

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020123\
 Data File : BM038652.D
 Acq On : 01 Feb 2023 21:31
 Operator : CG/JU
 Sample : PB150556TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB150609TB

Quant Time: Feb 02 03:55:07 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	7.939	152	64579	20.000	ng	0.00
21) Naphthalene-d8	10.745	136	198639	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	125376	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	227953	20.000	ng	0.00
76) Chrysene-d12	21.491	240	156002	20.000	ng	0.00
86) Perylene-d12	23.891	264	197909	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	481688	146.113	ng	0.00
7) Phenol-d6	7.110	99	523742	139.295	ng	0.00
23) Nitrobenzene-d5	9.116	82	323371	92.467	ng	0.00
42) 2,4,6-Tribromophenol	16.062	330	224217	131.572	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	919793	93.398	ng	0.00
79) Terphenyl-d14	19.933	244	901952	102.027	ng	0.00

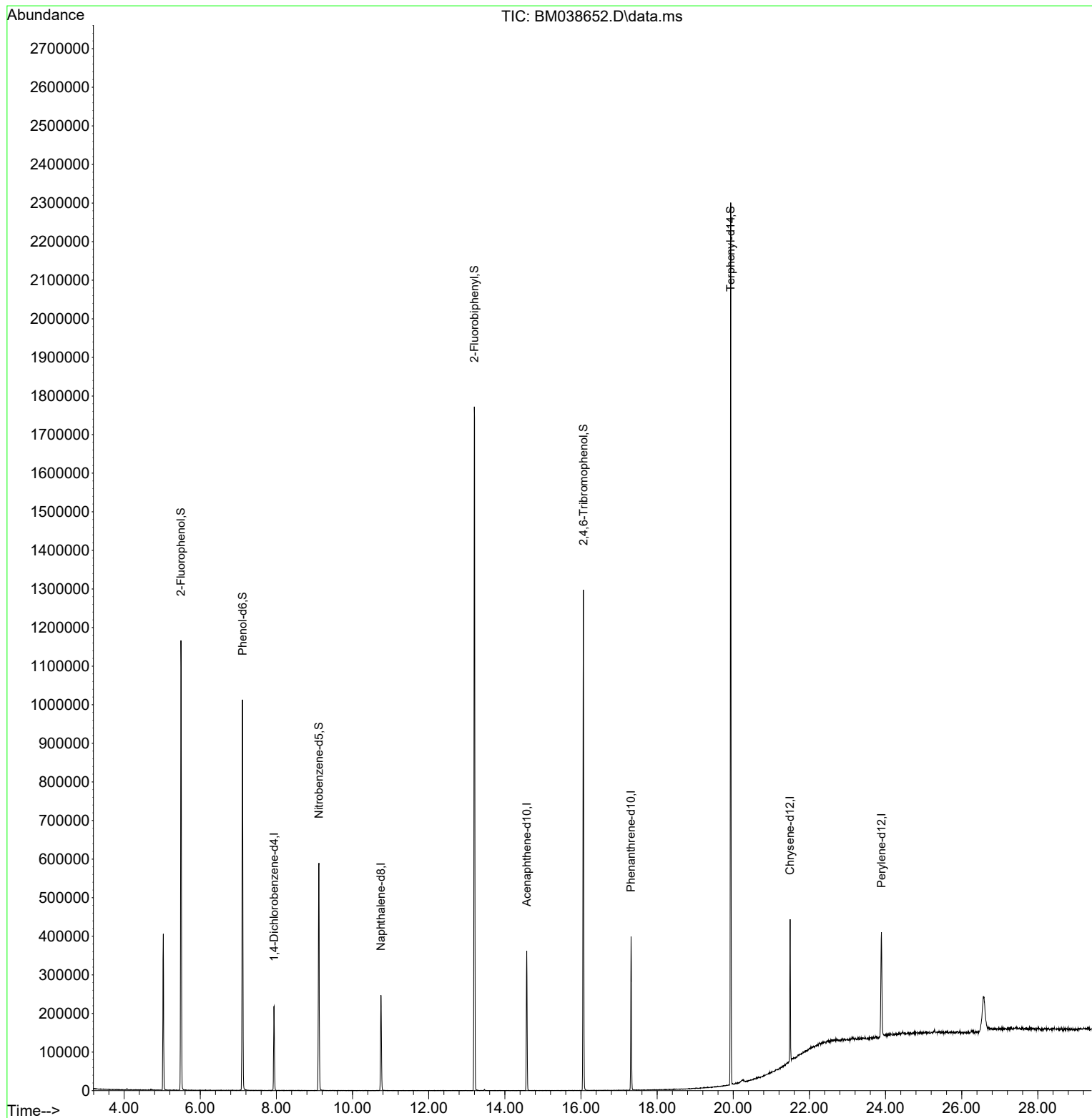
Target Compounds	Qvalue

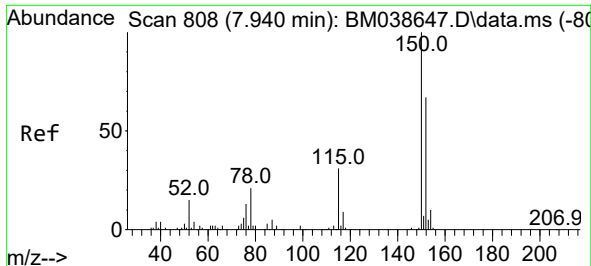
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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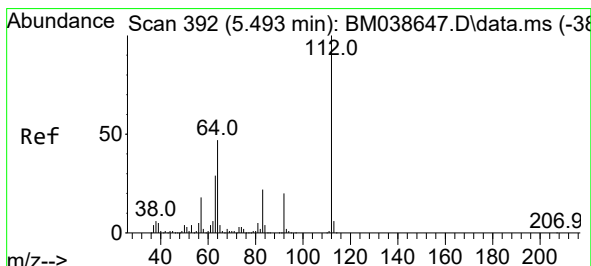
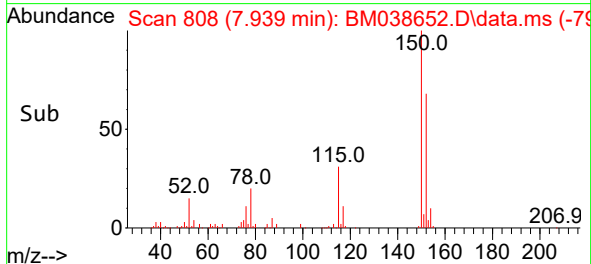
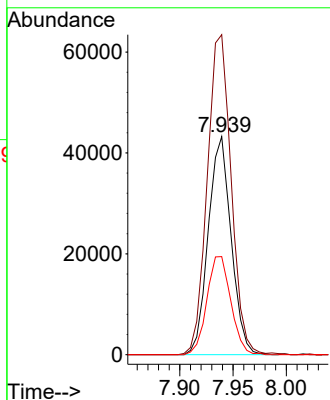
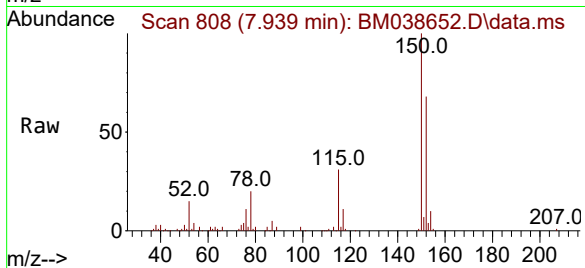




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.939 min Scan# 808
Delta R.T. -0.001 min
Lab File: BM038652.D
Acq: 01 Feb 2023 21:31

