

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060823\
 Data File : BM040170.D
 Acq On : 08 Jun 2023 23:20
 Operator : MA/JU
 Sample : 03074-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GT-05

Quant Time: Jun 09 02:25:27 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	300716	20.000	ng	0.00
21) Naphthalene-d8	10.799	136	1269531	20.000	ng	0.00
39) Acenaphthene-d10	14.622	164	706556	20.000	ng	0.00
64) Phenanthrene-d10	17.369	188	1501171	20.000	ng	0.00
76) Chrysene-d12	21.545	240	1350585	20.000	ng	0.00
86) Perylene-d12	23.980	264	1592413	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1856783	92.196	ng	0.00
7) Phenol-d6	7.146	99	2349357	85.490	ng	0.00
23) Nitrobenzene-d5	9.157	82	1246795	53.156	ng	0.00
42) 2,4,6-Tribromophenol	16.110	330	825777	77.680	ng	0.00
45) 2-Fluorobiphenyl	13.251	172	3037216	56.815	ng	0.00
79) Terphenyl-d14	19.986	244	5480083	74.797	ng	0.00

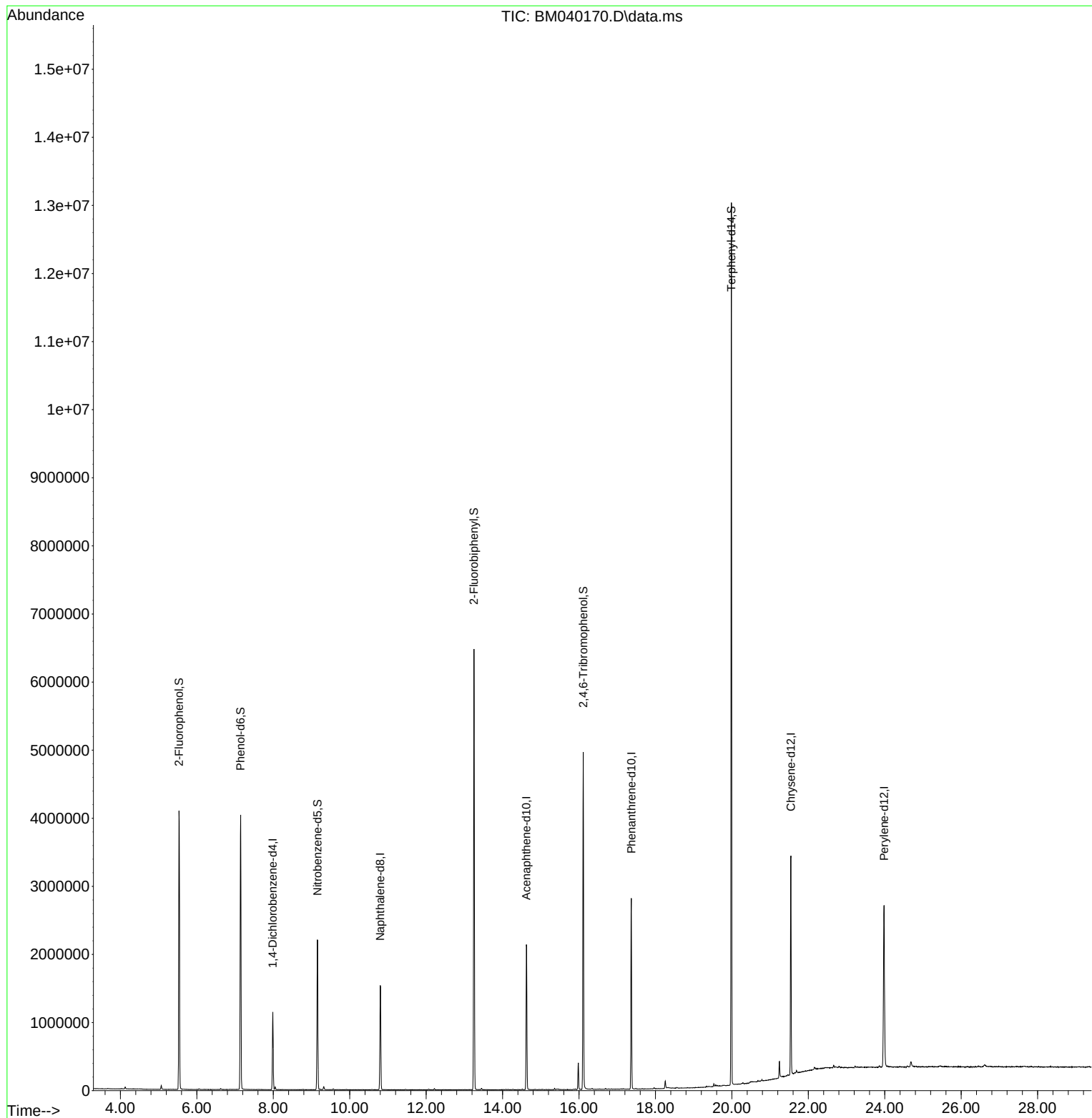
Target Compounds	Qvalue

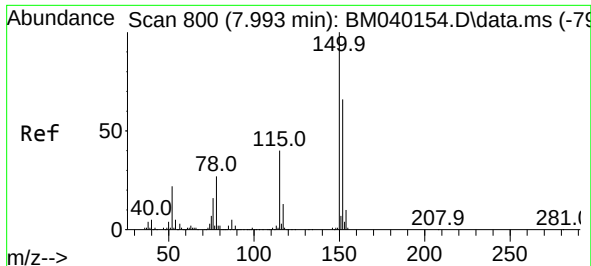
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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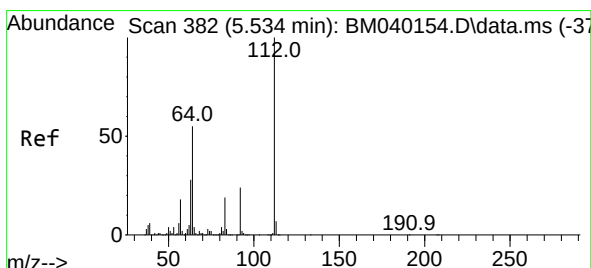
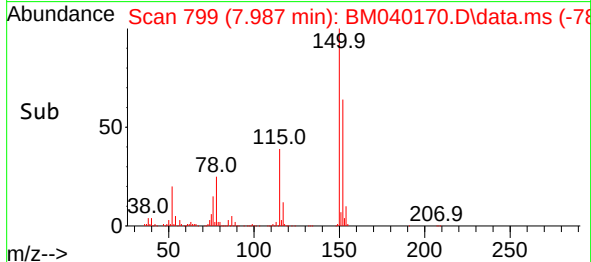
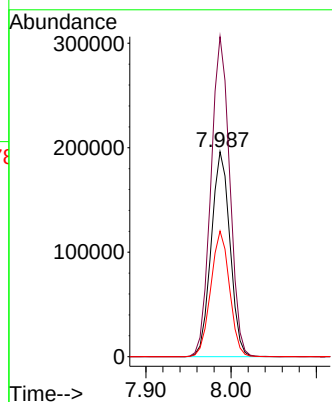
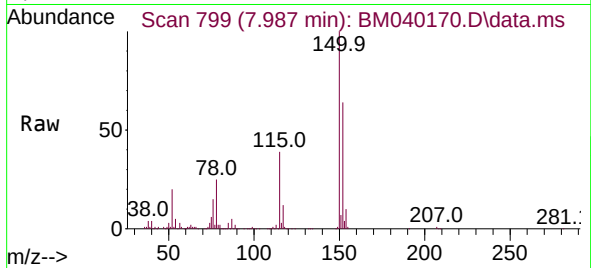




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.987 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: BM040170.D
 Acq: 08 Jun 2023 23:20

