

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)

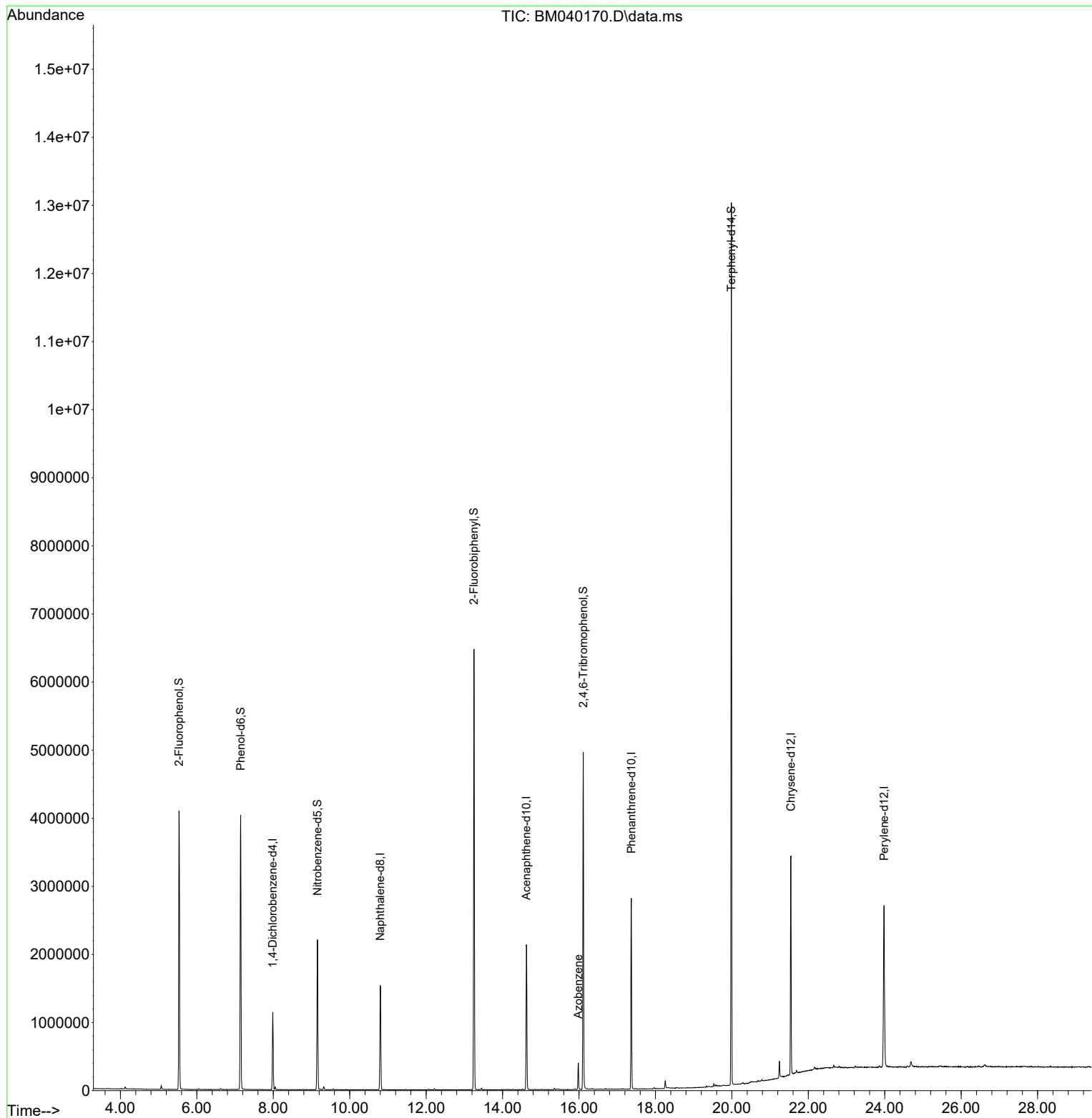
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	300716	20.000	ng	0.00
21) Naphthalene-d8	10.799	136	1269531	20.000	ng	0.00
39) Acenaphthene-d10	14.622	164	706556	20.000	ng	0.00
64) Phenanthrene-d10	17.369	188	1501171	20.000	ng	0.00
76) Chrysene-d12	21.545	240	1350585	20.000	ng	0.00
86) Perylene-d12	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						
63) Azobenzene	15.981	77	110354	2.030	ng	Qvalue # 1

