

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021623\
 Data File : BM038756.D
 Acq On : 16 Feb 2023 14:17
 Operator : CG/JU
 Sample : 01545-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MH-M

Quant Time: Feb 16 15:40:23 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	40484	20.000	ng	0.01
21) Naphthalene-d8	10.722	136	138435	20.000	ng	0.01
39) Acenaphthene-d10	14.562	164	92889	20.000	ng	0.02
64) Phenanthrene-d10	17.303	188	201776	20.000	ng	0.02
76) Chrysene-d12	21.480	240	218302	20.000	ng	0.02
86) Perylene-d12	23.868	264	301370	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	347594	168.191	ng	0.01
7) Phenol-d6	7.086	99	372904	158.206	ng	0.00
23) Nitrobenzene-d5	9.092	82	260601	106.926	ng	0.01
42) 2,4,6-Tribromophenol	16.051	330	234450	185.693	ng	0.02
45) 2-Fluorobiphenyl	13.186	172	762308	104.479	ng	0.02
79) Terphenyl-d14	19.927	244	1697586	137.226	ng	0.02

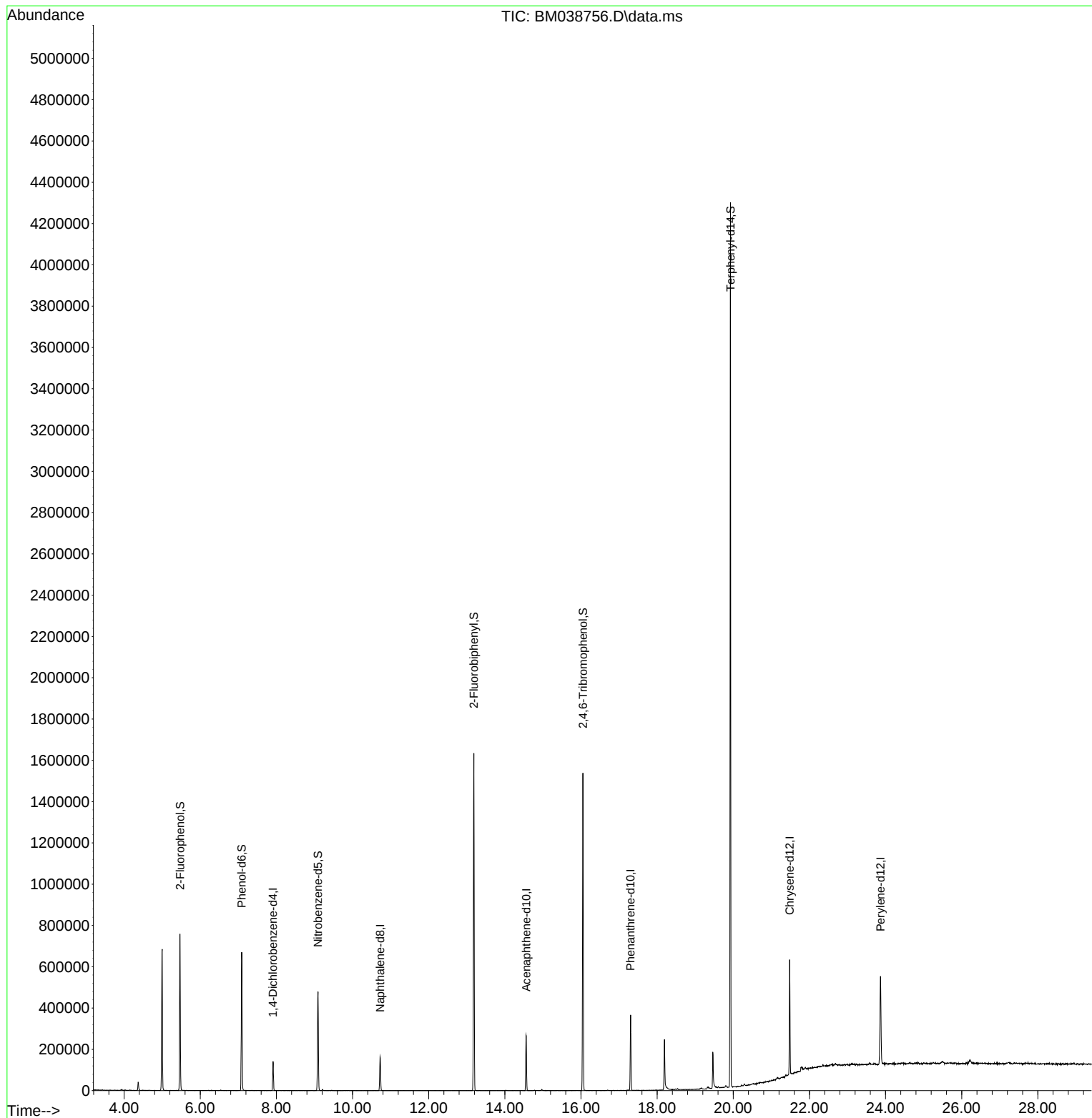
Target Compounds	Qvalue

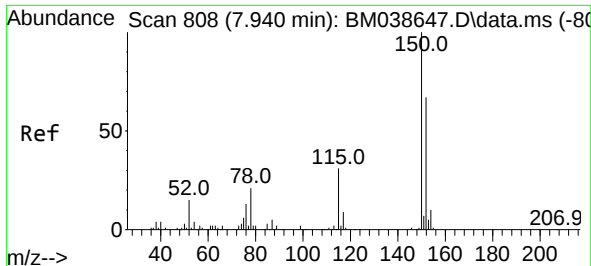
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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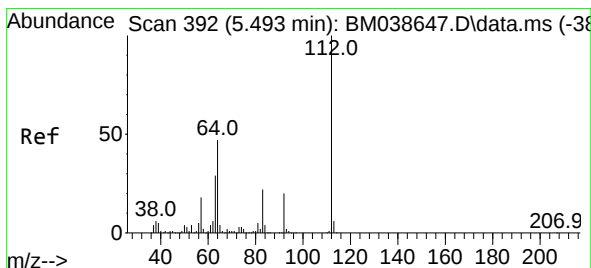
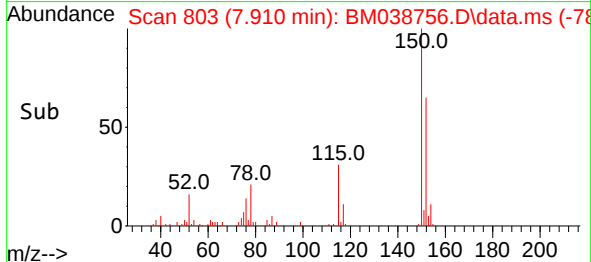
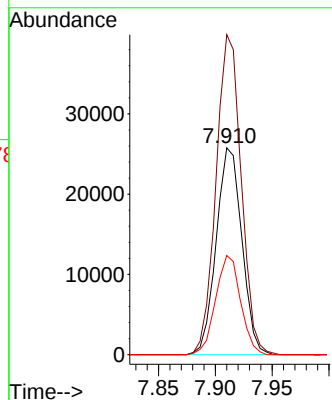
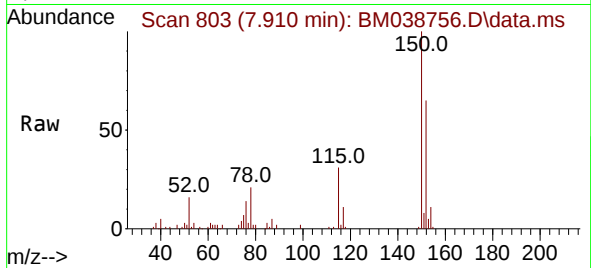




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 80
Delta R.T. 0.012 min
Lab File: BM038756.D
Acq: 16 Feb 2023 14:17

