

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060823\
 Data File : BM040171.D
 Acq On : 08 Jun 2023 23:57
 Operator : MA/JU
 Sample : 03074-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GT-06

Quant Time: Jun 09 02:25:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 08 23:25:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	217520	20.000	ng	0.00
21) Naphthalene-d8	10.798	136	927233	20.000	ng	0.00
39) Acenaphthene-d10	14.627	164	508897	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	1099212	20.000	ng	0.00
76) Chrysene-d12	21.544	240	990811	20.000	ng	0.00
86) Perylene-d12	23.980	264	1191391	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1483309	101.821	ng	0.00
7) Phenol-d6	7.145	99	1931387	97.161	ng	0.00
23) Nitrobenzene-d5	9.151	82	1011105	59.022	ng	0.00
42) 2,4,6-Tribromophenol	16.110	330	642010	83.850	ng	0.00
45) 2-Fluorobiphenyl	13.251	172	2439441	63.357	ng	0.00
79) Terphenyl-d14	19.986	244	4442207	82.647	ng	0.00

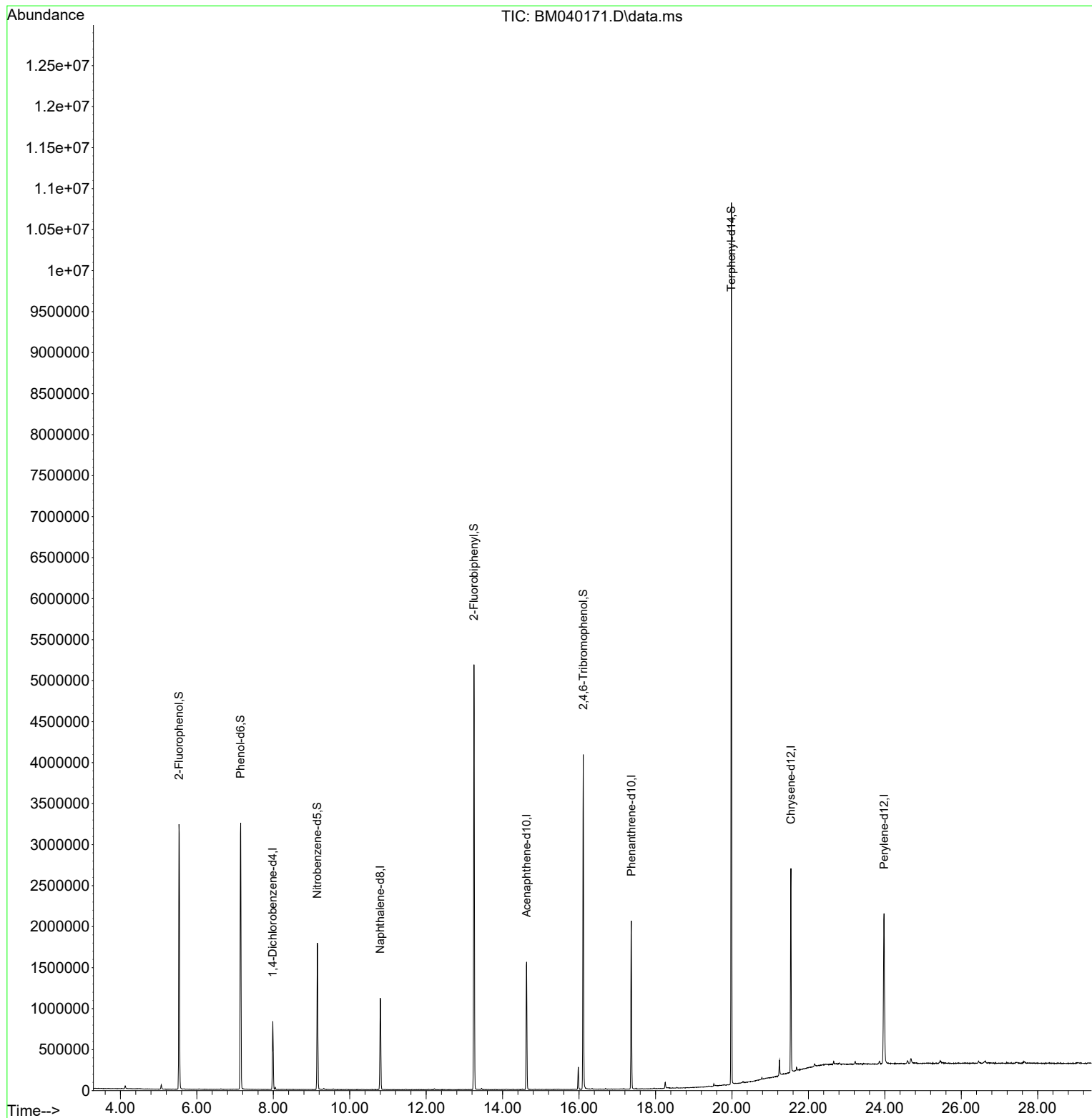
Target Compounds	Qvalue

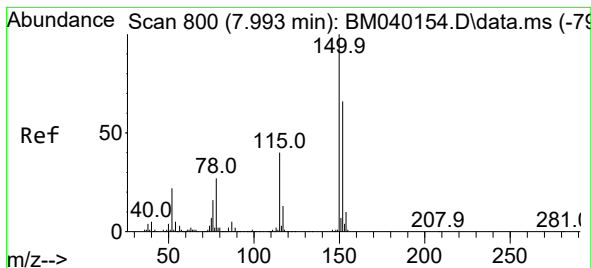
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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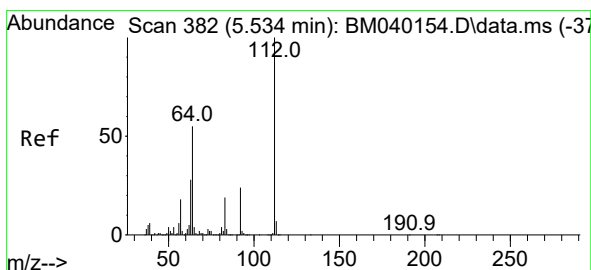
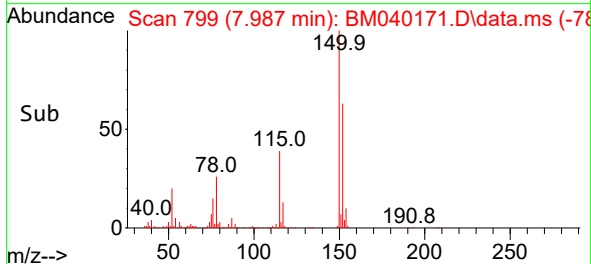
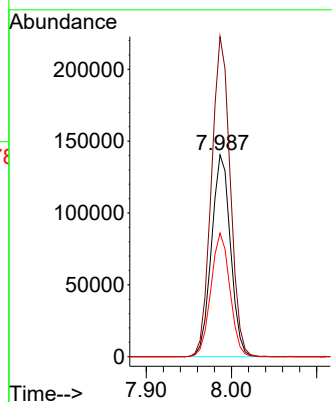
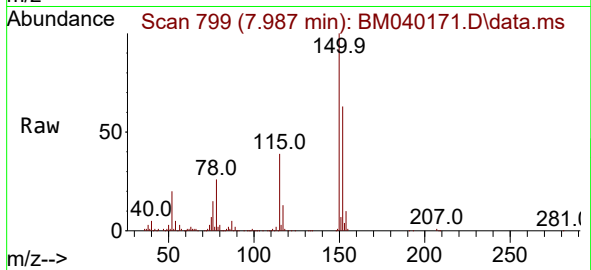




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.987 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM040171.D
Acq: 08 Jun 2023 23:57