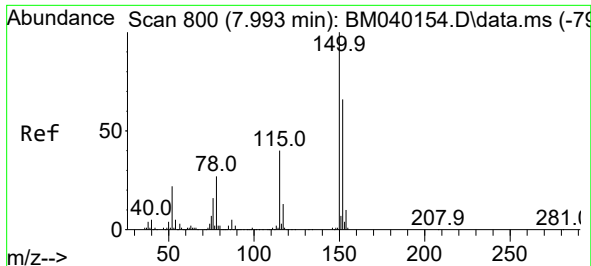
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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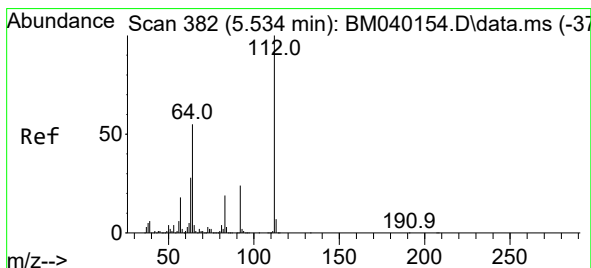
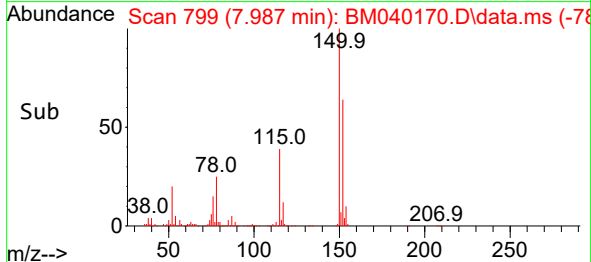
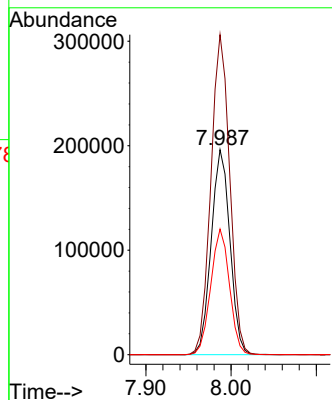
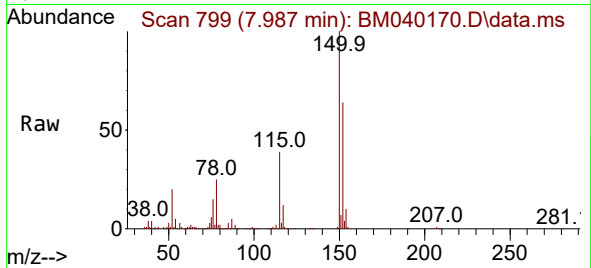




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.987 min Scan# 799
Delta R.T. -0.006 min
Lab File: BM040170.D
Acq: 08 Jun 2023 23:20

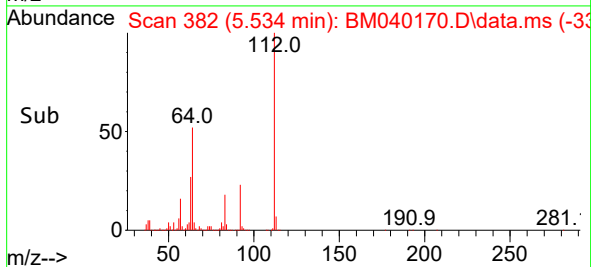
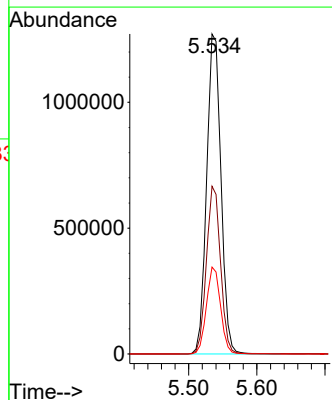
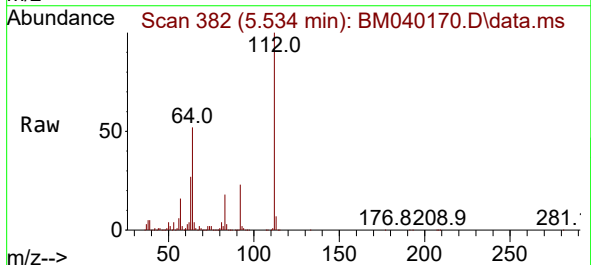
Instrument :
BNA_M
ClientSampleId :
GT-05