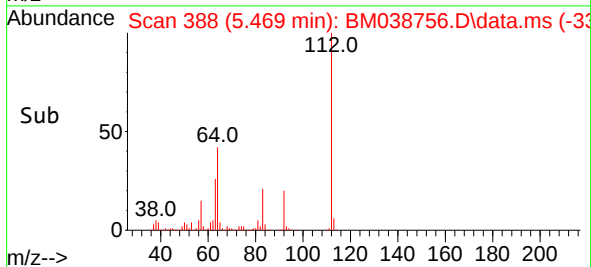
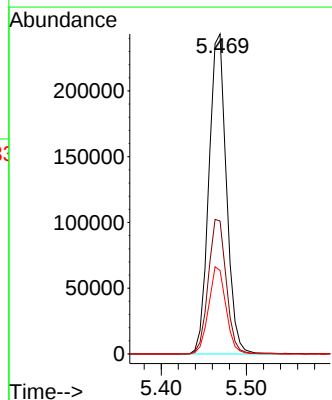
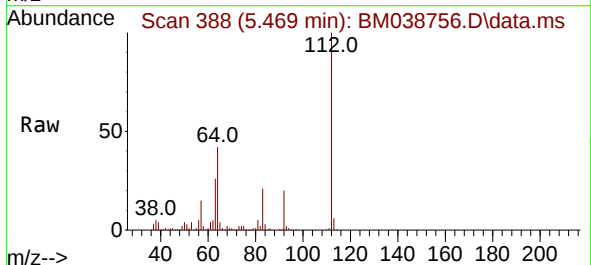
Instrument :
BNA_M
ClientSampleId :
MH-M

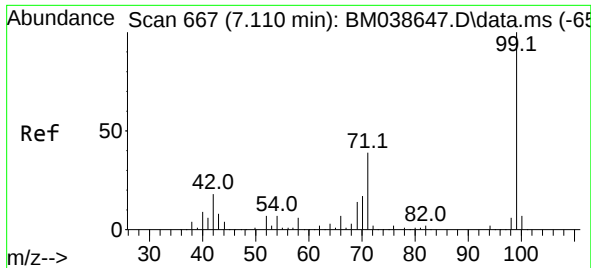
Tgt Ion:152 Resp: 40484
Ion Ratio Lower Upper
152 100
150 154.7 119.5 179.3
115 48.0 37.6 56.4



#5
2-Fluorophenol
Concen: 168.191 ng
RT: 5.469 min Scan# 388
Delta R.T. 0.012 min
Lab File: BM038756.D
Acq: 16 Feb 2023 14:17

Tgt Ion:112 Resp: 347594
Ion Ratio Lower Upper
112 100
64 41.6 37.9 56.9
63 26.1 23.3 34.9

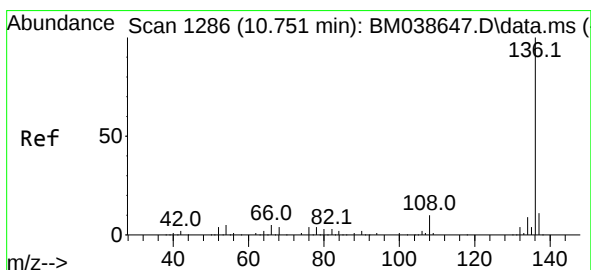
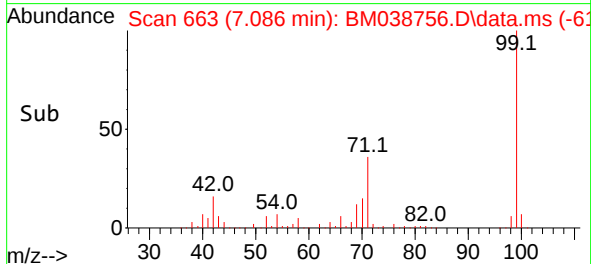
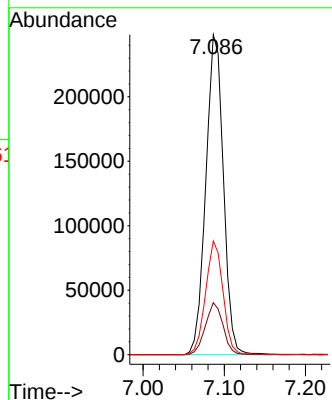
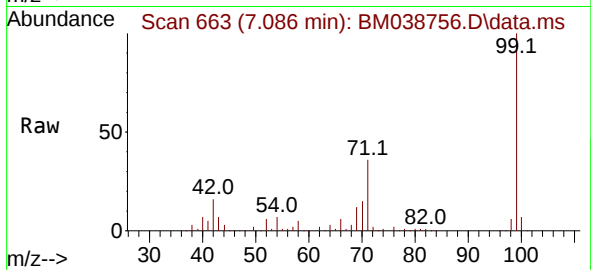