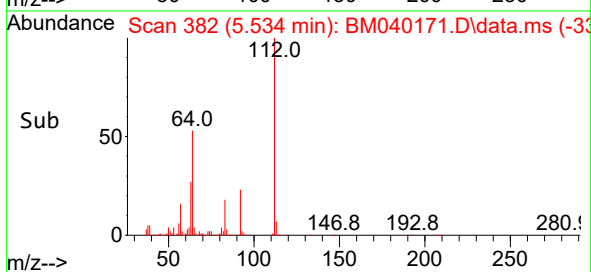
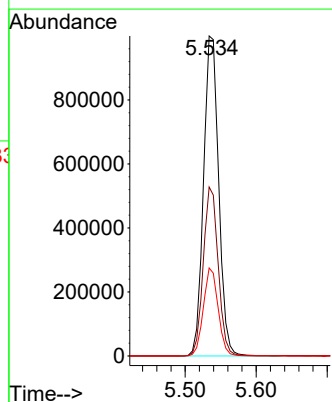
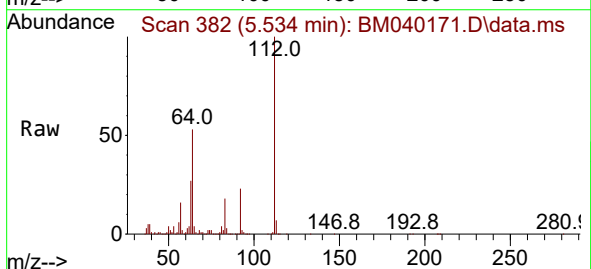
Instrument :
BNA_M
ClientSampleId :
GT-06

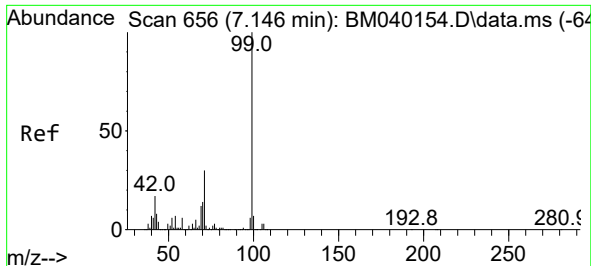
Tgt Ion:152 Resp: 217520
Ion Ratio Lower Upper
152 100
150 158.6 121.4 182.0
115 61.3 48.2 72.4



#5
2-Fluorophenol
Concen: 101.821 ng
RT: 5.534 min Scan# 382
Delta R.T. -0.000 min
Lab File: BM040171.D
Acq: 08 Jun 2023 23:57

Tgt Ion:112 Resp: 1483309
Ion Ratio Lower Upper
112 100
64 52.8 43.8 65.6
63 27.5 22.8 34.2

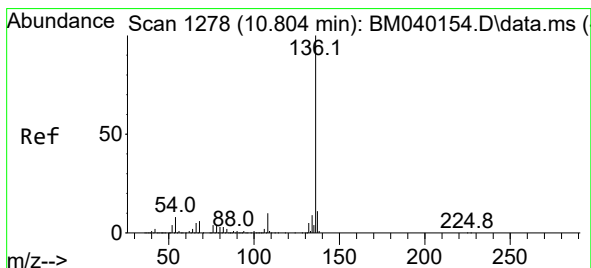
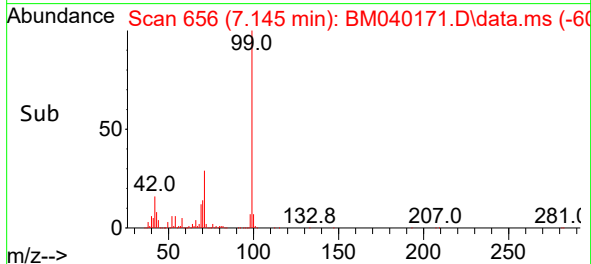
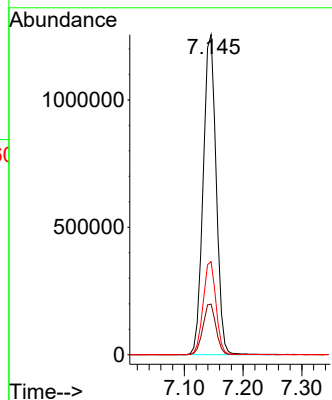
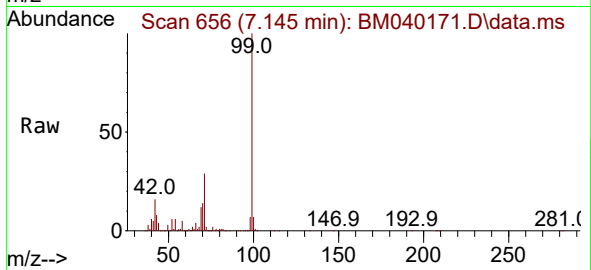