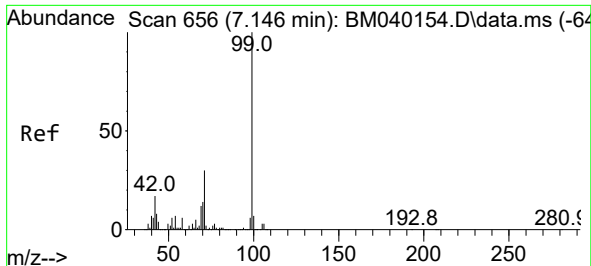
Tgt Ion:152 Resp: 300716
Ion Ratio Lower Upper
152 100
150 156.2 121.4 182.0
115 61.3 48.2 72.4



#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



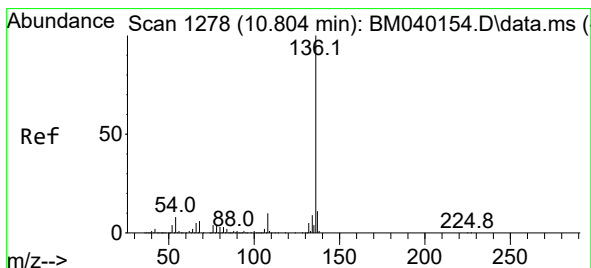
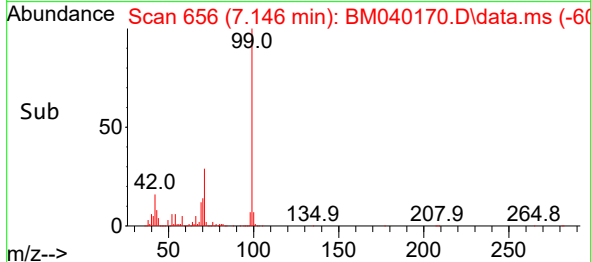
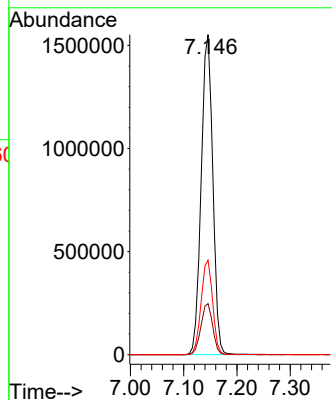
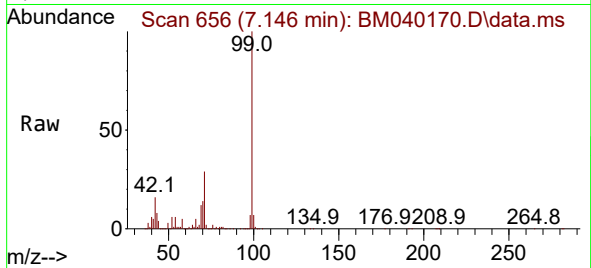


#7
Phenol-d6
Concen: 85.490 ng
RT: 7.146 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM040170.D
Acq: 08 Jun 2023 23:20

