

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060823\
 Data File : BM040164.D
 Acq On : 08 Jun 2023 18:30
 Operator : MA/JU
 Sample : 03074-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GT-04

Quant Time: Jun 09 02:23:13 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)

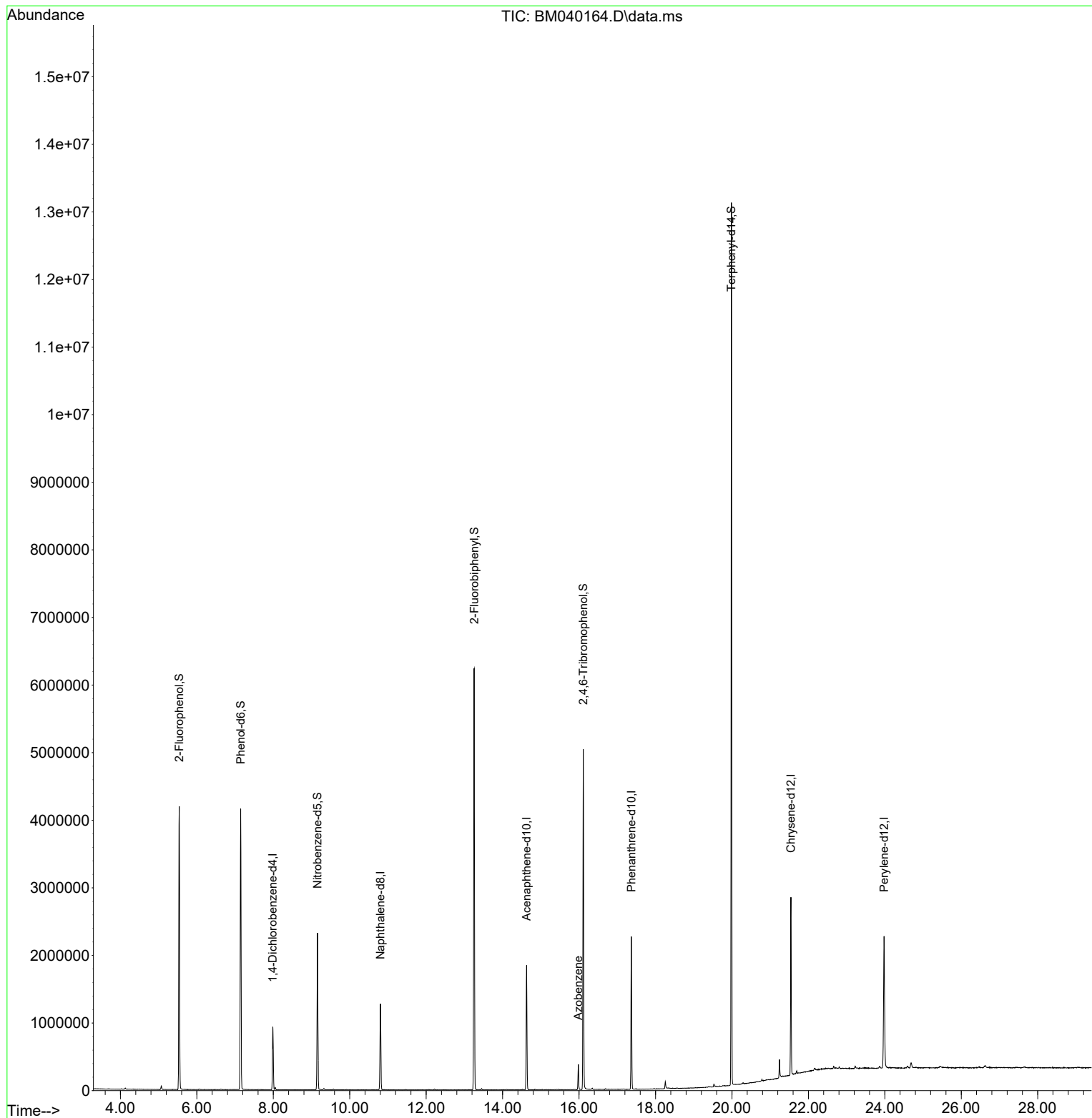
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	252806	20.000	ng	0.00
21) Naphthalene-d8	10.804	136	1048825	20.000	ng	0.00
39) Acenaphthene-d10	14.627	164	564905	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	1183951	20.000	ng	0.00
76) Chrysene-d12	21.545	240	1043938	20.000	ng	0.00
86) Perylene-d12	23.980	264	1247592	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1880800	111.086	ng	0.00
7) Phenol-d6	7.145	99	2413686	104.476	ng	0.00
23) Nitrobenzene-d5	9.157	82	1269565	65.517	ng	0.00
42) 2,4,6-Tribromophenol	16.110	330	811984	95.535	ng	0.00
45) 2-Fluorobiphenyl	13.257	172	3055015	71.478	ng	0.00
79) Terphenyl-d14	19.986	244	5382745	95.049	ng	0.00
Target Compounds						
63) Azobenzene	15.980	77	104142	2.396	ng	Qvalue # 1