#7
Phenol-d6
Concen: 97.161 ng
RT: 7.145 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM040171.D
Acq: 08 Jun 2023 23:57

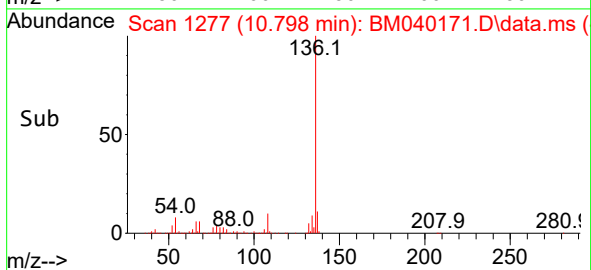
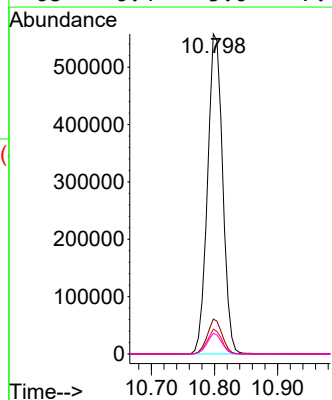
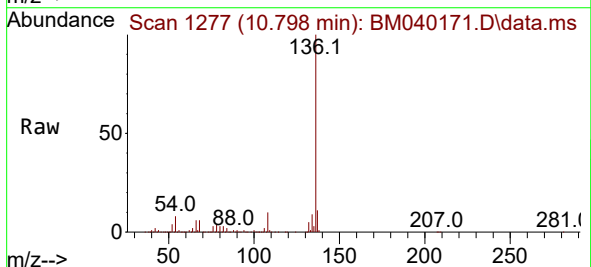
Instrument :
BNA_M
ClientSampleId :
GT-06

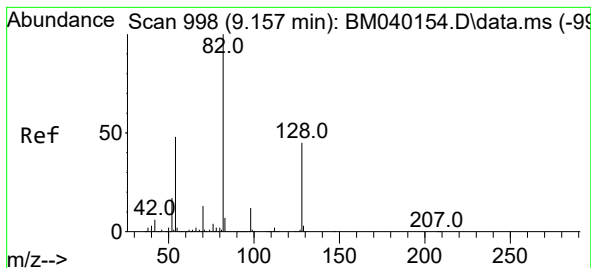
Tgt Ion: 99 Resp: 1931387
Ion Ratio Lower Upper
99 100
42 15.8 13.4 20.2
71 29.1 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.798 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BM040171.D
Acq: 08 Jun 2023 23:57

Tgt Ion:136 Resp: 927233
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.8 6.2 9.4
68 6.4 5.0 7.4





#23

Nitrobenzene-d5

Concen: 59.022 ng

RT: 9.151 min Scan# 998

Delta R.T. -0.006 min

Lab File: BM040171.D

Acq: 08 Jun 2023 23:57

Instrument :

BNA_M

ClientSampleId :