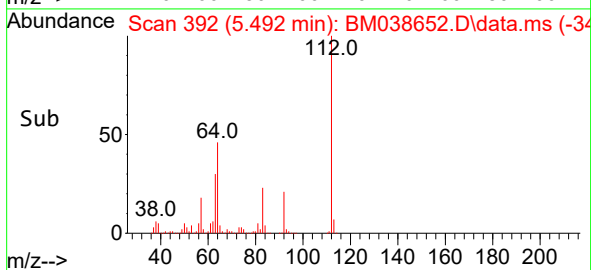
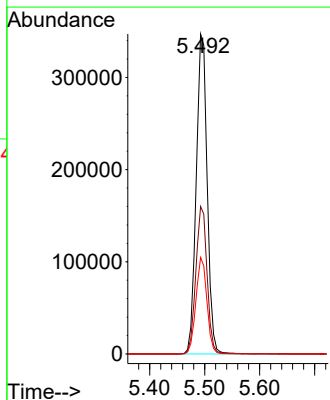
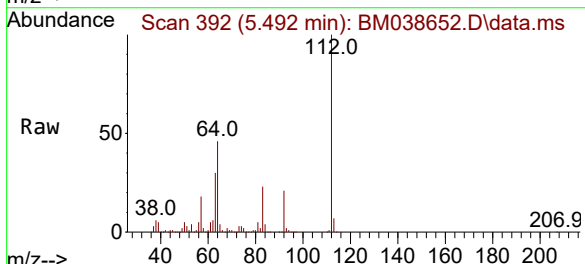
Instrument :
BNA_M
ClientSampleId :
PB150609TB

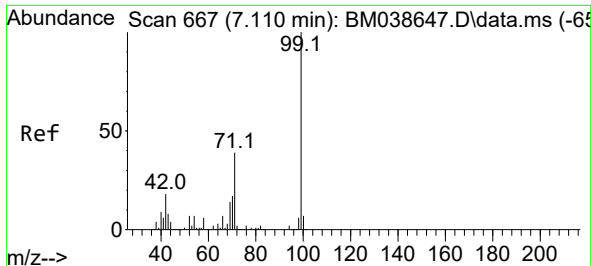
Tgt Ion:152 Resp: 64579
Ion Ratio Lower Upper
152 100
150 146.8 119.5 179.3
115 45.0 37.6 56.4



#5
2-Fluorophenol
Concen: 146.113 ng
RT: 5.492 min Scan# 392
Delta R.T. -0.000 min
Lab File: BM038652.D
Acq: 01 Feb 2023 21:31

Tgt Ion:112 Resp: 481688
Ion Ratio Lower Upper
112 100
64 46.1 37.9 56.9
63 30.1 23.3 34.9

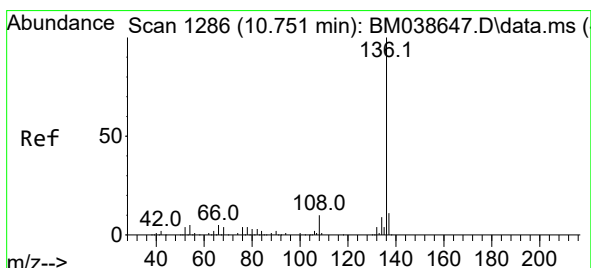
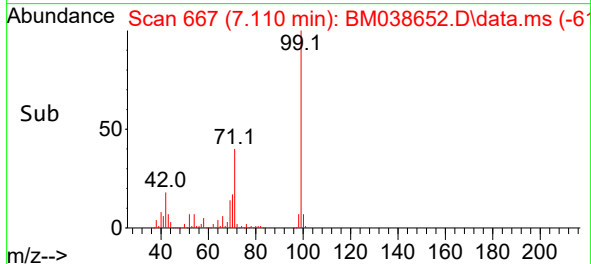
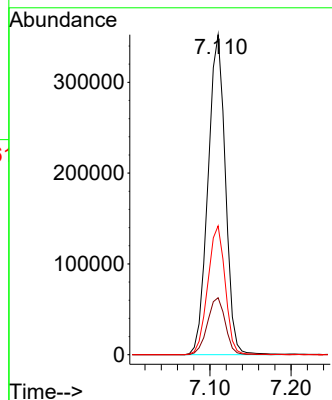
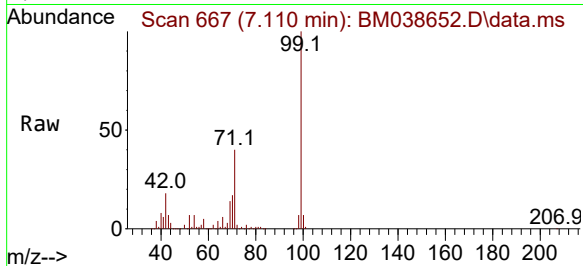