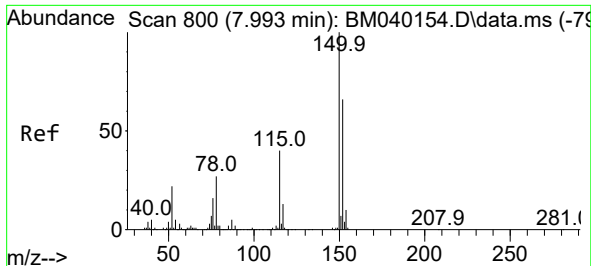
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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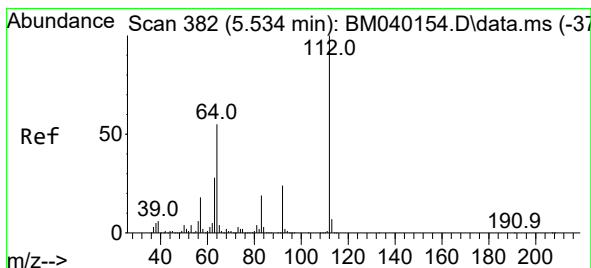
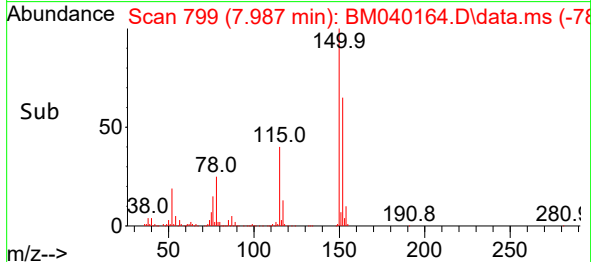
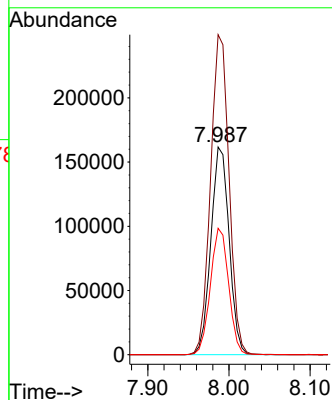
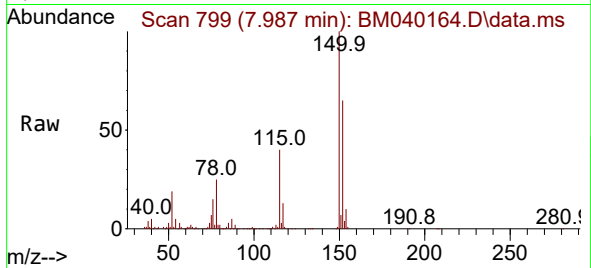