#7
Phenol-d6
Concen: 158.206 ng
RT: 7.086 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM038756.D
Acq: 16 Feb 2023 14:17

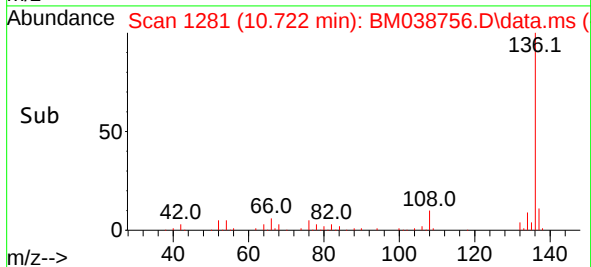
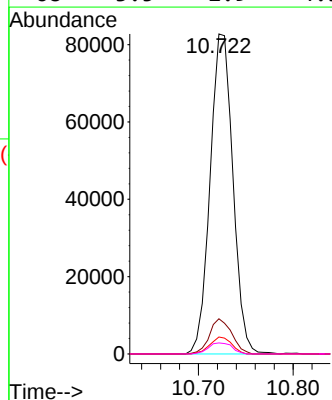
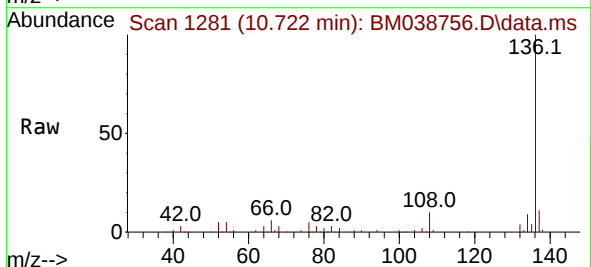
Instrument :
BNA_M
ClientSampleId :
MH-M

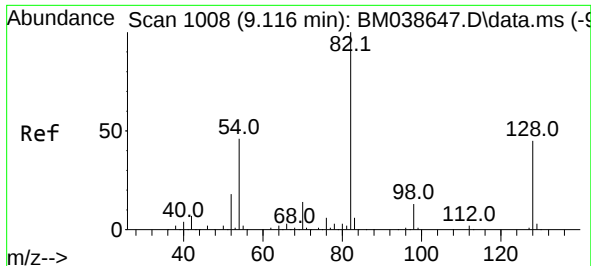
Tgt Ion: 99 Resp: 372904
Ion Ratio Lower Upper
99 100
42 16.3 14.6 22.0
71 35.6 31.0 46.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1281
Delta R.T. 0.012 min
Lab File: BM038756.D
Acq: 16 Feb 2023 14:17

Tgt Ion: 136 Resp: 138435
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 5.3 4.2 6.4
68 3.5 2.9 4.3

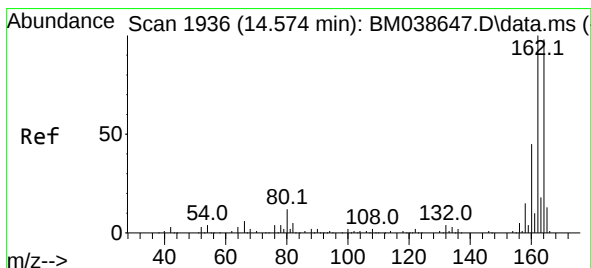
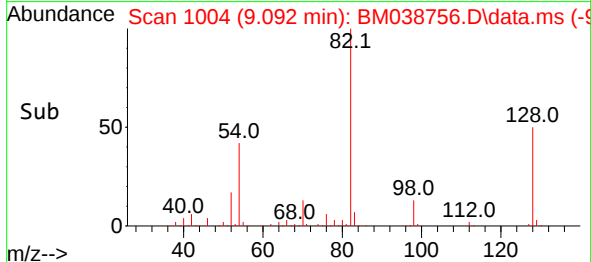
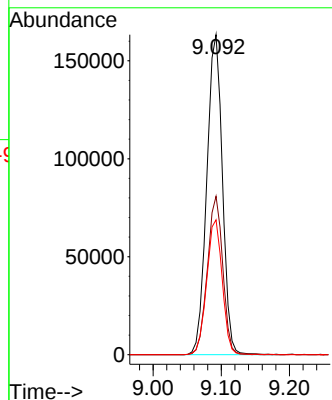
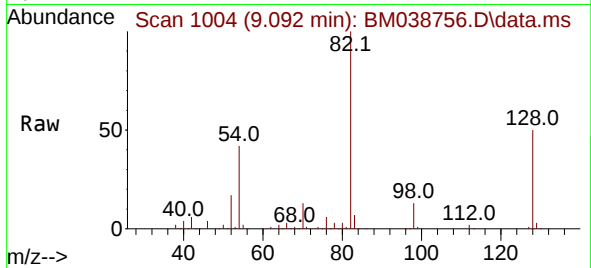