#7
Phenol-d6
Concen: 139.295 ng
RT: 7.110 min Scan# 60
Delta R.T. -0.000 min
Lab File: BM038652.D
Acq: 01 Feb 2023 21:31

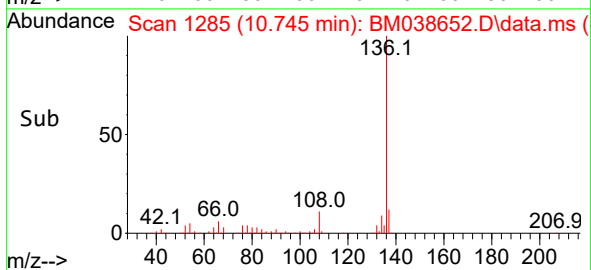
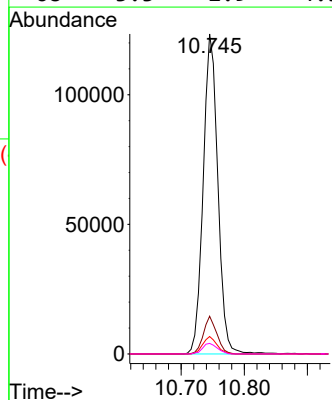
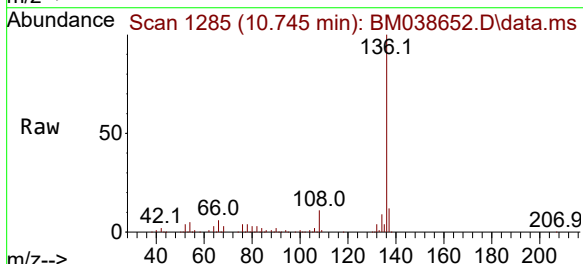
Instrument :
BNA_M
ClientSampleId :
PB150609TB

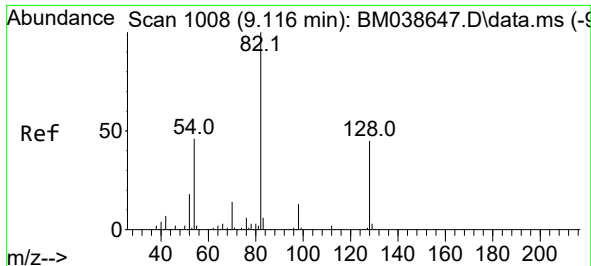
Tgt Ion: 99 Resp: 523742
Ion Ratio Lower Upper
99 100
42 17.8 14.6 22.0
71 40.2 31.0 46.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.745 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BM038652.D
Acq: 01 Feb 2023 21:31

Tgt Ion:136 Resp: 198639
Ion Ratio Lower Upper
136 100
137 11.8 8.8 13.2
54 5.5 4.2 6.4
68 3.3 2.9 4.3