GT-06

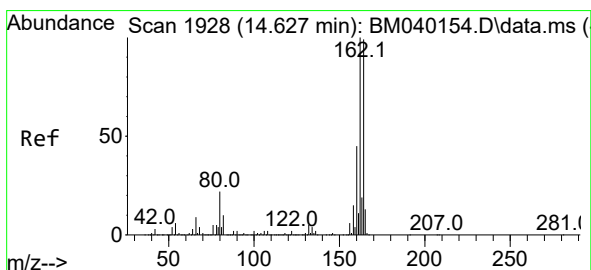
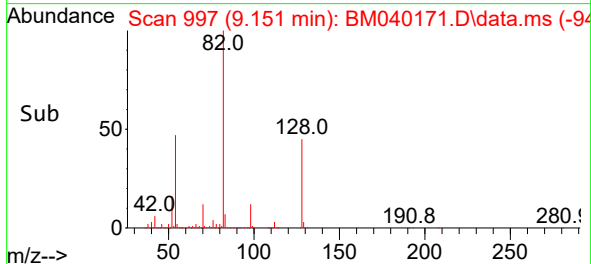
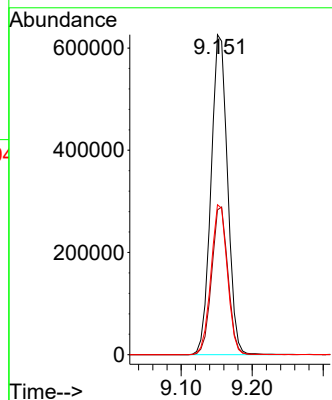
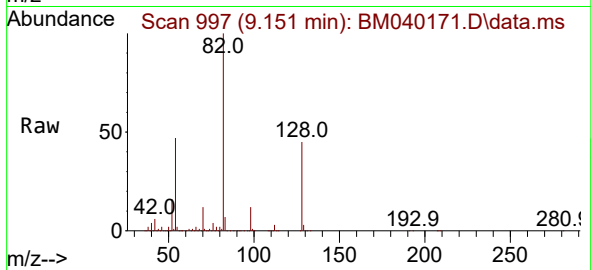
Tgt Ion: 82 Resp: 1011105

Ion Ratio Lower Upper

82 100

128 45.3 36.0 54.0

54 46.9 38.5 57.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.627 min Scan# 1928

Delta R.T. 0.000 min

Lab File: BM040171.D

Acq: 08 Jun 2023 23:57

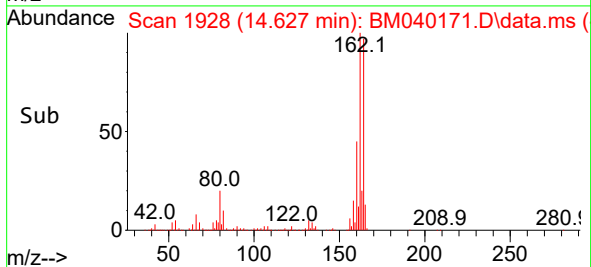
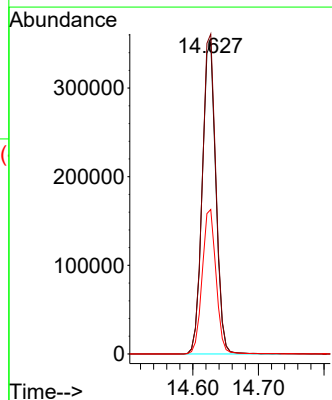
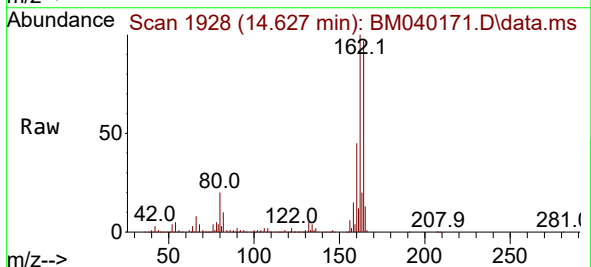
Tgt Ion:164 Resp: 508897