#23
Nitrobenzene-d5
Concen: 106.926 ng
RT: 9.092 min Scan# 1004
Delta R.T. 0.012 min
Lab File: BM038756.D
Acq: 16 Feb 2023 14:17

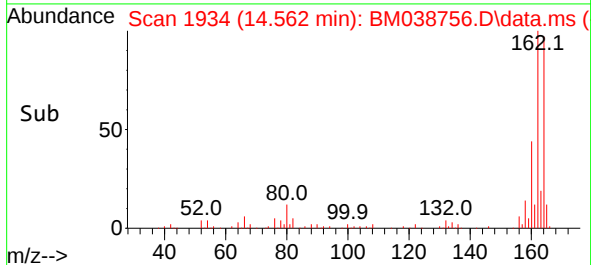
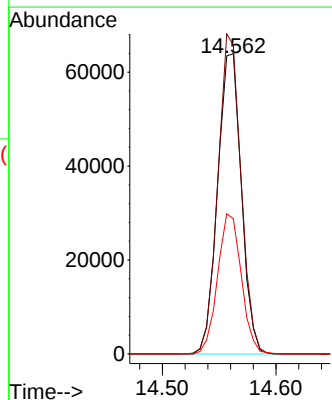
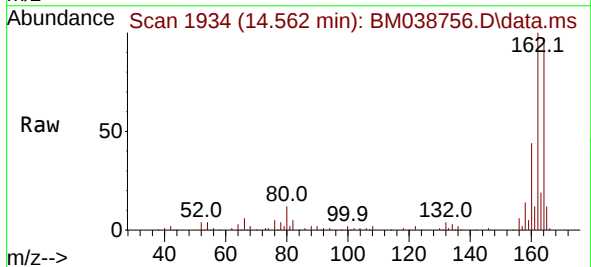
Instrument :
BNA_M
ClientSampleId :
MH-M

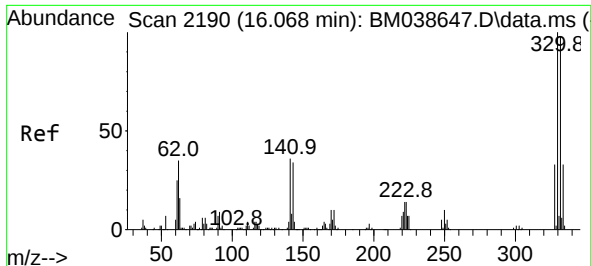
Tgt Ion: 82 Resp: 260601
Ion Ratio Lower Upper
82 100
128 49.5 36.0 54.0
54 42.1 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.562 min Scan# 1934
Delta R.T. 0.018 min
Lab File: BM038756.D
Acq: 16 Feb 2023 14:17

Tgt Ion: 164 Resp: 92889
Ion Ratio Lower Upper
164 100
162 102.8 81.4 122.0
160 45.0 36.5 54.7





#42

2,4,6-Tribromophenol

Concen: 185.693 ng

RT: 16.051 min Scan# 21

Delta R.T. 0.018 min

Lab File: BM038756.D

Acq: 16 Feb 2023 14:17

Instrument :

