

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021623\
 Data File : BM038755.D
 Acq On : 16 Feb 2023 13:16
 Operator : CG/JU
 Sample : PB150847TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB150847TB

Quant Time: Feb 17 06:28:25 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	43279	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	144598	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	83635	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	151861	20.000	ng	0.00
76) Chrysene-d12	21.480	240	114899	20.000	ng	0.00
86) Perylene-d12	23.868	264	158993	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	372574	168.636	ng	0.00
7) Phenol-d6	7.093	99	415841	165.029	ng	0.00
23) Nitrobenzene-d5	9.092	82	236541	92.917	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	153088	134.668	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	647212	98.519	ng	0.00
79) Terphenyl-d14	19.921	244	759246	116.608	ng	0.00

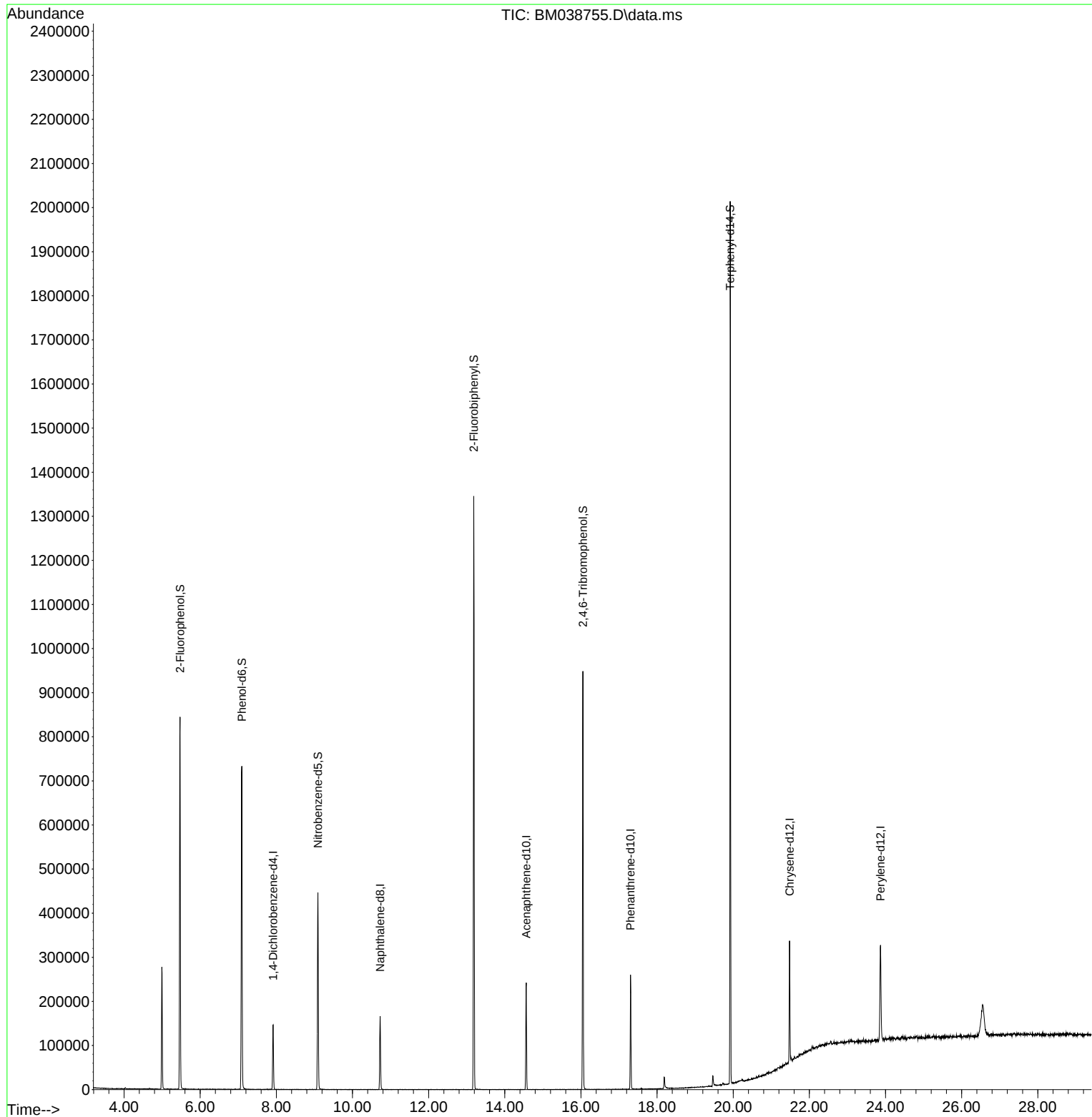
Target Compounds	Qvalue

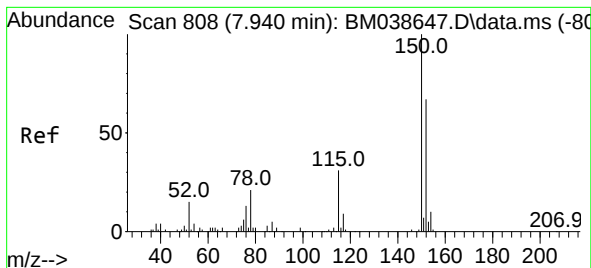
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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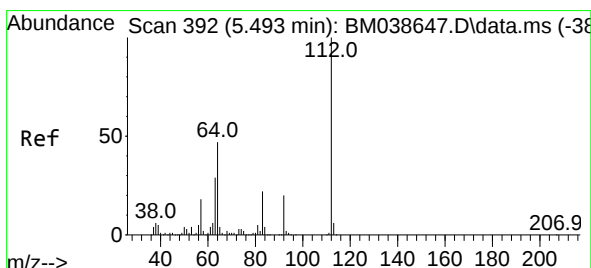
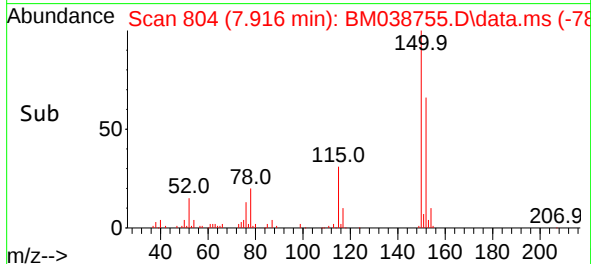
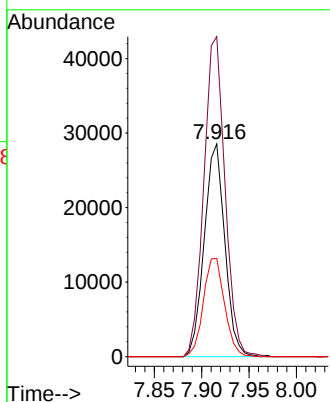
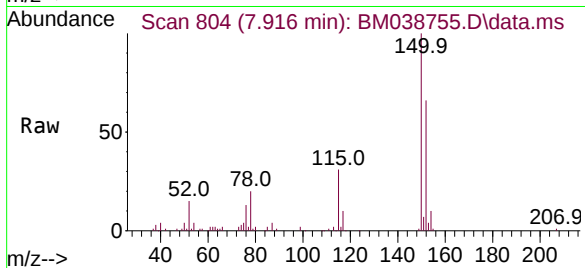




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.916 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM038755.D
Acq: 16 Feb 2023 13:16