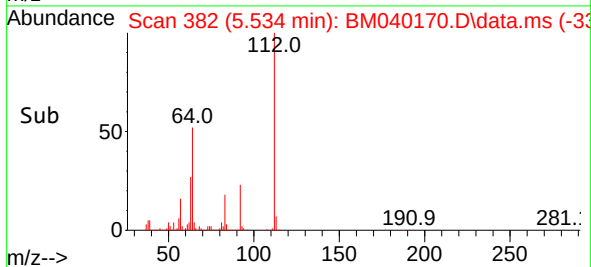
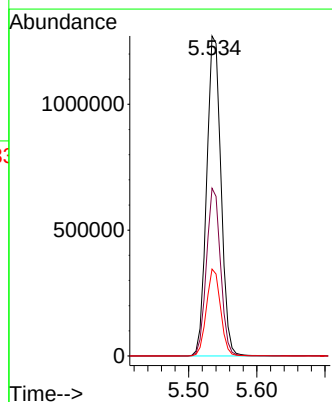
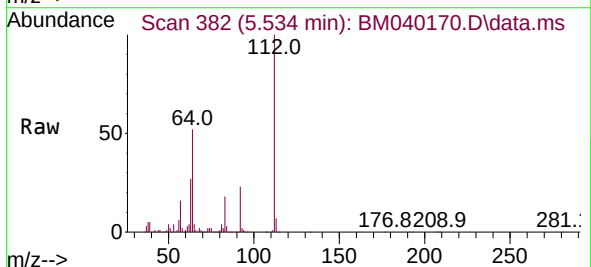
Instrument :
 BNA_M
 ClientSampleId :
 GT-05

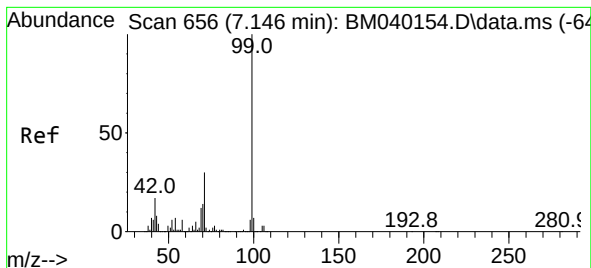
Tgt Ion:152 Resp: 300716
 Ion Ratio Lower Upper
 152 100
 150 156.2 121.4 182.0
 115 61.3 48.2 72.4



#5
 2-Fluorophenol
 Concen: 92.196 ng
 RT: 5.534 min Scan# 382
 Delta R.T. 0.000 min
 Lab File: BM040170.D
 Acq: 08 Jun 2023 23:20

Tgt Ion:112 Resp: 1856783
 Ion Ratio Lower Upper
 112 100
 64 52.4 43.8 65.6
 63 27.2 22.8 34.2





#7

Phenol-d6

Concen: 85.490 ng

RT: 7.146 min Scan# 611

Delta R.T. 0.000 min

Lab File: BM040170.D

Acq: 08 Jun 2023 23:20

Instrument :

BNA_M

ClientSampleId :

GT-05

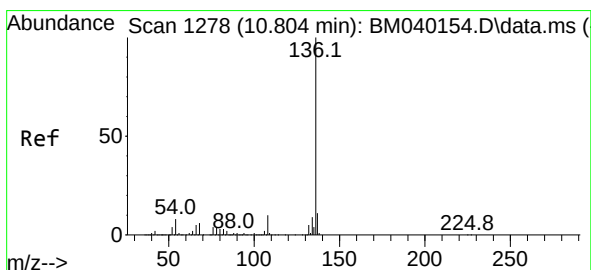
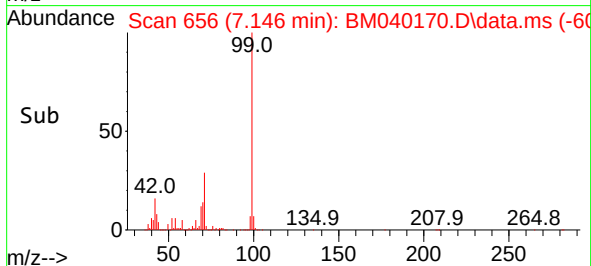
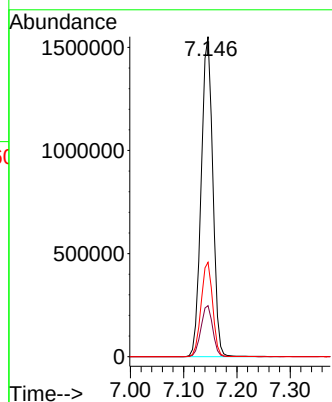
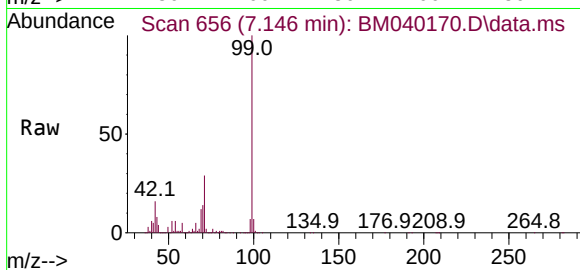
Tgt Ion: 99 Resp: 2349357

