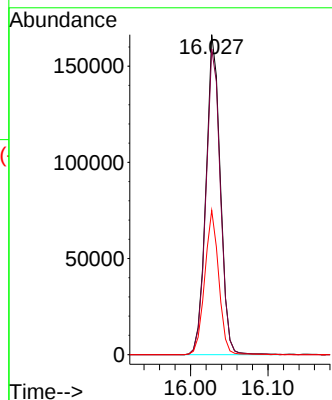
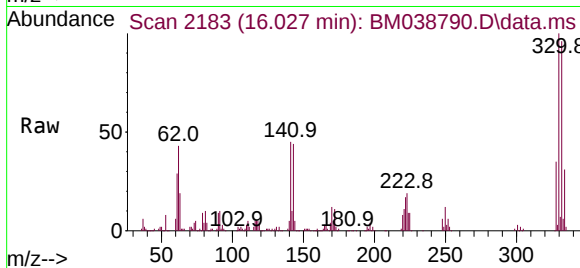
Tgt Ion:330 Resp: 213557

Ion Ratio Lower Upper

330 100

332 96.5 77.8 116.6

141 43.8 31.0 46.6



#45

2-Fluorobiphenyl

Concen: 78.575 ng

RT: 13.157 min Scan# 1695

Delta R.T. 0.000 min

Lab File: BM038790.D

Acq: 20 Feb 2023 17:03

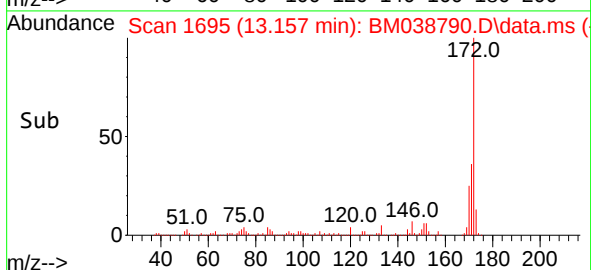
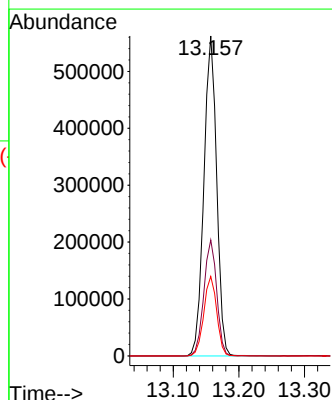
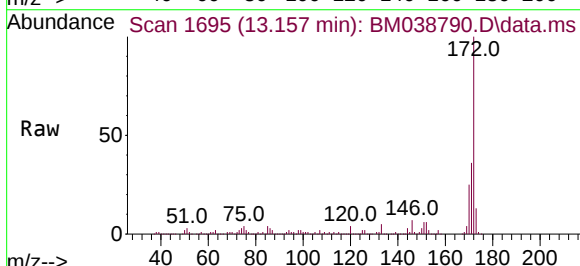
Tgt Ion:172 Resp: 757531

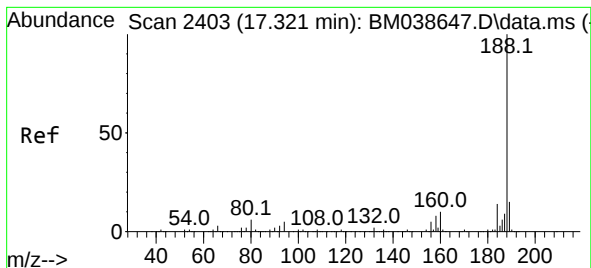
Ion Ratio Lower Upper

172 100

171 36.2 28.7 43.1

170 24.8 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: BM038790.D

Acq: 20 Feb 2023 17:03

Instrument :

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B-26-SB01

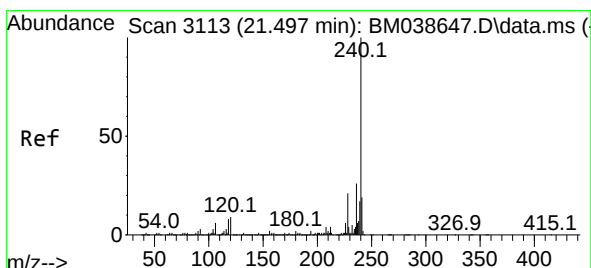
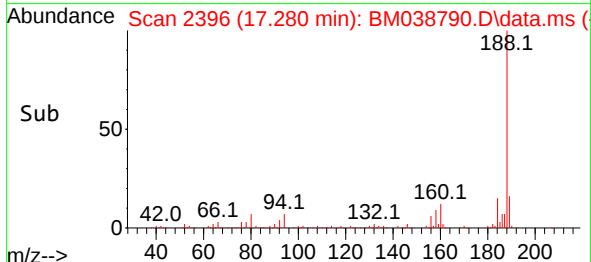
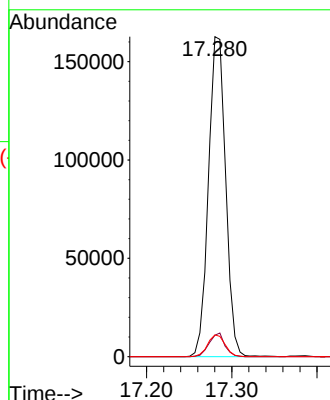
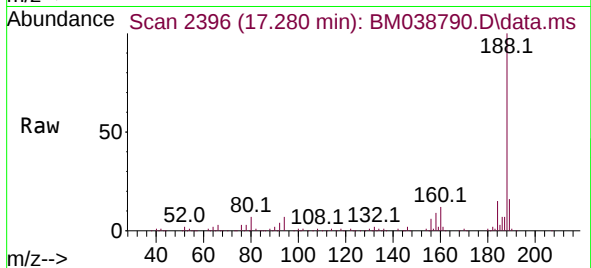
Tgt Ion:188 Resp: 227898