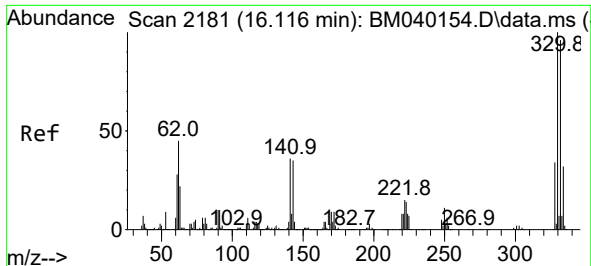
Ion Ratio Lower Upper

164 100

162 102.7 80.4 120.6

160 46.4 35.9 53.9

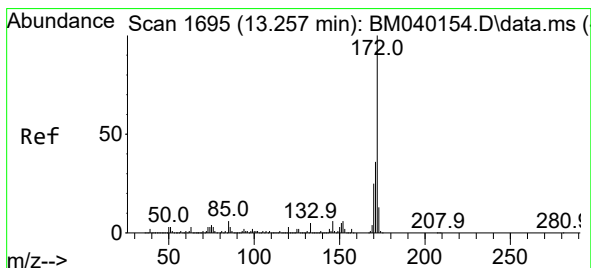
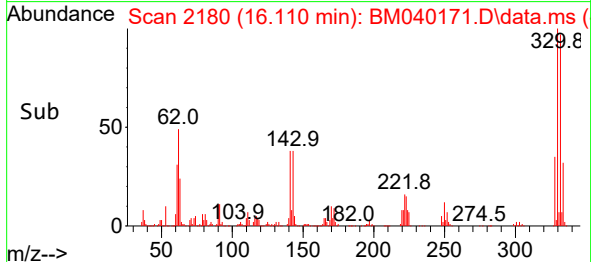
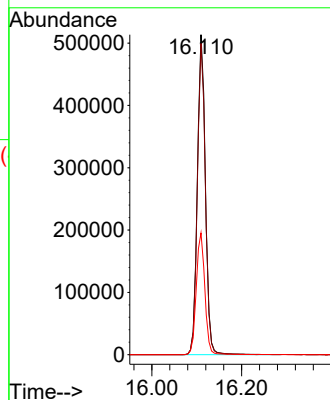
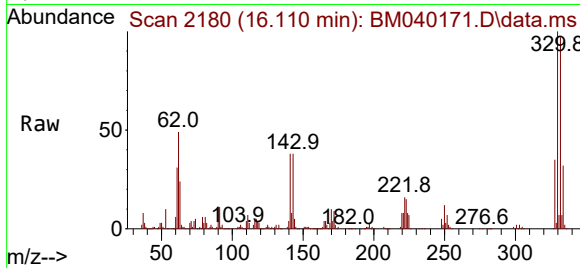




#42
2,4,6-Tribromophenol
Concen: 83.850 ng
RT: 16.110 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BM040171.D
Acq: 08 Jun 2023 23:57

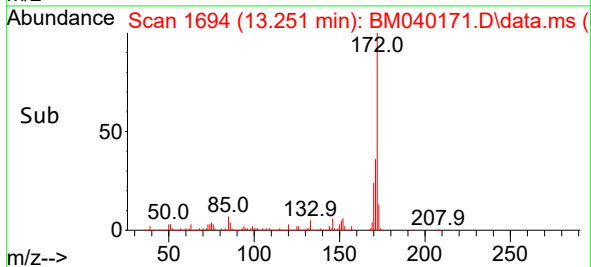
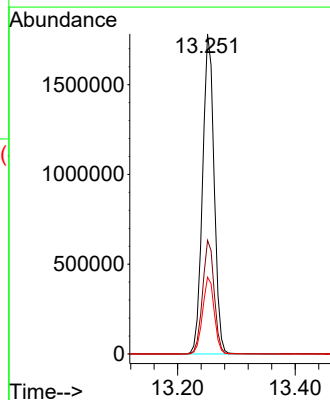
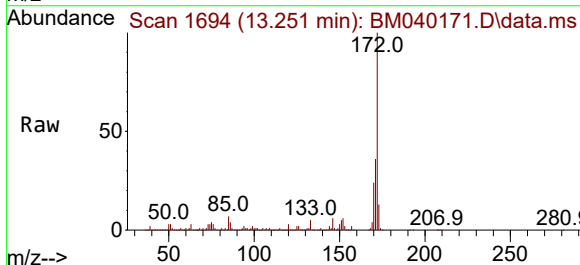
Instrument :
BNA_M
ClientSampleId :
GT-06