Instrument :
BNA_M
ClientSampleId :
GT-05

Tgt Ion: 99 Resp: 2349357

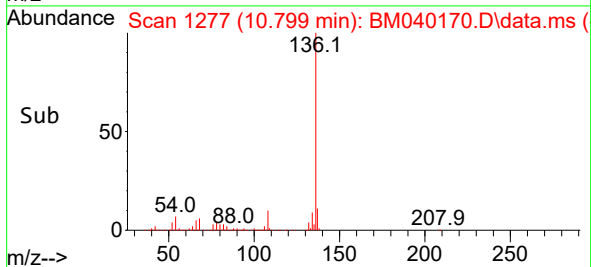
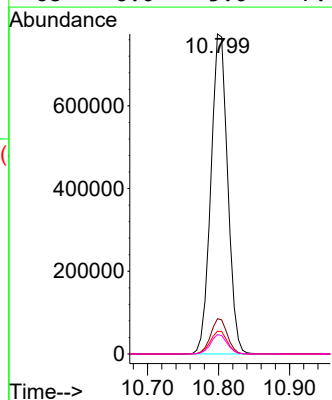
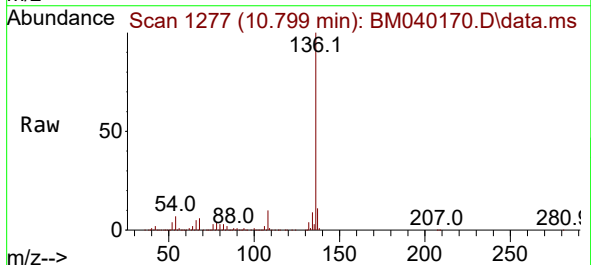
Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.4	20.2
71	29.5	24.3	36.5

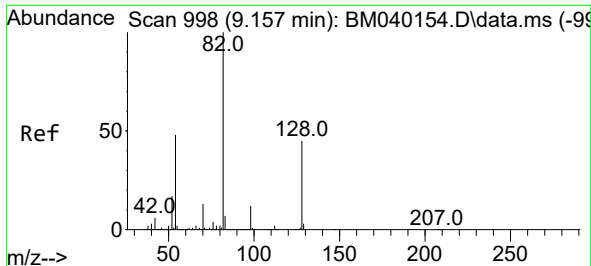


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.799 min Scan# 1277
Delta R.T. -0.005 min
Lab File: BM040170.D
Acq: 08 Jun 2023 23:20

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

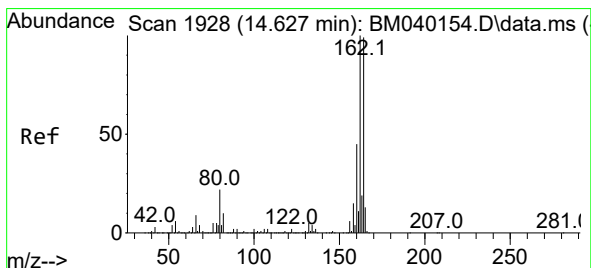
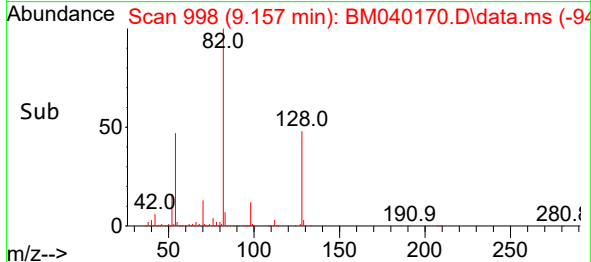
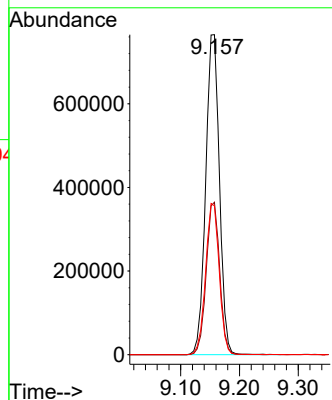
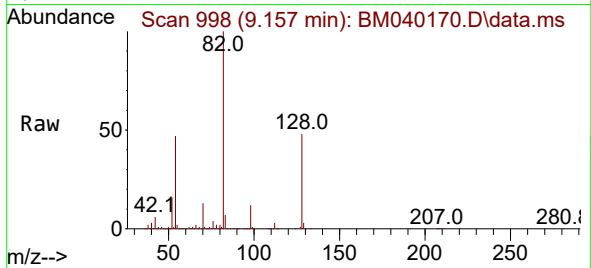




#23
Nitrobenzene-d5
Concen: 53.156 ng
RT: 9.157 min Scan# 998
Delta R.T. 0.000 min
Lab File: BM040170.D
Acq: 08 Jun 2023 23:20