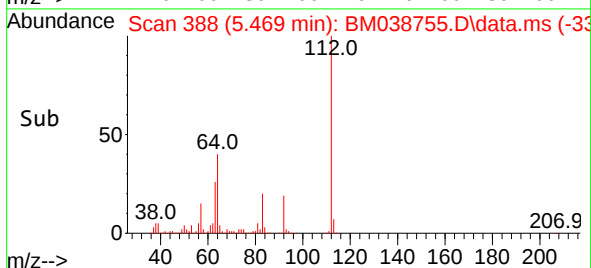
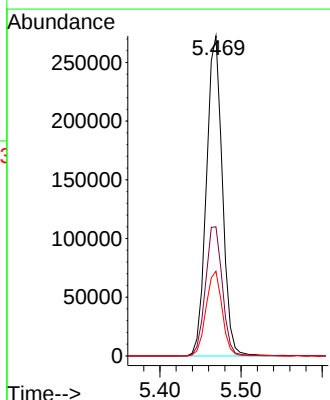
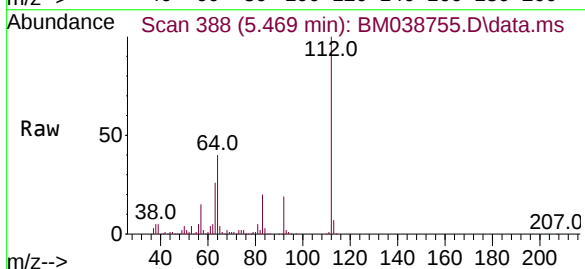
Instrument :
BNA_M
ClientSampleId :
PB150847TB

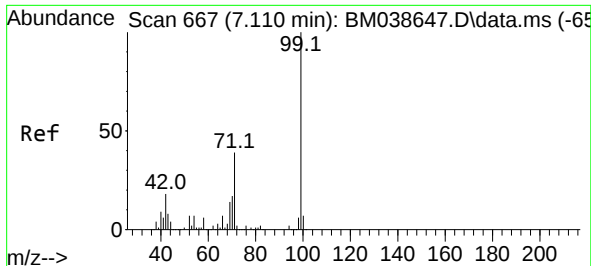
Tgt Ion:152 Resp: 43279
Ion Ratio Lower Upper
152 100
150 150.4 119.5 179.3
115 46.1 37.6 56.4



#5
2-Fluorophenol
Concen: 168.636 ng
RT: 5.469 min Scan# 388
Delta R.T. 0.006 min
Lab File: BM038755.D
Acq: 16 Feb 2023 13:16

Tgt Ion:112 Resp: 372574
Ion Ratio Lower Upper
112 100
64 40.3 37.9 56.9
63 26.4 23.3 34.9

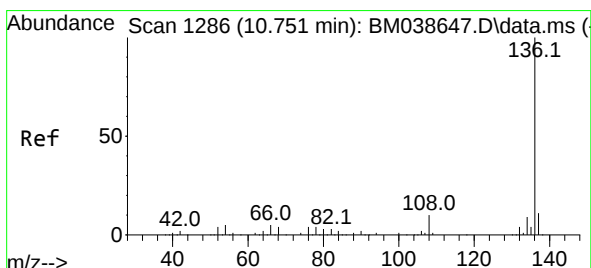
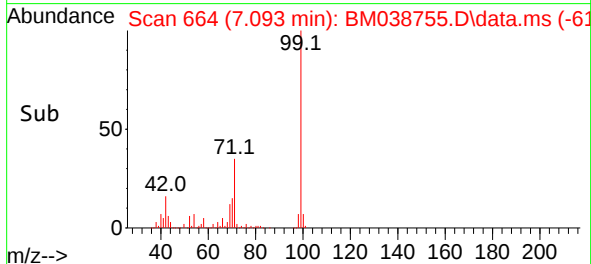
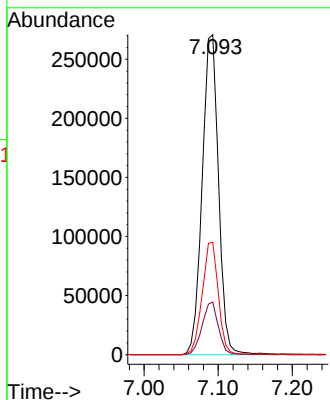
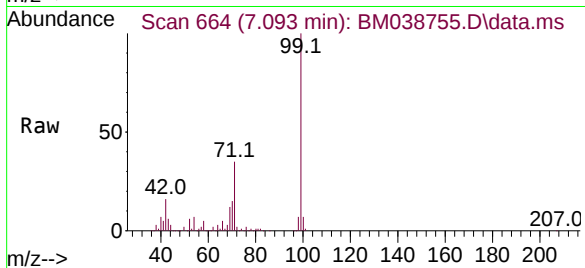