Ion Ratio Lower Upper

99 100

42 16.0 13.4 20.2

71 29.5 24.3 36.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.799 min Scan# 1277

Delta R.T. -0.005 min

Lab File: BM040170.D

Acq: 08 Jun 2023 23:20

Tgt Ion:136 Resp: 1269531

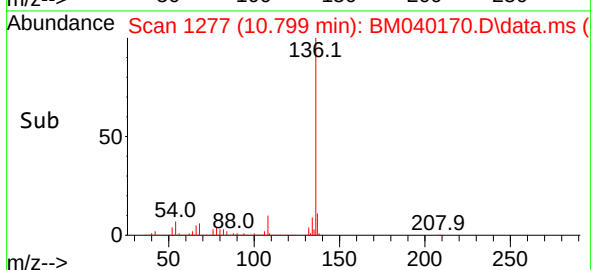
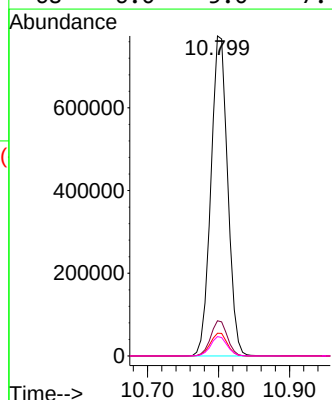
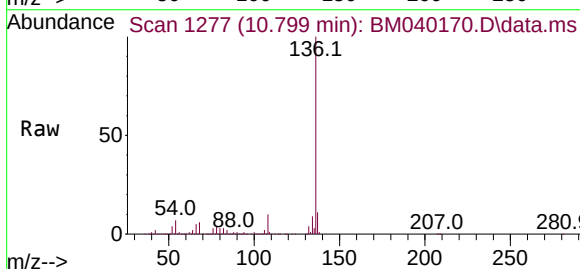
Ion Ratio Lower Upper