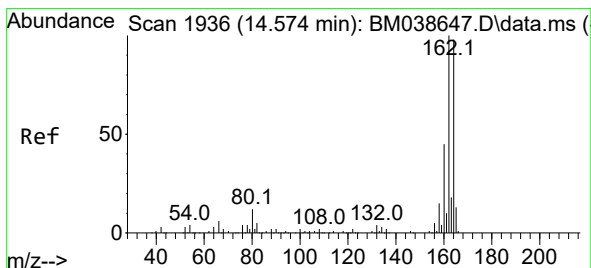
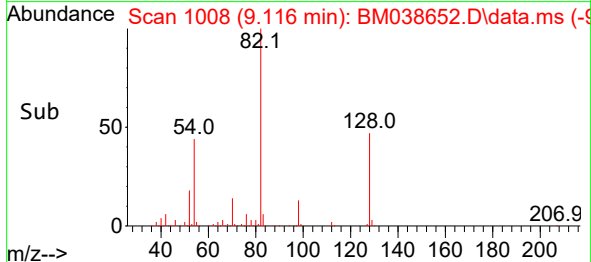
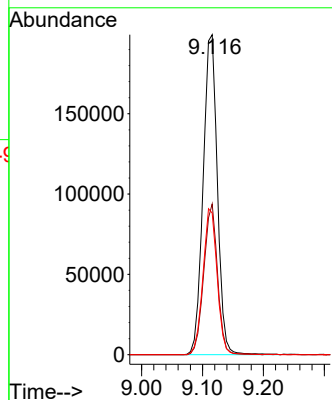
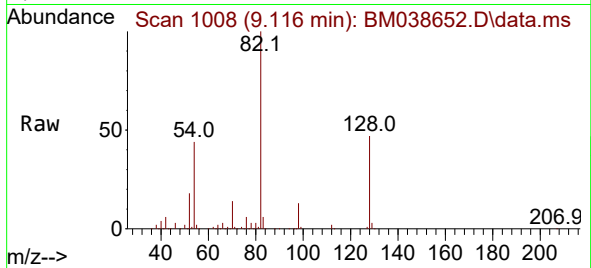




#23
Nitrobenzene-d5
Concen: 92.467 ng
RT: 9.116 min Scan# 1008
Delta R.T. -0.000 min
Lab File: BM038652.D
Acq: 01 Feb 2023 21:31

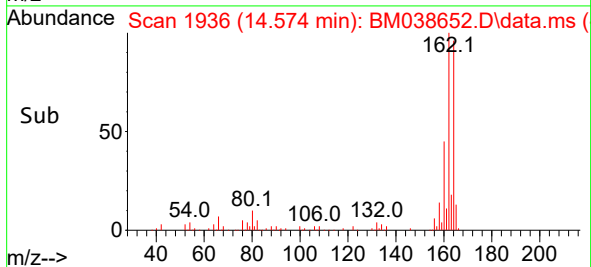
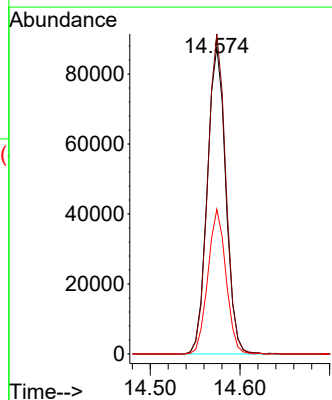
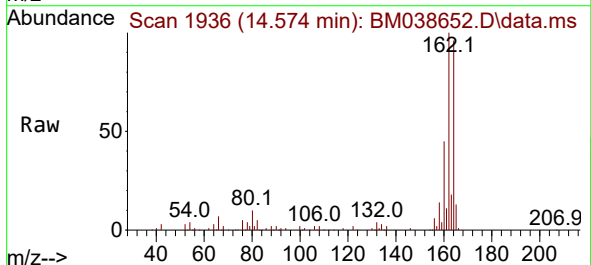
Instrument :
BNA_M
ClientSampleId :
PB150609TB

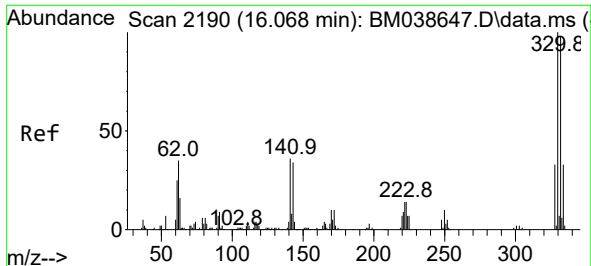
Tgt Ion: 82 Resp: 323371
Ion Ratio Lower Upper
82 100
128 47.1 36.0 54.0
54 44.2 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BM038652.D
Acq: 01 Feb 2023 21:31

Tgt Ion: 164 Resp: 125376
Ion Ratio Lower Upper
164 100
162 104.2 81.4 122.0
160 47.1 36.5 54.7