BNA_M

ClientSampleId :

MH-M

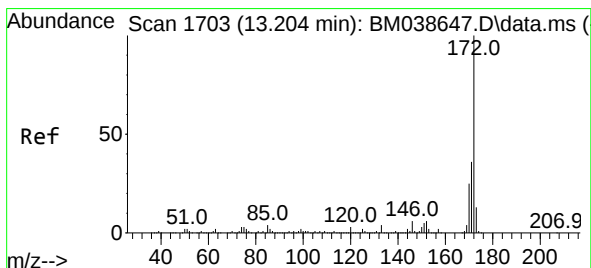
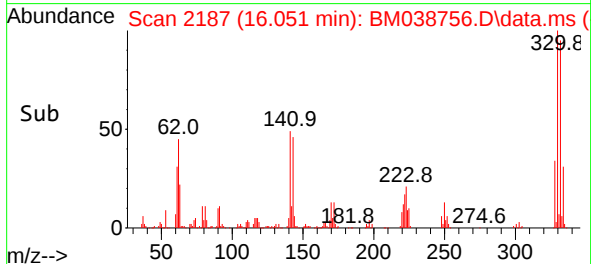
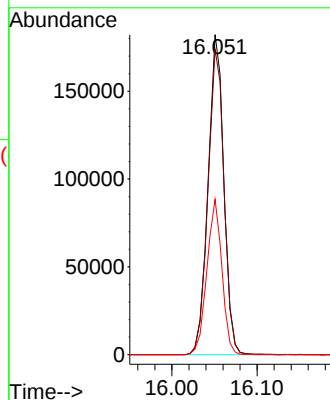
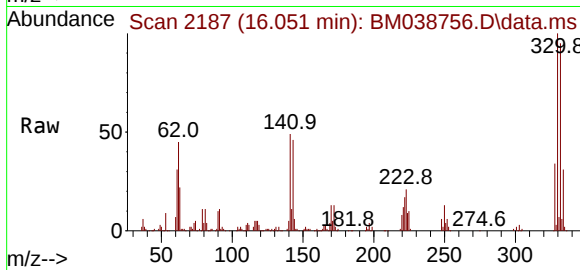
Tgt Ion:330 Resp: 234450

Ion Ratio Lower Upper

330 100

332 97.2 77.8 116.6

141 46.3 31.0 46.6



#45

2-Fluorobiphenyl

Concen: 104.479 ng

RT: 13.186 min Scan# 1700

Delta R.T. 0.018 min

Lab File: BM038756.D

Acq: 16 Feb 2023 14:17

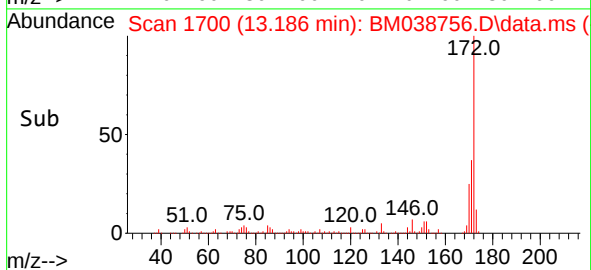
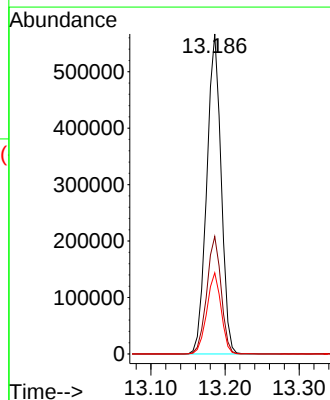
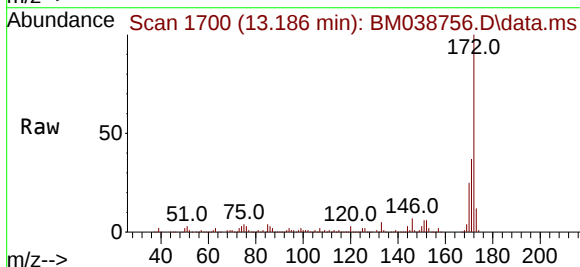
Tgt Ion:172 Resp: 762308