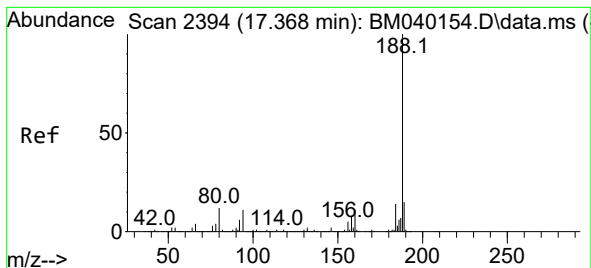
Tgt Ion:330 Resp: 642010
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 40.4 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 63.357 ng
RT: 13.251 min Scan# 1694
Delta R.T. -0.006 min
Lab File: BM040171.D
Acq: 08 Jun 2023 23:57

Tgt Ion:172 Resp: 2439441
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 24.0 19.8 29.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.368 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM040171.D

Acq: 08 Jun 2023 23:57

Instrument :

BNA_M

ClientSampleId :

GT-06

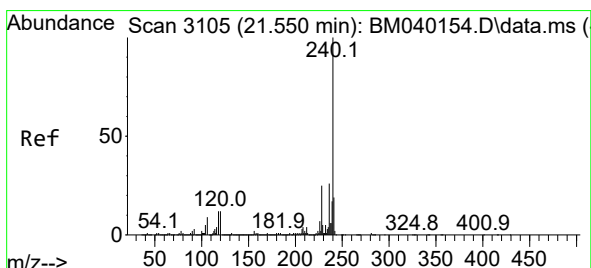
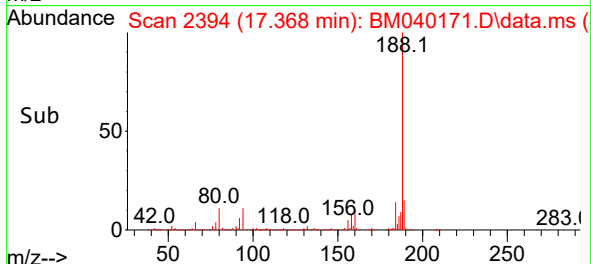
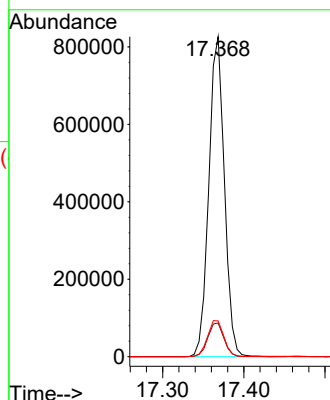
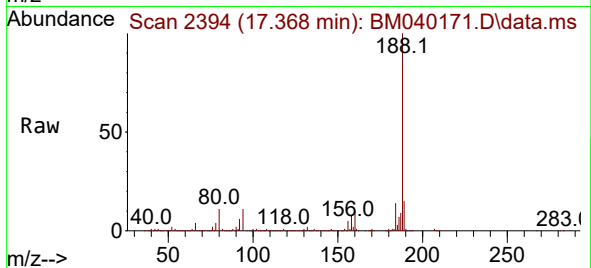
Tgt Ion:188 Resp: 1099212

Ion Ratio Lower Upper

188 100

94 10.6 8.9 13.3

80 11.2 9.6 14.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.544 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BM040171.D

Acq: 08 Jun 2023 23:57

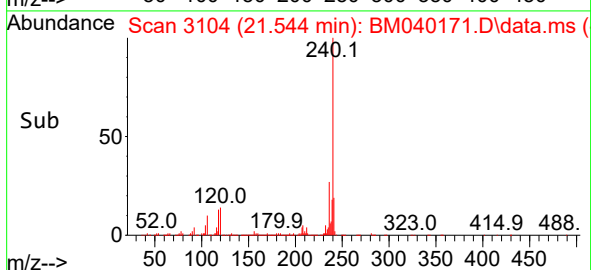
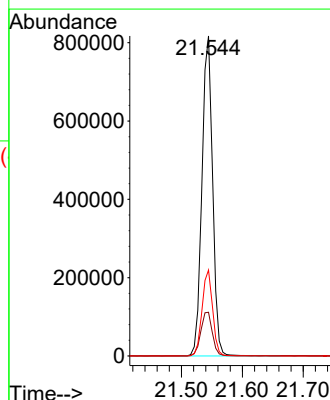
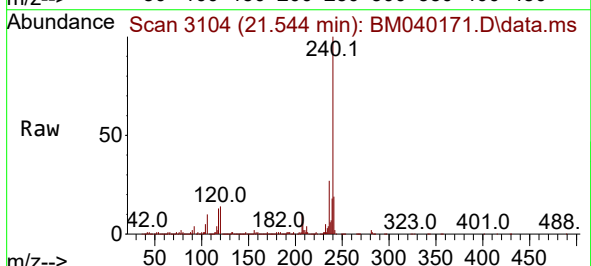
Tgt Ion:240 Resp: 990811