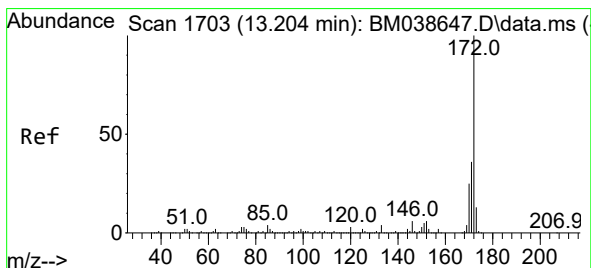
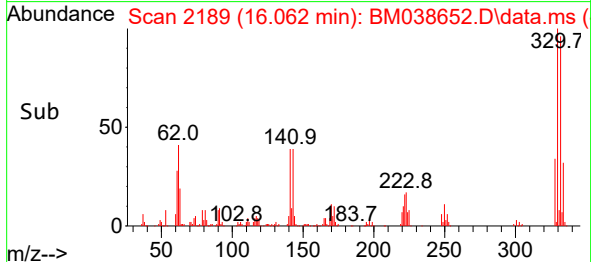
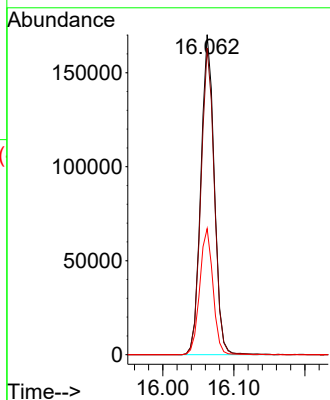
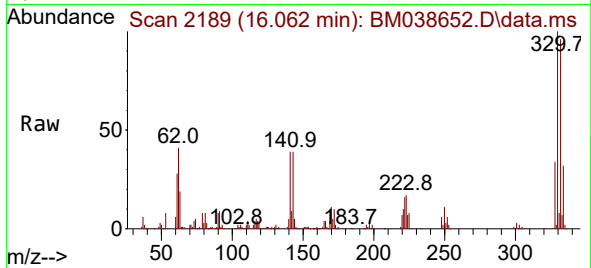




#42
2,4,6-Tribromophenol
Concen: 131.572 ng
RT: 16.062 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BM038652.D
Acq: 01 Feb 2023 21:31

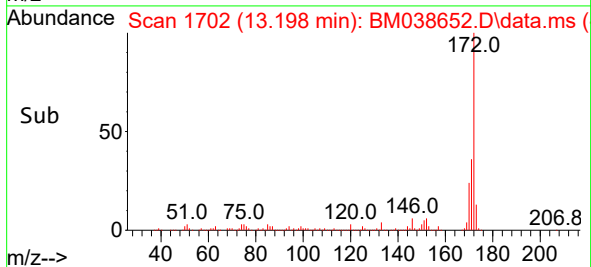
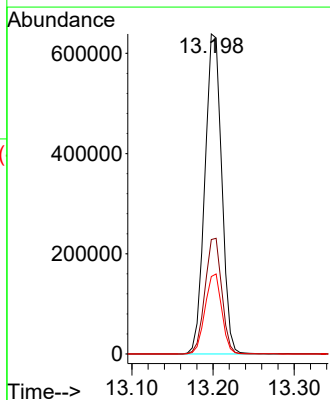
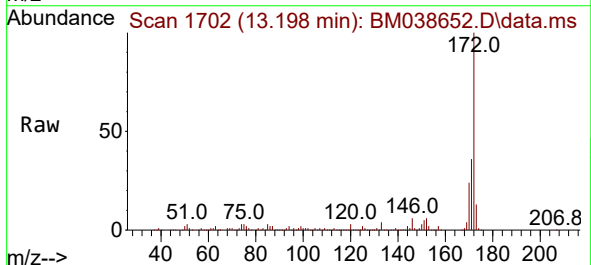
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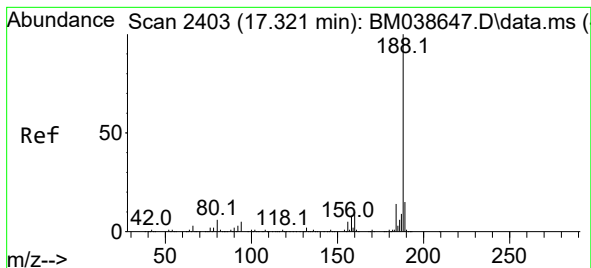
Tgt Ion:330 Resp: 224217
Ion Ratio Lower Upper
330 100
332 95.7 77.8 116.6
141 38.8 31.0 46.6