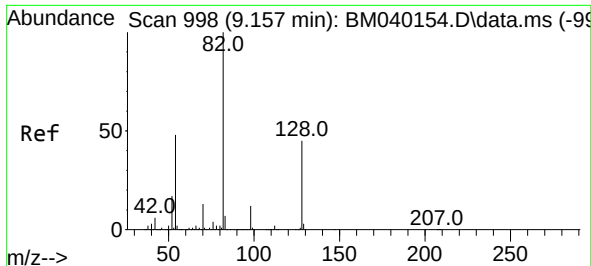
136 100

137 11.0 8.8 13.2

54 7.1 6.2 9.4

68 6.0 5.0 7.4

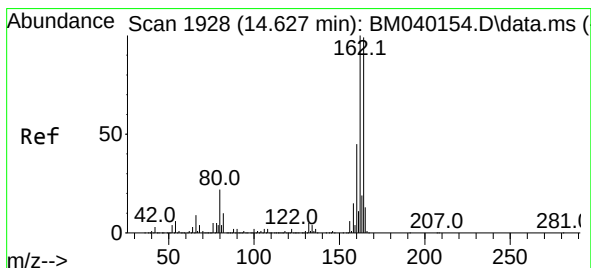
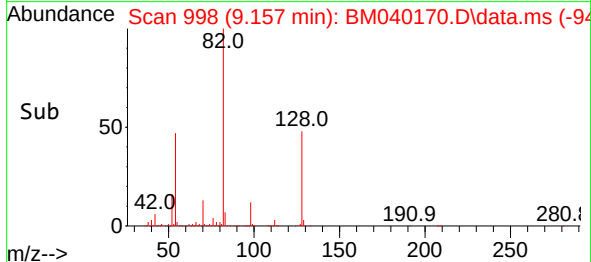
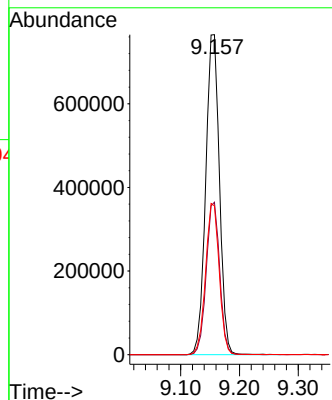
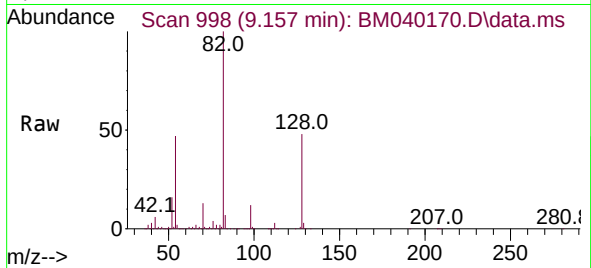




#23
Nitrobenzene-d5
Concen: 53.156 ng
RT: 9.157 min Scan# 998
Delta R.T. 0.000 min
Lab File: BM040170.D
Acq: 08 Jun 2023 23:20

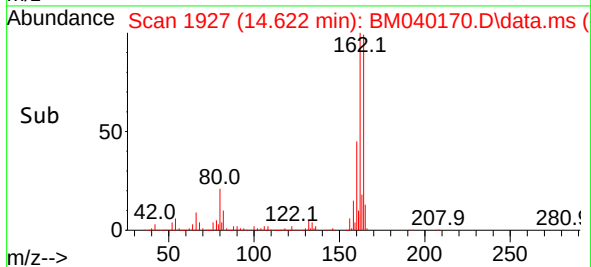
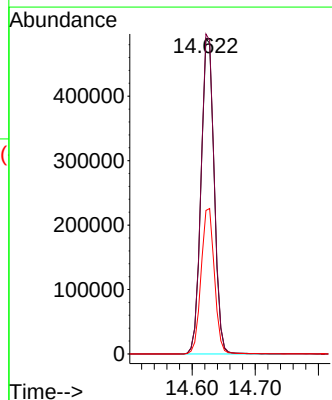
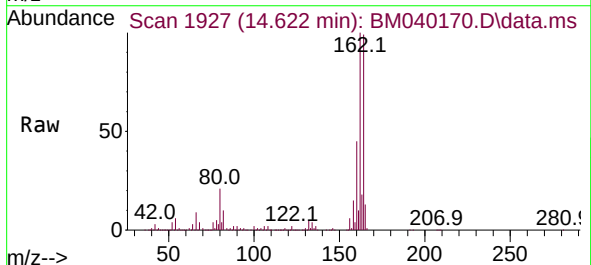
Instrument :
BNA_M
ClientSampleId :
GT-05

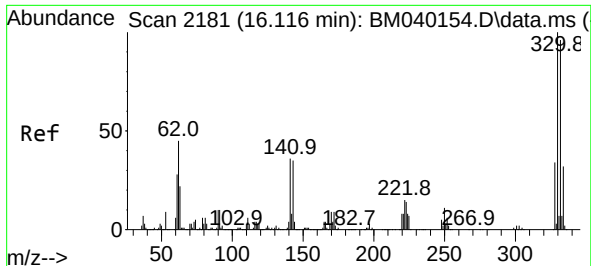
Tgt Ion: 82 Resp: 1246795
Ion Ratio Lower Upper
82 100
128 47.7 36.0 54.0
54 46.5 38.5 57.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.622 min Scan# 1927
Delta R.T. -0.005 min
Lab File: BM040170.D
Acq: 08 Jun 2023 23:20

Tgt Ion: 164 Resp: 706556
Ion Ratio Lower Upper
164 100
162 101.4 80.4 120.6
160 45.5 35.9 53.9