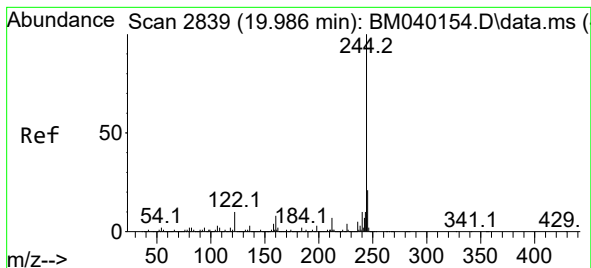
Ion Ratio Lower Upper

240 100

120 13.7 9.9 14.9

236 26.8 21.1 31.7





#79

Terphenyl-d14

Concen: 82.647 ng

RT: 19.986 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM040171.D

Acq: 08 Jun 2023 23:57

Instrument :

BNA_M

ClientSampleId :

GT-06

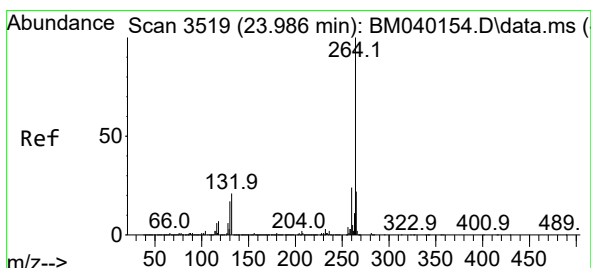
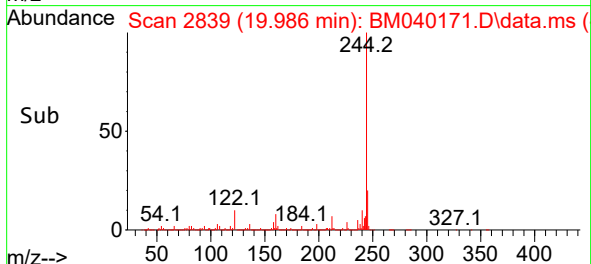
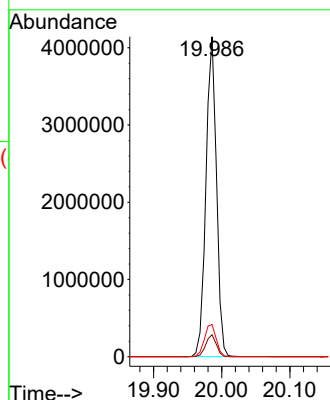
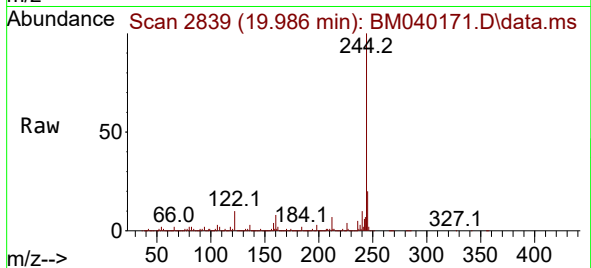
Tgt Ion:244 Resp: 4442207

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 10.1 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.980 min Scan# 3518

Delta R.T. -0.006 min

Lab File: BM040171.D

Acq: 08 Jun 2023 23:57

Tgt Ion:264 Resp: 1191391

Ion Ratio Lower Upper

264 100

260 23.5 19.1 28.7

265 21.6 17.7 26.5