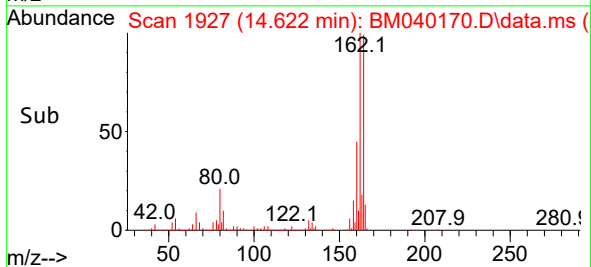
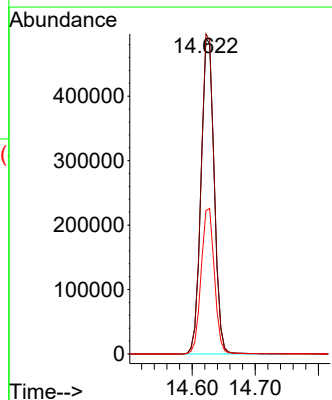
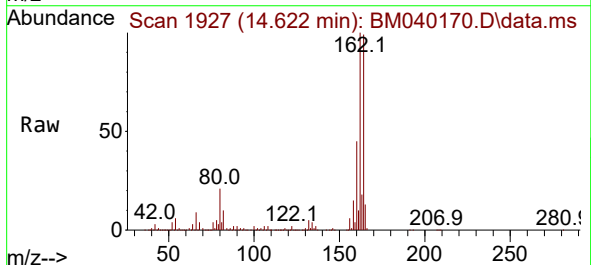
Instrument :
BNA_M
ClientSampleId :
GT-05

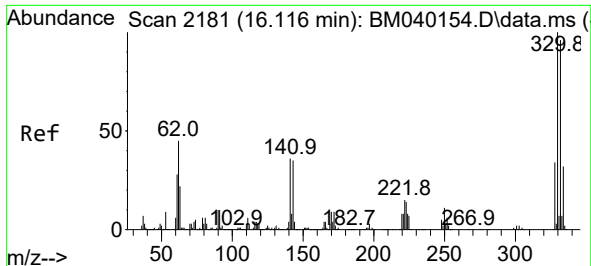
Tgt Ion: 82 Resp: 1246795
Ion Ratio Lower Upper
82 100
128 47.7 36.0 54.0
54 46.5 38.5 57.7



#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# 21

Delta R.T. -0.006 min

Lab File: BM040170.D

Acq: 08 Jun 2023 23:20

Instrument :

BNA_M

ClientSampleId :

GT-05

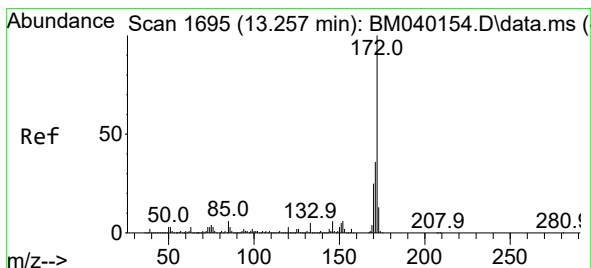
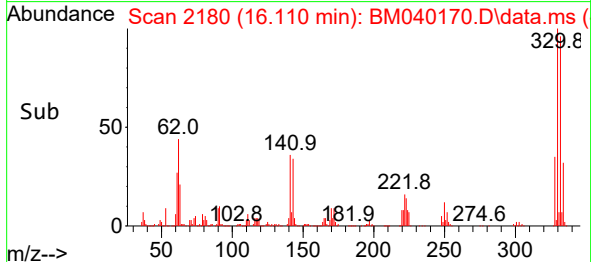
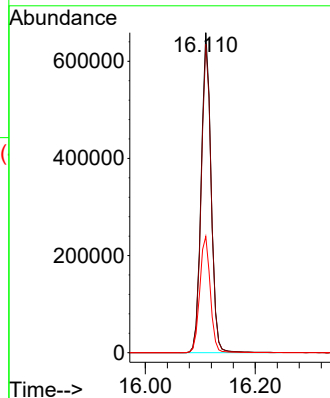
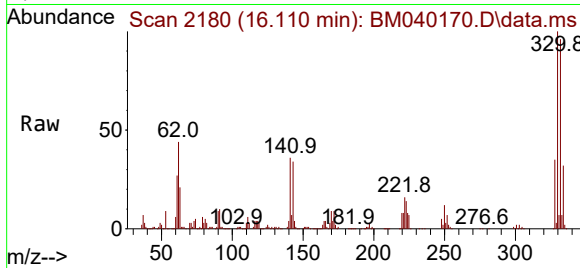
Tgt Ion:330 Resp: 825777