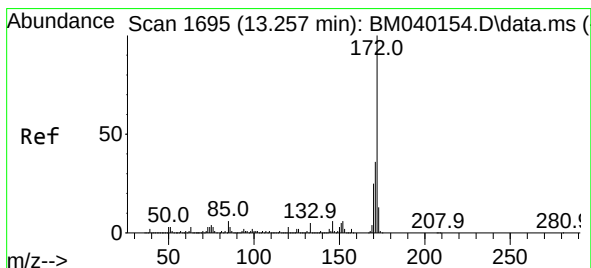
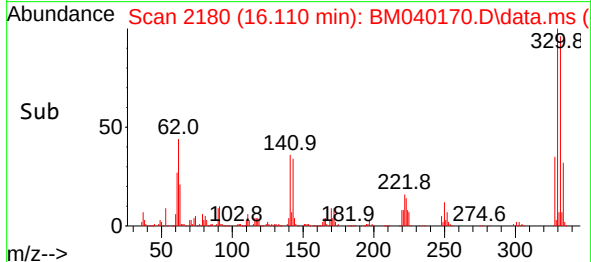
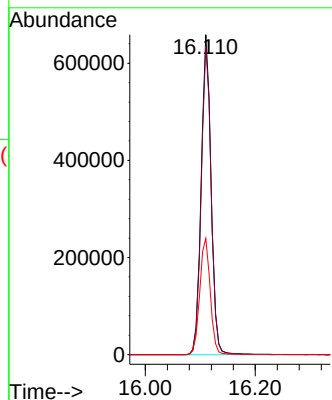
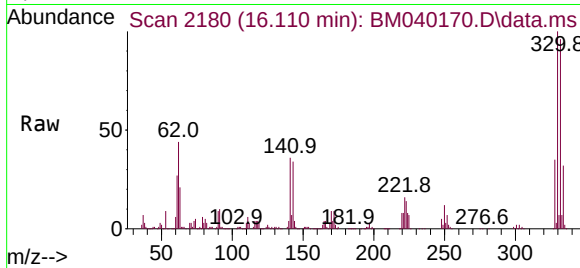




#42
2,4,6-Tribromophenol
Concen: 77.680 ng
RT: 16.110 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BM040170.D
Acq: 08 Jun 2023 23:20

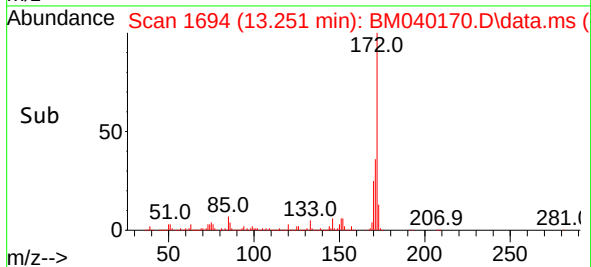
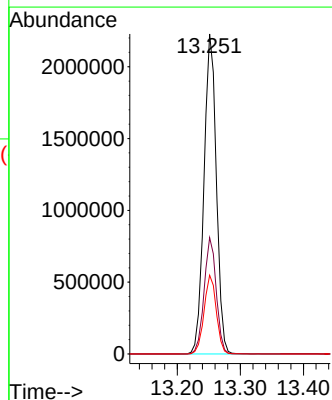
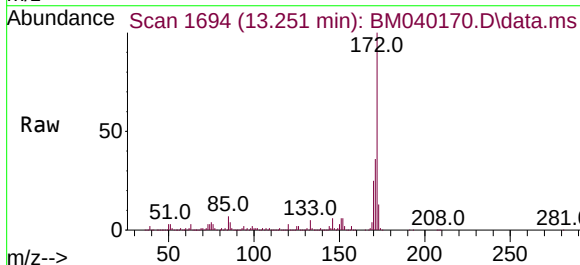
Instrument :
BNA_M
ClientSampleId :
GT-05