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.987 min Scan# 799
Delta R.T. -0.006 min
Lab File: BM040164.D
Acq: 08 Jun 2023 18:30

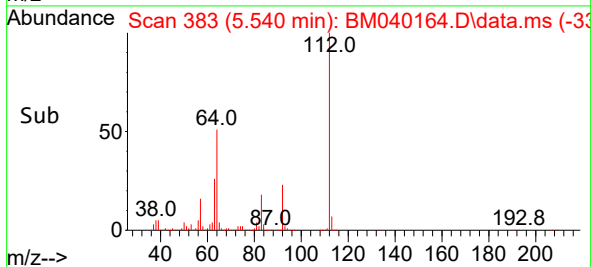
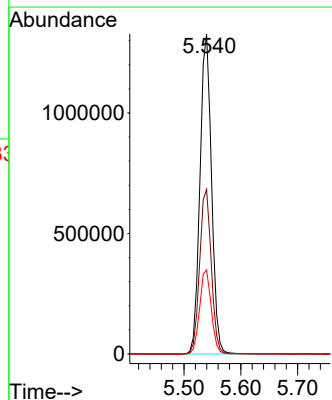
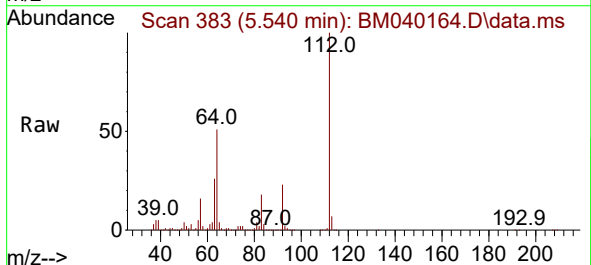
Instrument :
BNA_M
ClientSampleId :
GT-04

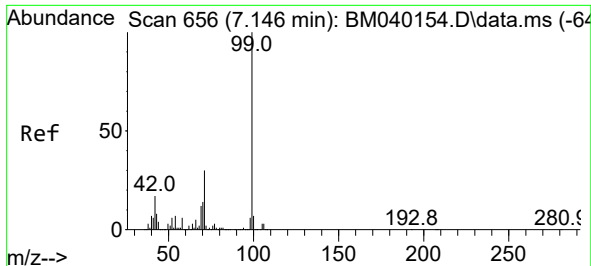
Tgt Ion:152 Resp: 252806
Ion Ratio Lower Upper
152 100
150 154.1 121.4 182.0
115 60.9 48.2 72.4



#5
2-Fluorophenol
Concen: 111.086 ng
RT: 5.540 min Scan# 383
Delta R.T. 0.006 min
Lab File: BM040164.D
Acq: 08 Jun 2023 18:30

Tgt Ion:112 Resp: 1880800
Ion Ratio Lower Upper
112 100
64 51.5 43.8 65.6
63 26.3 22.8 34.2