#7
Phenol-d6
Concen: 165.029 ng
RT: 7.093 min Scan# 60
Delta R.T. 0.006 min
Lab File: BM038755.D
Acq: 16 Feb 2023 13:16

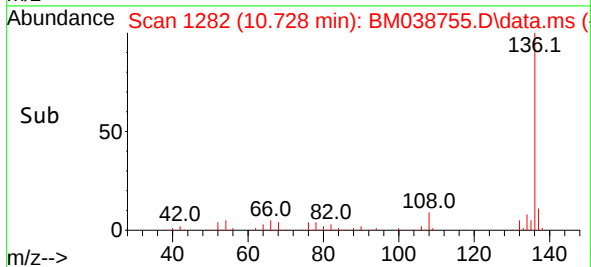
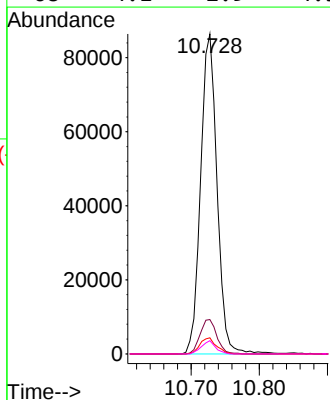
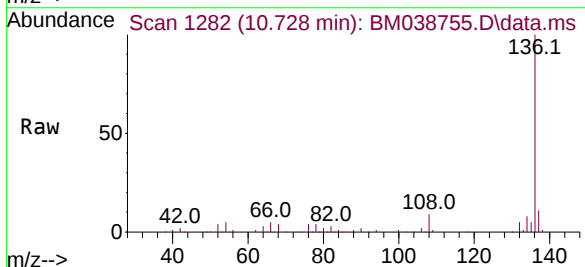
Instrument :
BNA_M
ClientSampleId :
PB150847TB

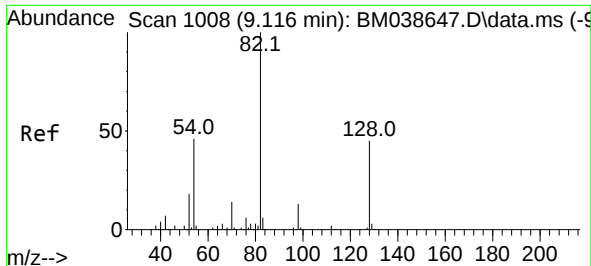
Tgt Ion: 99 Resp: 415841
Ion Ratio Lower Upper
99 100
42 16.4 14.6 22.0
71 35.1 31.0 46.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BM038755.D
Acq: 16 Feb 2023 13:16

Tgt Ion: 136 Resp: 144598
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 5.0 4.2 6.4
68 4.1 2.9 4.3

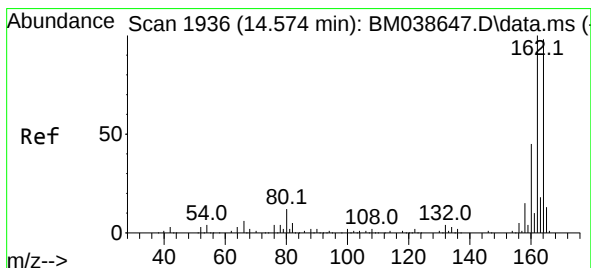
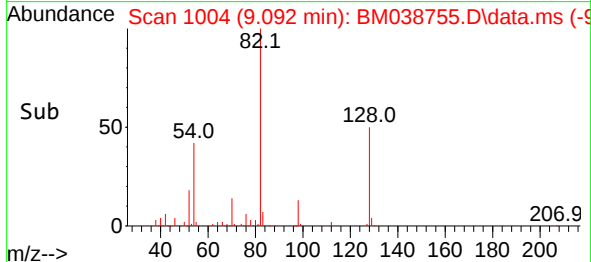
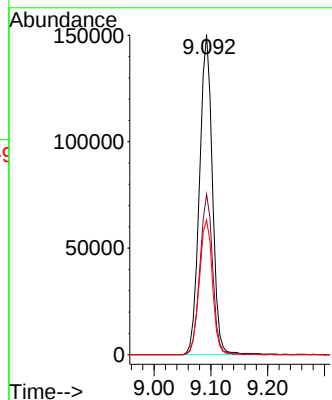
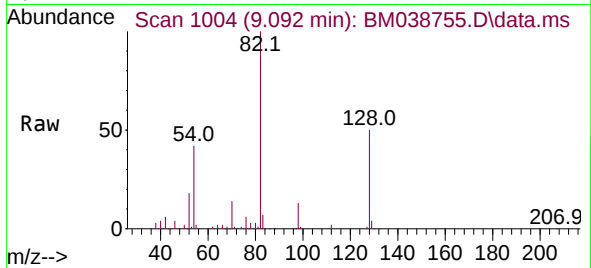