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

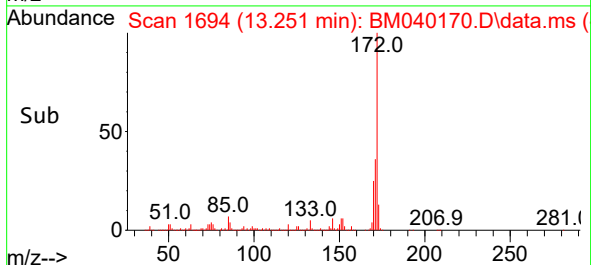
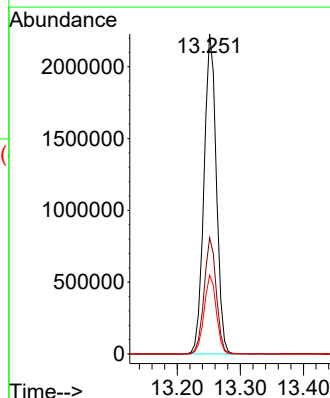
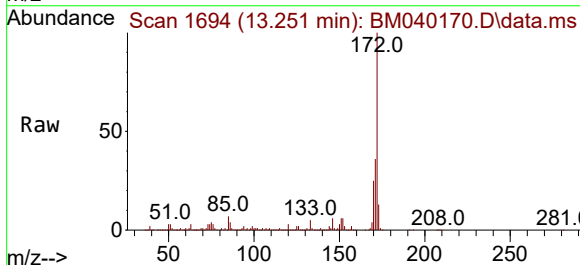
Tgt Ion:172 Resp: 3037216

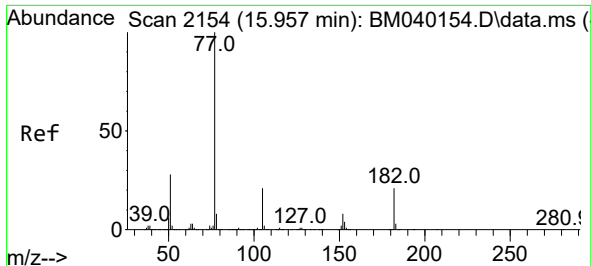
Ion Ratio Lower Upper

172 100

171 36.4 28.8 43.2

170 24.6 19.8 29.6

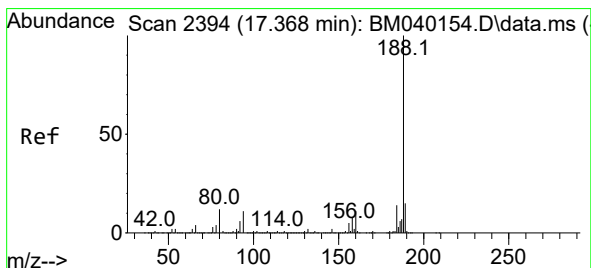
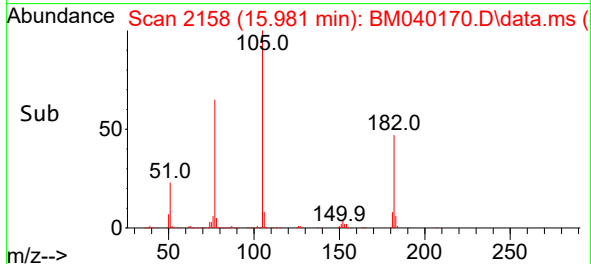
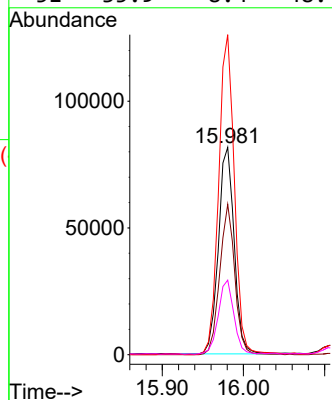
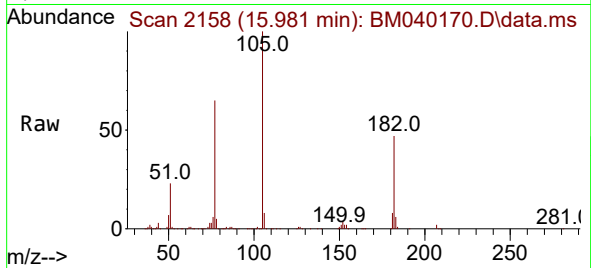