#45
2-Fluorobiphenyl
Concen: 93.398 ng
RT: 13.198 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BM038652.D
Acq: 01 Feb 2023 21:31

Tgt Ion:172 Resp: 919793
Ion Ratio Lower Upper
172 100
171 35.8 28.7 43.1
170 24.2 20.0 30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.315 min Scan# 2402

Delta R.T. -0.006 min

Lab File: BM038652.D

Acq: 01 Feb 2023 21:31

Instrument :

BNA_M

ClientSampleId :

PB150609TB

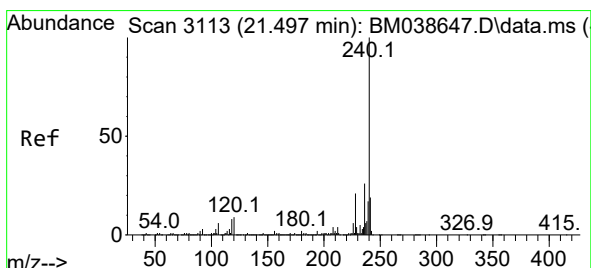
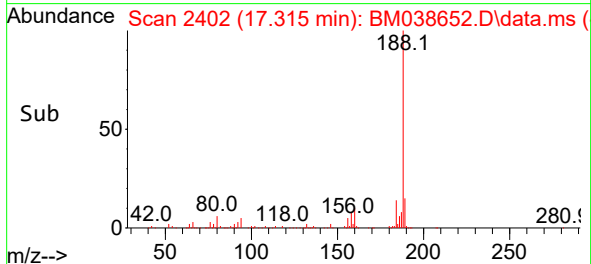
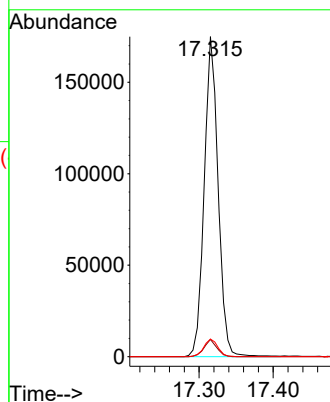
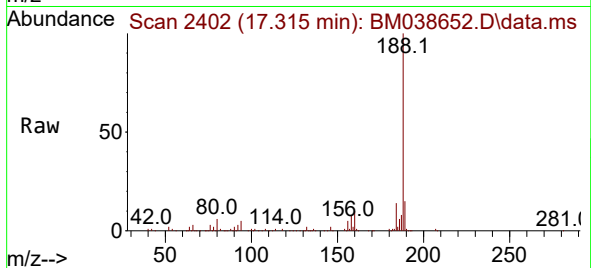
Tgt Ion:188 Resp: 227953

Ion Ratio Lower Upper

188 100

94 5.4 4.2 6.4

80 5.5 4.6 7.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.491 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BM038652.D

Acq: 01 Feb 2023 21:31

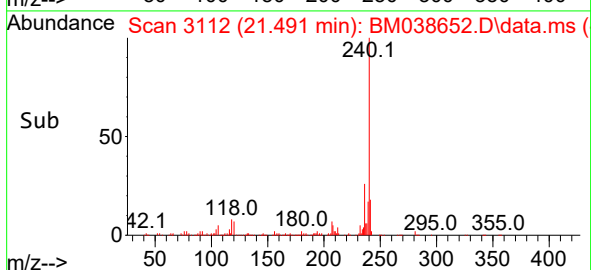
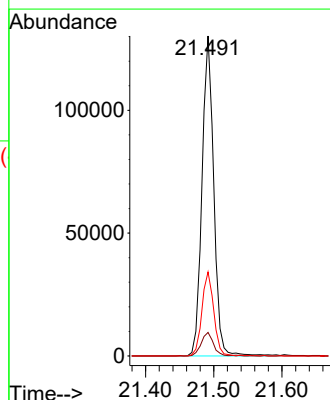
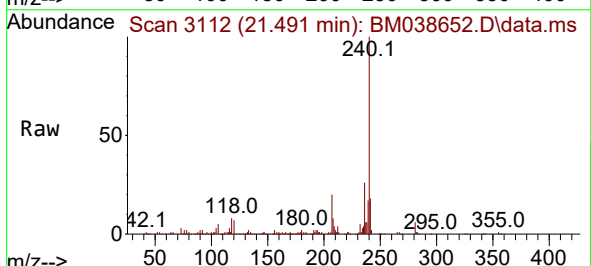
Tgt Ion:240 Resp: 156002