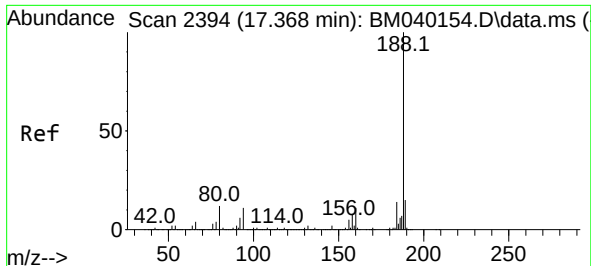
Tgt Ion:330 Resp: 825777
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 38.5 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 56.815 ng
RT: 13.251 min Scan# 1694
Delta R.T. -0.006 min
Lab File: BM040170.D
Acq: 08 Jun 2023 23:20

Tgt Ion:172 Resp: 3037216
Ion Ratio Lower Upper
172 100
171 36.4 28.8 43.2
170 24.6 19.8 29.6

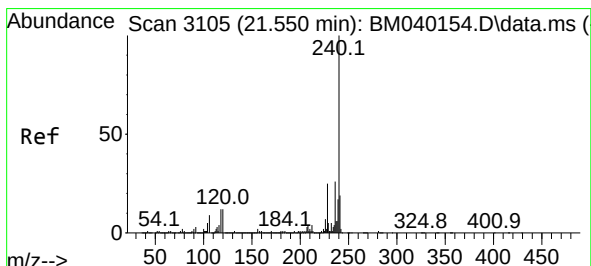
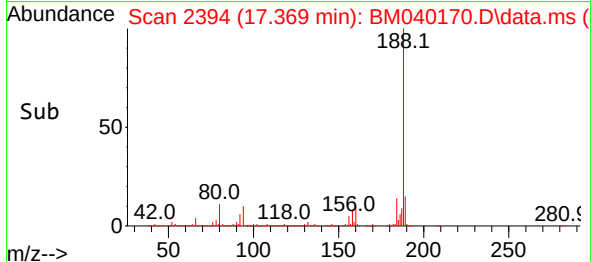
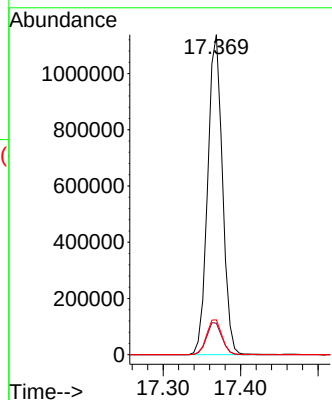
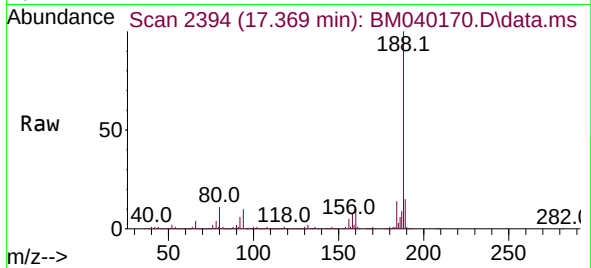




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.369 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM040170.D
Acq: 08 Jun 2023 23:20

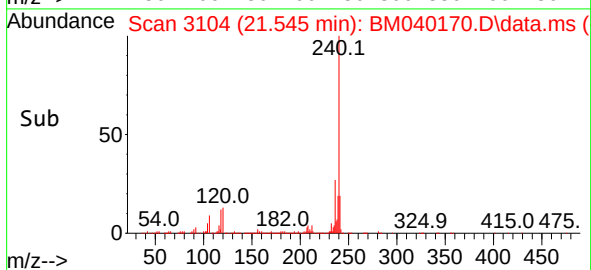
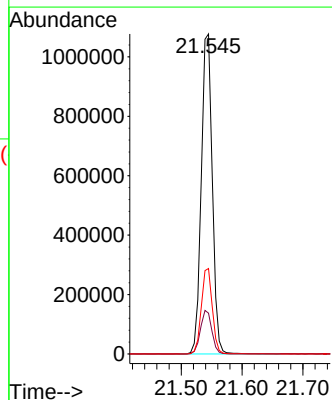
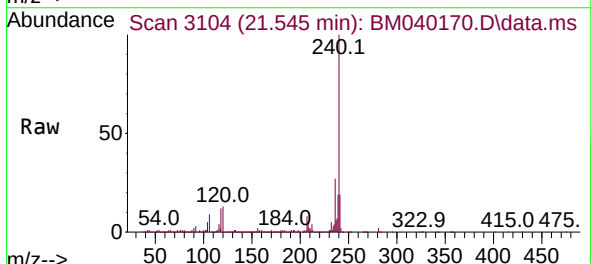
Instrument :
BNA_M
ClientSampleId :
GT-05