#63
Azobenzene
Concen: 2.030 ng
RT: 15.981 min Scan# 2154
Delta R.T. 0.024 min
Lab File: BM040170.D
Acq: 08 Jun 2023 23:20

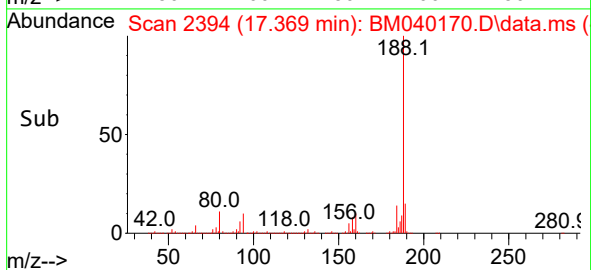
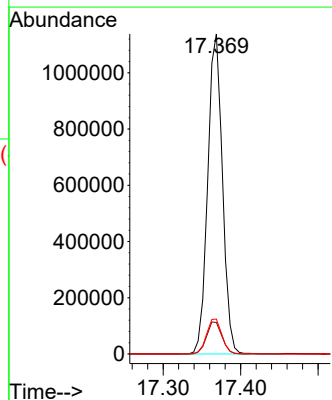
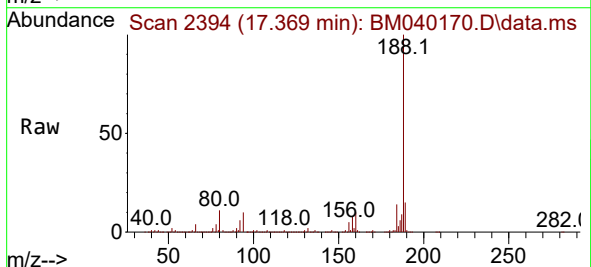
Instrument :
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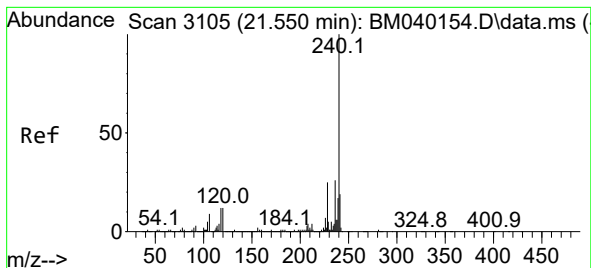
Tgt Ion: 77 Resp: 110354
Ion Ratio Lower Upper
77 100
182 72.6 1.1 41.1#
105 154.4 1.1 41.1#
51 35.9 8.4 48.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.369 min Scan# 2394
Delta R.T. 0.000 min
Lab File: BM040170.D
Acq: 08 Jun 2023 23:20

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# 3105

Delta R.T. -0.006 min

Lab File: BM040170.D

Acq: 08 Jun 2023 23:20

Instrument :

BNA_M

ClientSampleId :