#23
Nitrobenzene-d5
Concen: 92.917 ng
RT: 9.092 min Scan# 1004
Delta R.T. -0.000 min
Lab File: BM038755.D
Acq: 16 Feb 2023 13:16

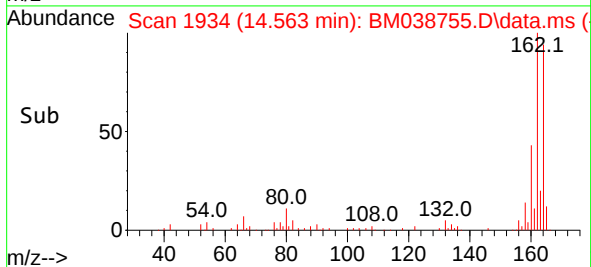
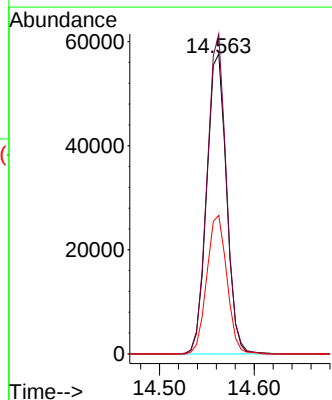
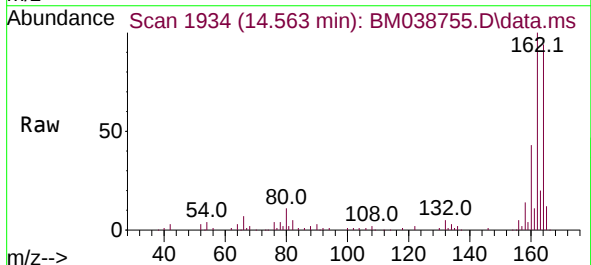
Instrument :
BNA_M
ClientSampleId :
PB150847TB

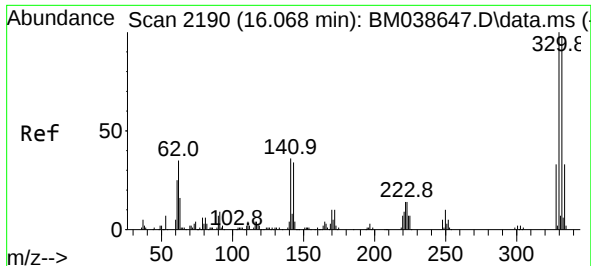
Tgt Ion: 82 Resp: 236541
Ion Ratio Lower Upper
82 100
128 50.1 36.0 54.0
54 42.0 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BM038755.D
Acq: 16 Feb 2023 13:16

Tgt Ion: 164 Resp: 83635
Ion Ratio Lower Upper
164 100
162 106.7 81.4 122.0
160 46.2 36.5 54.7