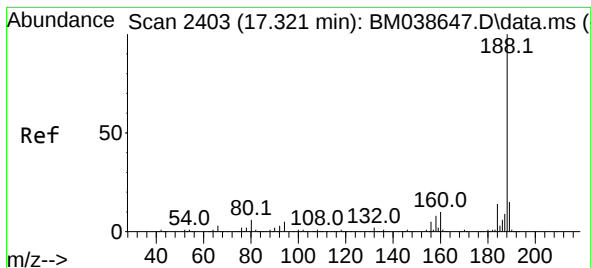
Ion Ratio Lower Upper

172 100

171 36.7 28.7 43.1

170 25.4 20.0 30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.303 min Scan# 2403

Delta R.T. 0.018 min

Lab File: BM038756.D

Acq: 16 Feb 2023 14:17

Instrument :

BNA_M

ClientSampleId :

MH-M

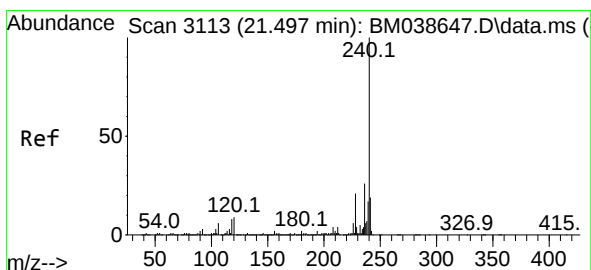
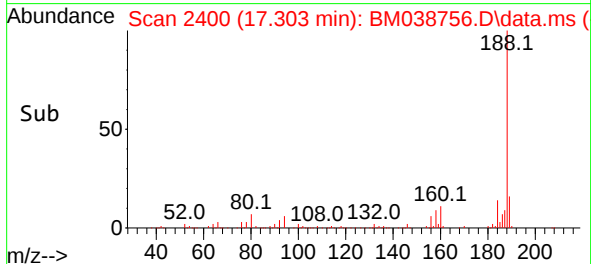
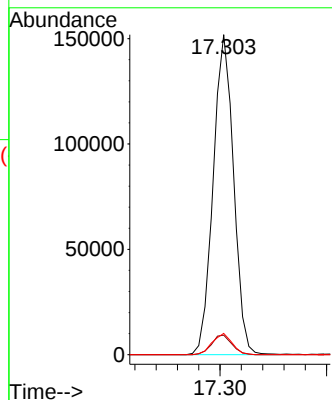
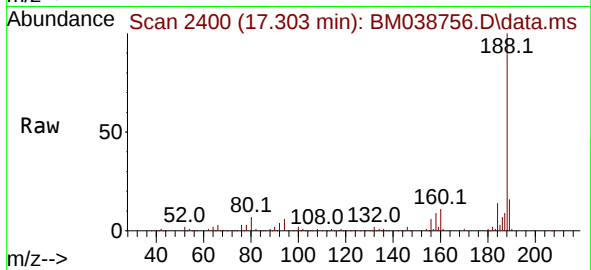
Tgt Ion:188 Resp: 201776

Ion Ratio Lower Upper

188 100

94 6.1 4.2 6.4

80 6.7 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: BM038756.D

Acq: 16 Feb 2023 14:17

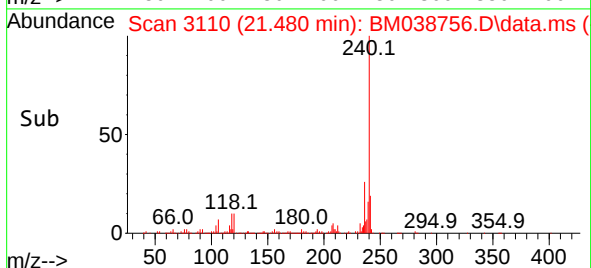
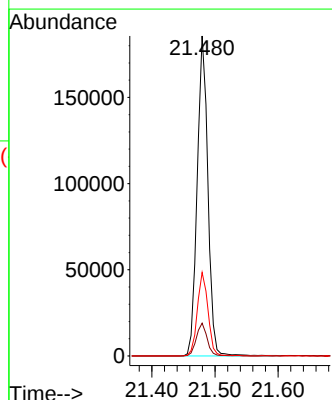
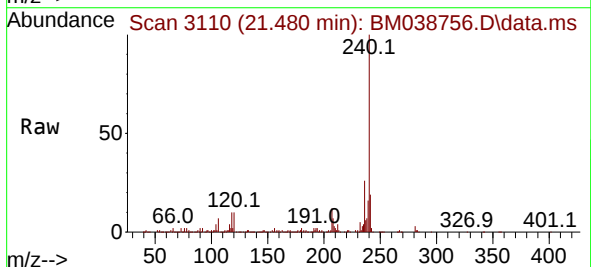
Tgt Ion:240 Resp: 218302