GT-05

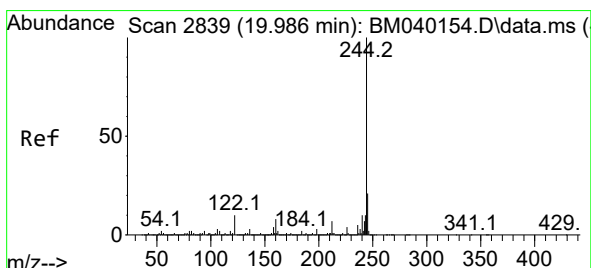
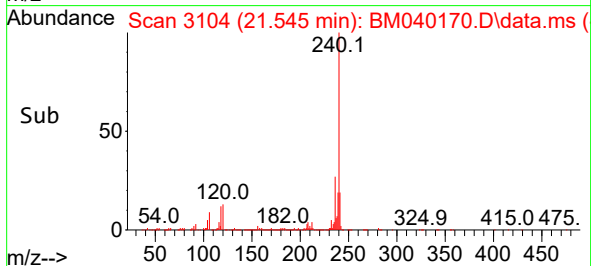
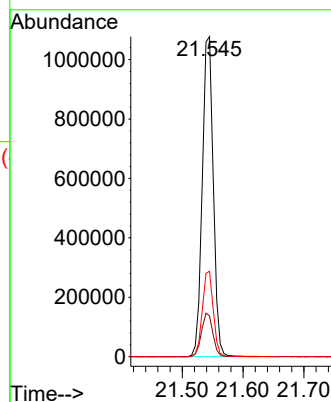
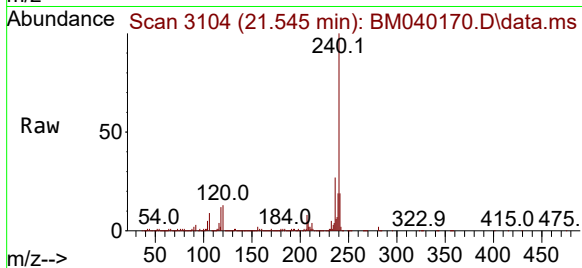
Tgt Ion:240 Resp: 1350585

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# 2839

Delta R.T. 0.000 min

Lab File: BM040170.D

Acq: 08 Jun 2023 23:20

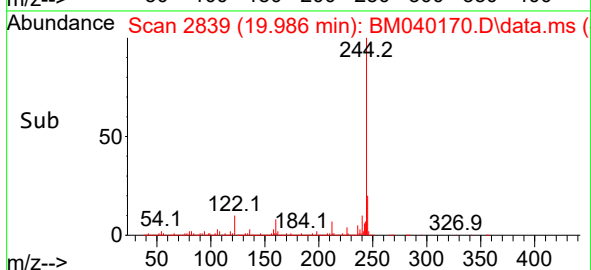
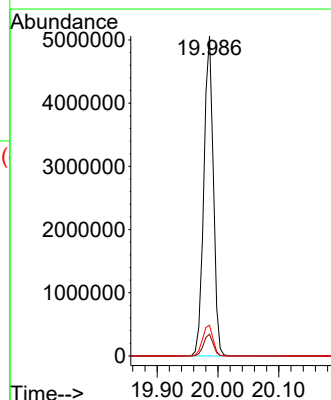
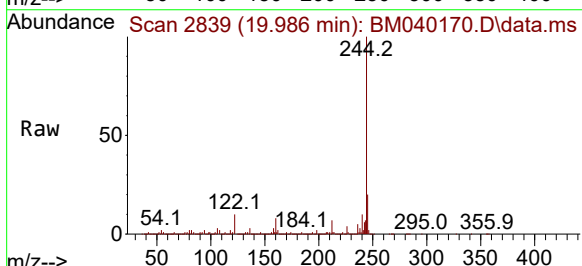
Tgt Ion:244 Resp: 5480083

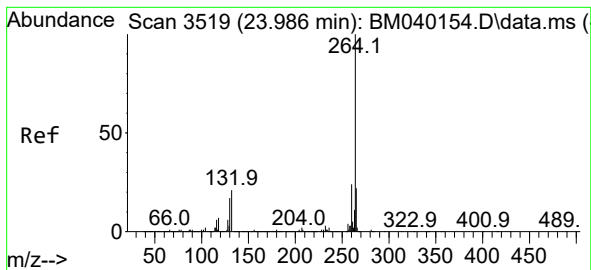
Ion Ratio Lower Upper

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# 31
Delta R.T. -0.006 min
Lab File: BM040170.D
Acq: 08 Jun 2023 23:20

Instrument :
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ClientSampleId :
GT-05

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