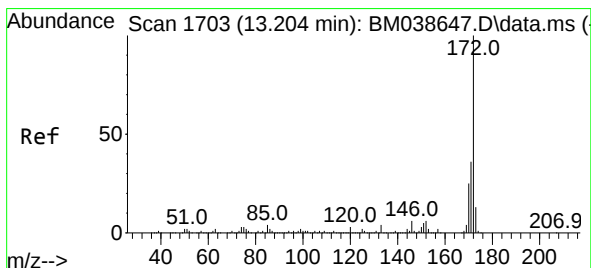
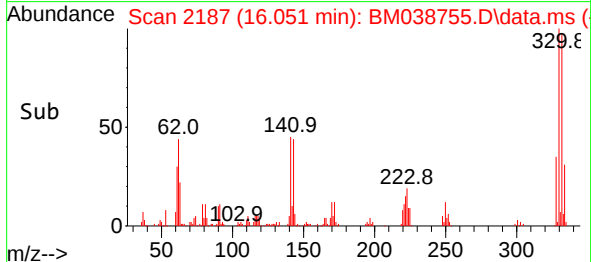
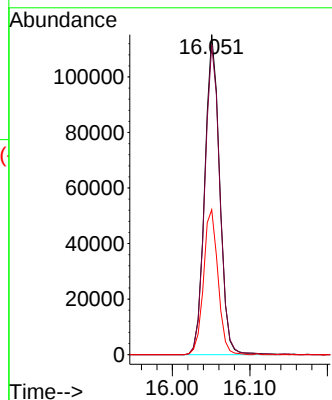
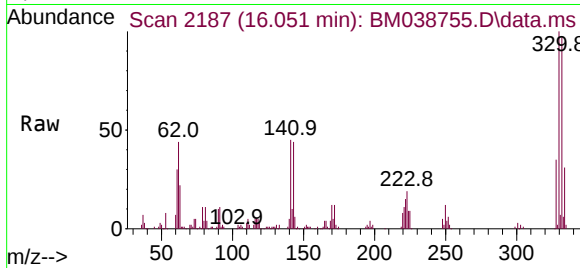




#42
2,4,6-Tribromophenol
Concen: 134.668 ng
RT: 16.051 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM038755.D
Acq: 16 Feb 2023 13:16

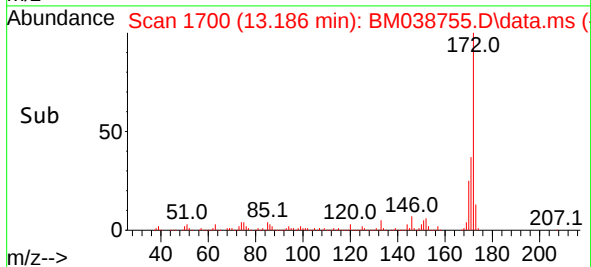
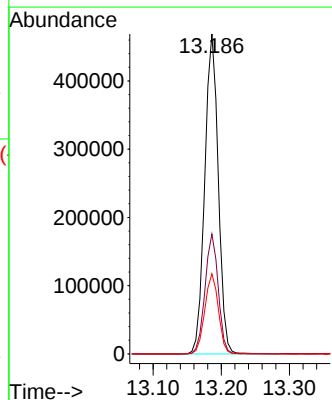
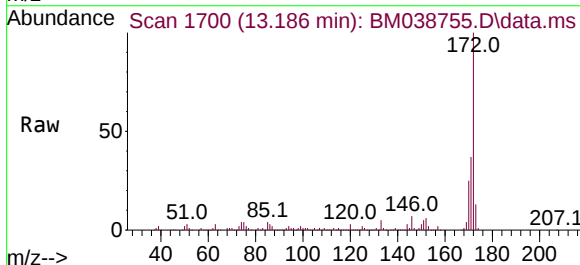
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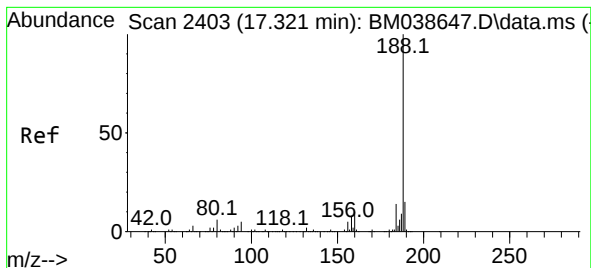
Tgt Ion:330 Resp: 153088
Ion Ratio Lower Upper
330 100
332 97.9 77.8 116.6
141 43.9 31.0 46.6