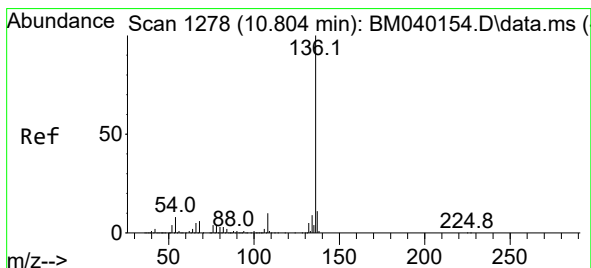
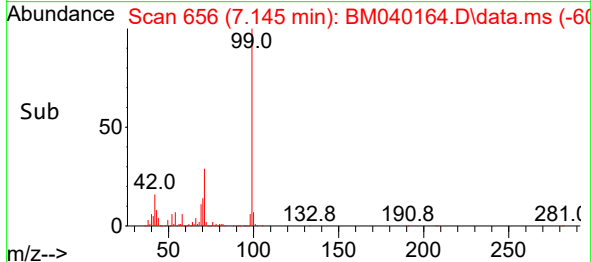
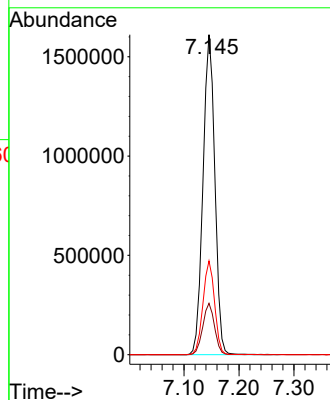
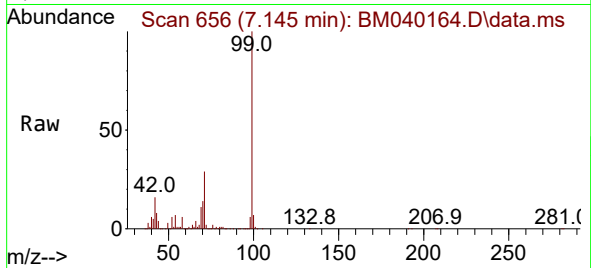




#7
Phenol-d6
Concen: 104.476 ng
RT: 7.145 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM040164.D
Acq: 08 Jun 2023 18:30

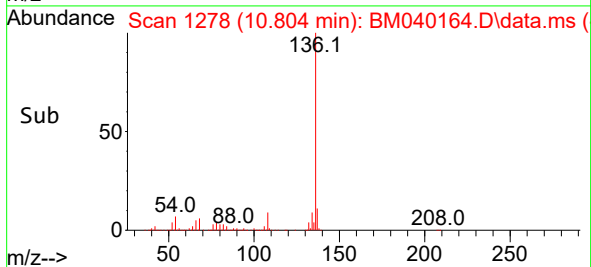
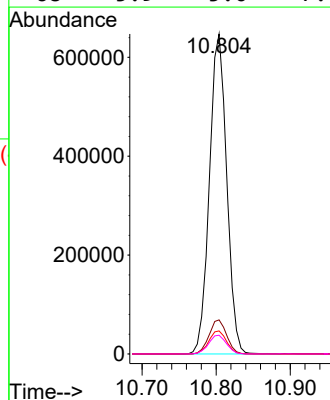
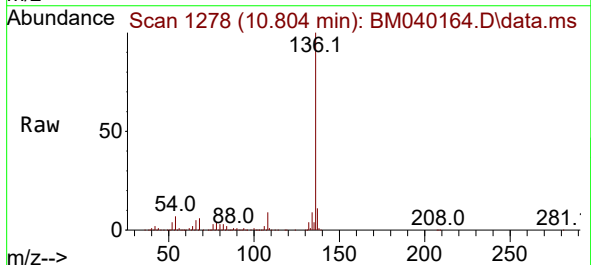
Instrument :
BNA_M
ClientSampleId :
GT-04

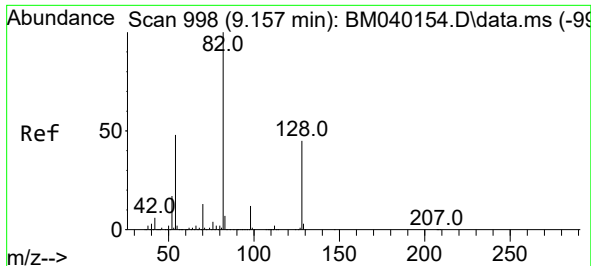
Tgt Ion: 99 Resp: 2413686
Ion Ratio Lower Upper
99 100
42 16.1 13.4 20.2
71 29.3 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.804 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BM040164.D
Acq: 08 Jun 2023 18:30

Tgt Ion:136 Resp: 1048825
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.2 6.2 9.4
68 5.9 5.0 7.4