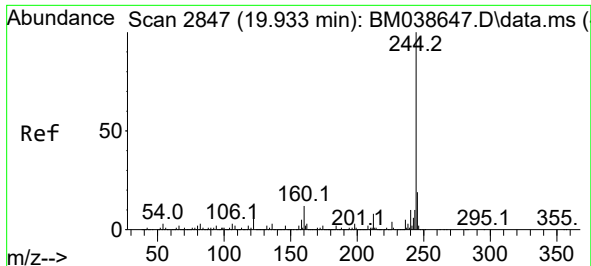
Ion Ratio Lower Upper

240 100

120 7.4 7.0 10.4

236 26.3 20.9 31.3

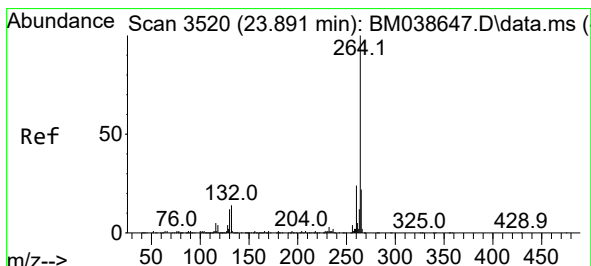
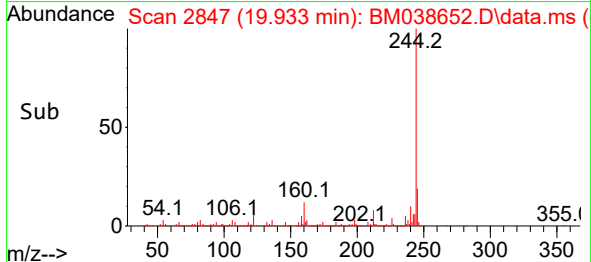
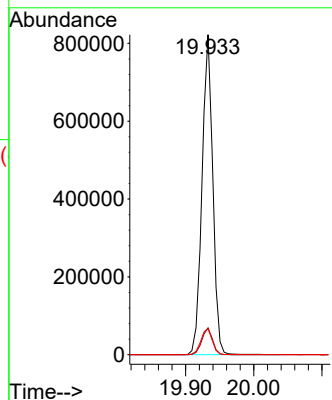
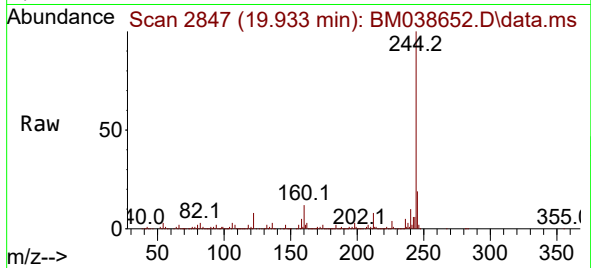




#79
 Terphenyl-d14
 Concen: 102.027 ng
 RT: 19.933 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM038652.D
 Acq: 01 Feb 2023 21:31

Instrument :
 BNA_M
 ClientSampleId :
 PB150609TB

Tgt Ion:244 Resp: 901952
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.6 9.8
 122 8.2 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.891 min Scan# 3520
 Delta R.T. -0.000 min
 Lab File: BM038652.D
 Acq: 01 Feb 2023 21:31

Tgt Ion:264 Resp: 197909
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.6 29.4
 265 23.4 17.9 26.9