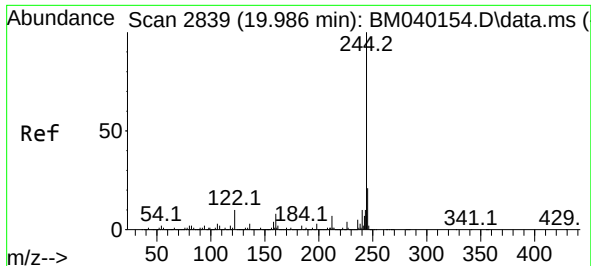
Tgt Ion:188 Resp: 1501171
Ion Ratio Lower Upper
188 100
94 9.8 8.9 13.3
80 10.9 9.6 14.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.545 min Scan# 3104
Delta R.T. -0.006 min
Lab File: BM040170.D
Acq: 08 Jun 2023 23:20

Tgt Ion:240 Resp: 1350585
Ion Ratio Lower Upper
240 100
120 12.8 9.9 14.9
236 26.7 21.1 31.7

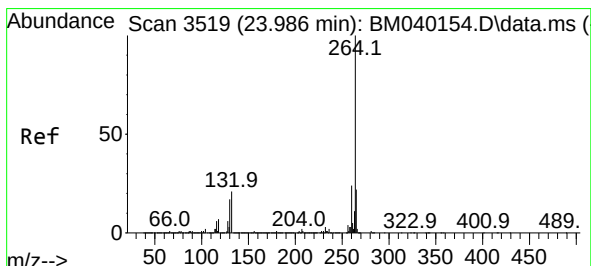
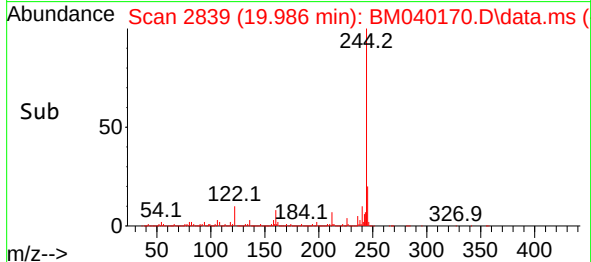
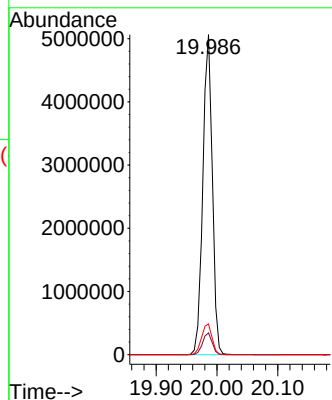
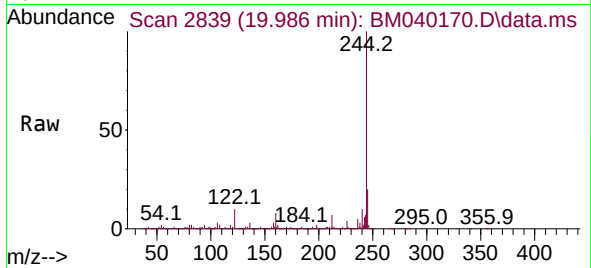




#79
Terphenyl-d14
Concen: 74.797 ng
RT: 19.986 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM040170.D
Acq: 08 Jun 2023 23:20

Instrument :
BNA_M
ClientSampleId :
GT-05

Tgt Ion:244 Resp: 5480083
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 9.6 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: BM040170.D
Acq: 08 Jun 2023 23:20

Tgt Ion:264 Resp: 1592413
Ion Ratio Lower Upper
264 100
260 23.4 19.1 28.7
265 21.7 17.7 26.5