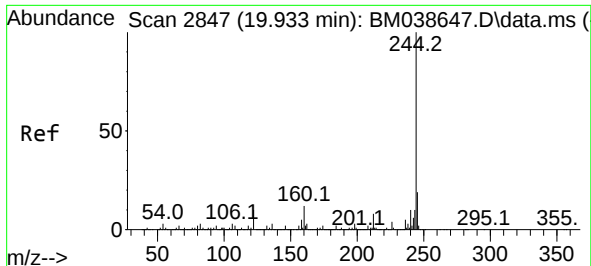
Ion Ratio Lower Upper

240 100

120 10.3 7.0 10.4

236 26.1 20.9 31.3

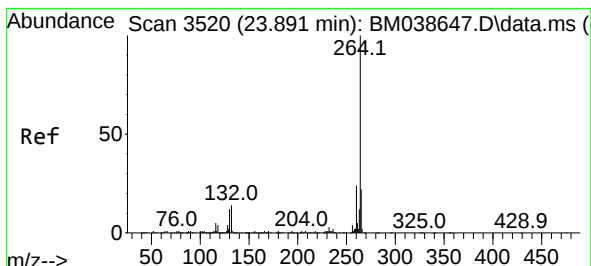
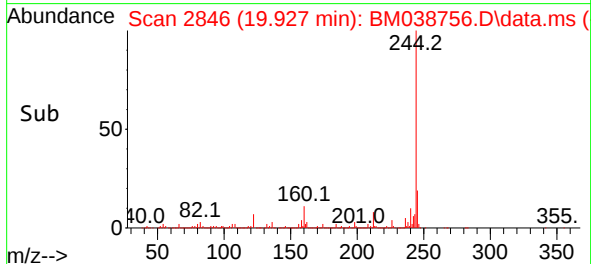
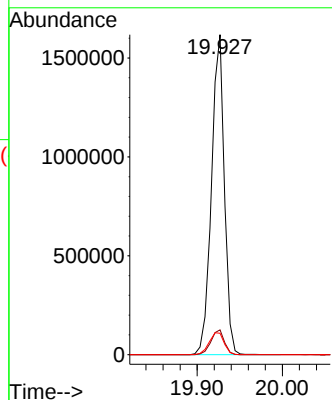
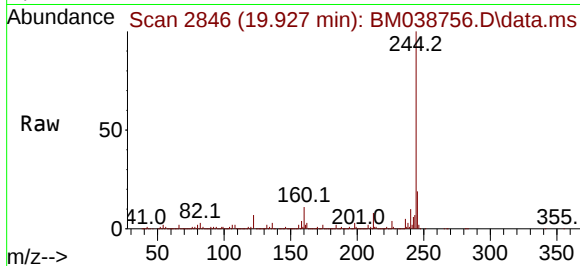




#79
 Terphenyl-d14
 Concen: 137.226 ng
 RT: 19.927 min Scan# 21
 Delta R.T. 0.023 min
 Lab File: BM038756.D
 Acq: 16 Feb 2023 14:17

Instrument :
 BNA_M
 ClientSampleId :
 MH-M

Tgt Ion:244 Resp: 1697586
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.6 9.8
 122 6.7 7.8 11.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.868 min Scan# 3516
 Delta R.T. 0.029 min
 Lab File: BM038756.D
 Acq: 16 Feb 2023 14:17

Tgt Ion:264 Resp: 301370
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.6 29.4
 265 22.1 17.9 26.9