#45
2-Fluorobiphenyl
Concen: 98.519 ng
RT: 13.186 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BM038755.D
Acq: 16 Feb 2023 13:16

Tgt Ion:172 Resp: 647212
Ion Ratio Lower Upper
172 100
171 37.5 28.7 43.1
170 25.0 20.0 30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.304 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM038755.D

Acq: 16 Feb 2023 13:16

Instrument :

BNA_M

ClientSampleId :

PB150847TB

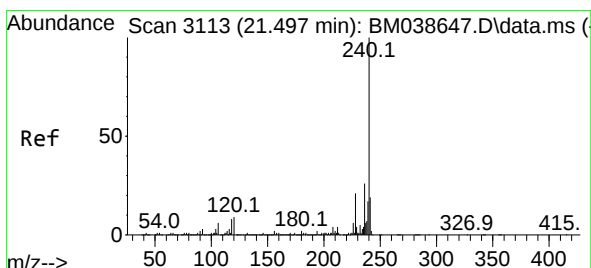
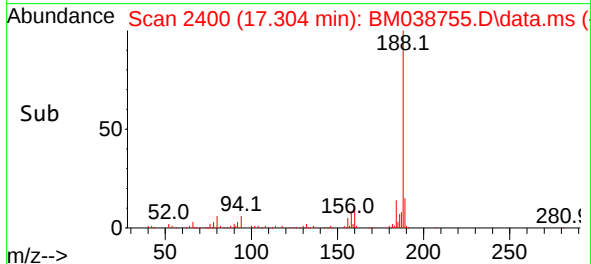
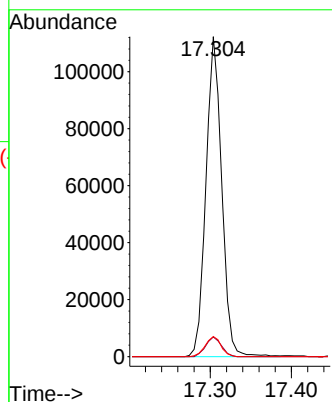
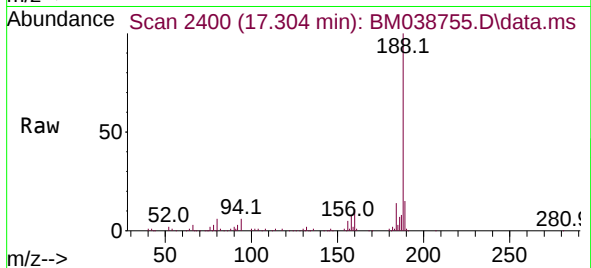
Tgt Ion:188 Resp: 151861

Ion Ratio Lower Upper

188 100

94 6.1 4.2 6.4

80 6.3 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: BM038755.D

Acq: 16 Feb 2023 13:16

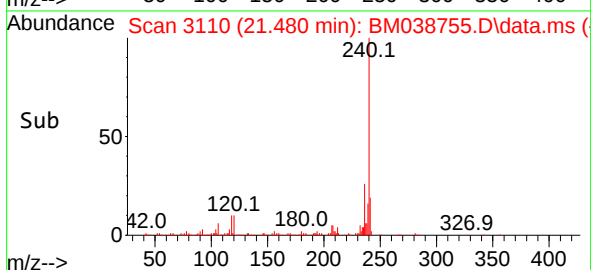
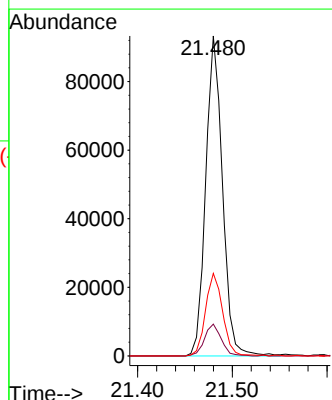
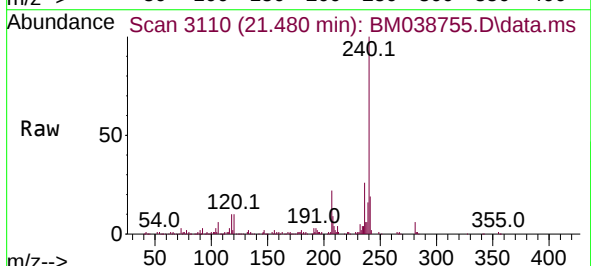
Tgt Ion:240 Resp: 114899