Ion Ratio Lower Upper

188 100

94 6.7 4.2 6.4#

80 6.8 4.6 7.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.468 min Scan# 3108

Delta R.T. 0.000 min

Lab File: BM038790.D

Acq: 20 Feb 2023 17:03

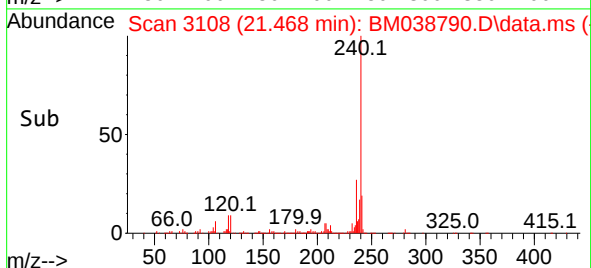
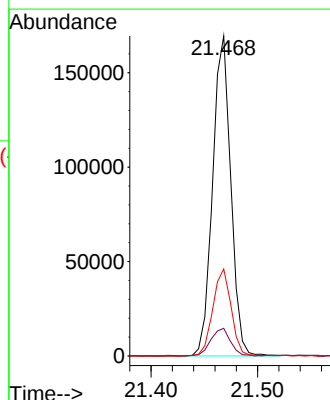
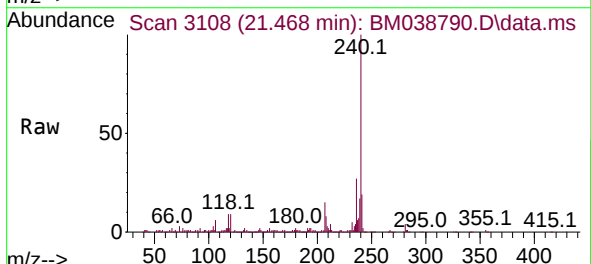
Tgt Ion:240 Resp: 201074

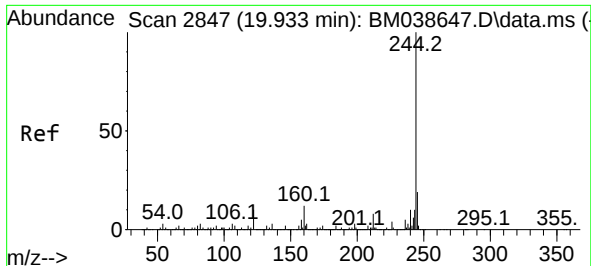
Ion Ratio Lower Upper

240 100

120 8.6 7.0 10.4

236 27.2 20.9 31.3

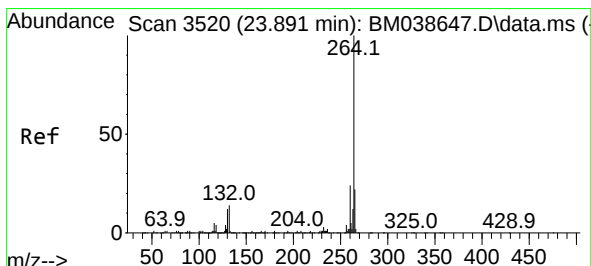
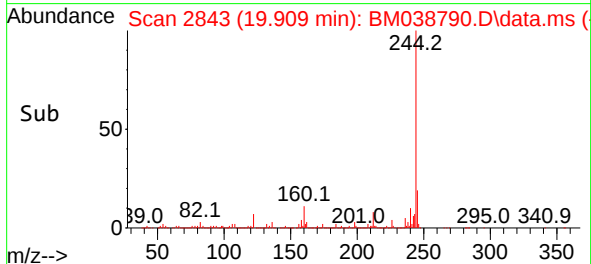
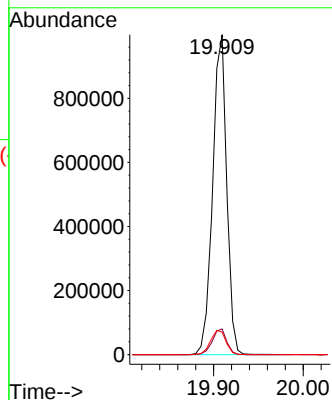
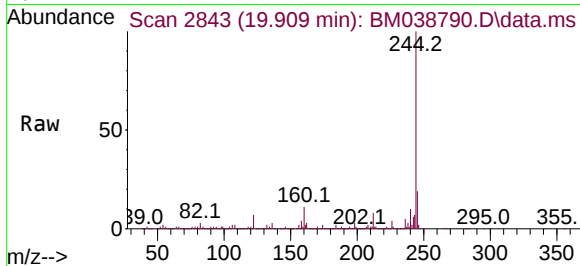




#79
 Terphenyl-d14
 Concen: 95.174 ng
 RT: 19.909 min Scan# 2843
 Delta R.T. 0.000 min
 Lab File: BM038790.D
 Acq: 20 Feb 2023 17:03

Instrument :
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 B-26-SB01

Tgt Ion:244 Resp: 1084457
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.6 9.8
 122 7.0 7.8 11.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.844 min Scan# 3512
 Delta R.T. -0.006 min
 Lab File: BM038790.D
 Acq: 20 Feb 2023 17:03

Tgt Ion:264 Resp: 249316
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.6 29.4
 265 21.9 17.9 26.9