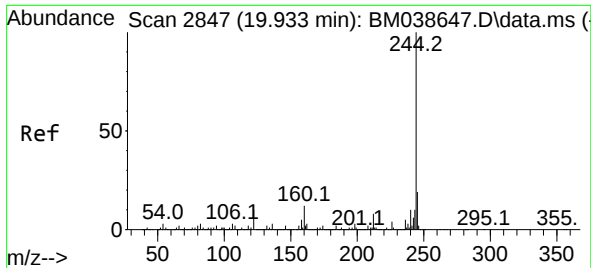
Ion Ratio Lower Upper

240 100

120 9.9 7.0 10.4

236 25.8 20.9 31.3

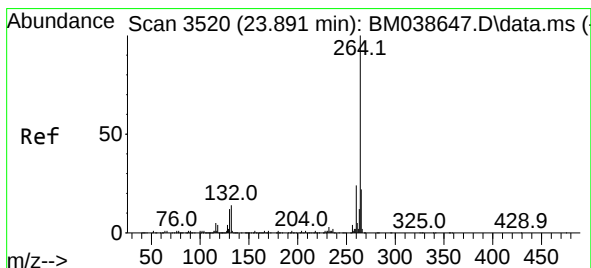
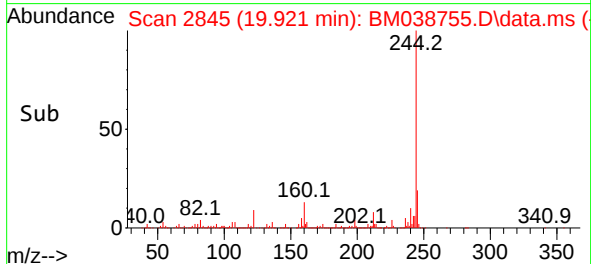
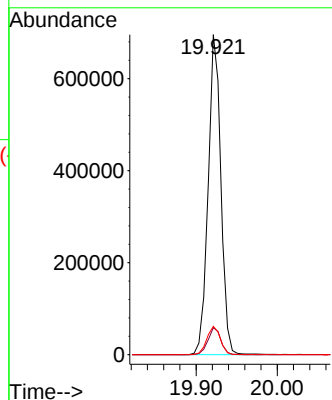
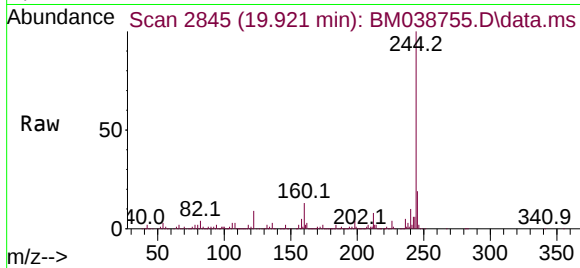




#79
 Terphenyl-d14
 Concen: 116.608 ng
 RT: 19.921 min Scan# 2845
 Delta R.T. -0.000 min
 Lab File: BM038755.D
 Acq: 16 Feb 2023 13:16

Instrument :
 BNA_M
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 PB150847TB

Tgt Ion:244 Resp: 759246
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.6 9.8
 122 8.8 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.868 min Scan# 3516
 Delta R.T. -0.000 min
 Lab File: BM038755.D
 Acq: 16 Feb 2023 13:16

Tgt Ion:264 Resp: 158993
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.6 29.4
 265 22.7 17.9 26.9