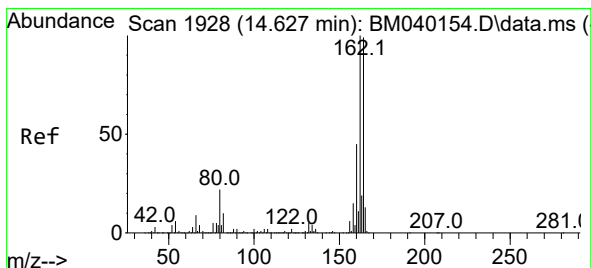
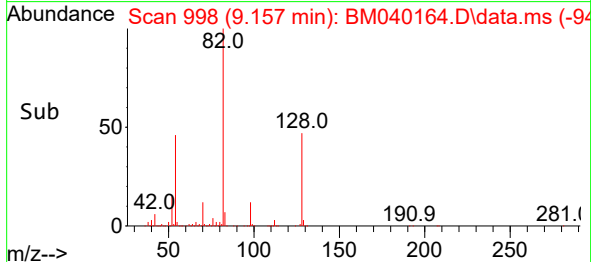
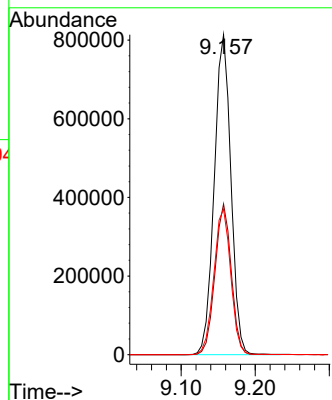
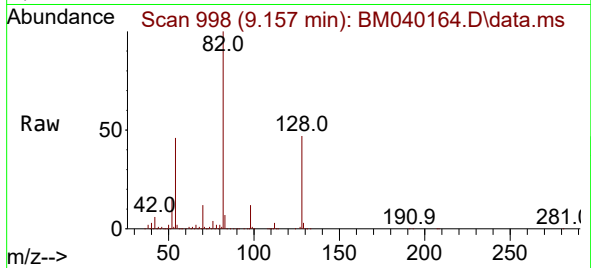




#23
Nitrobenzene-d5
Concen: 65.517 ng
RT: 9.157 min Scan# 998
Delta R.T. -0.000 min
Lab File: BM040164.D
Acq: 08 Jun 2023 18:30

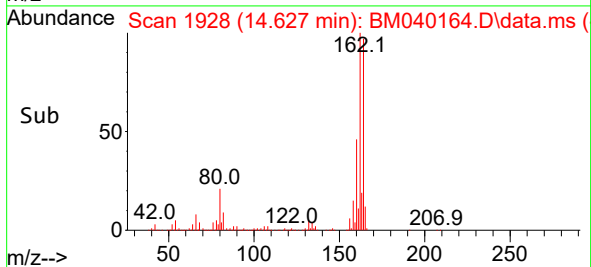
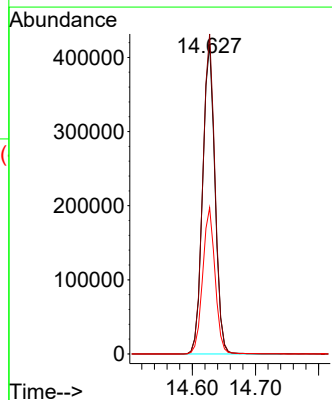
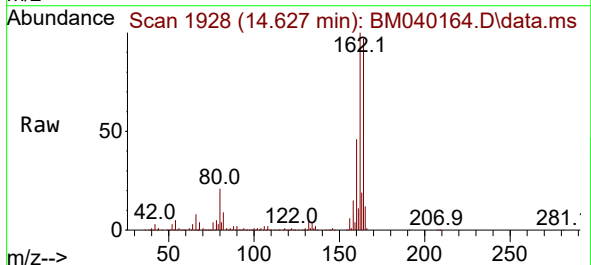
Instrument :
BNA_M
ClientSampleId :
GT-04

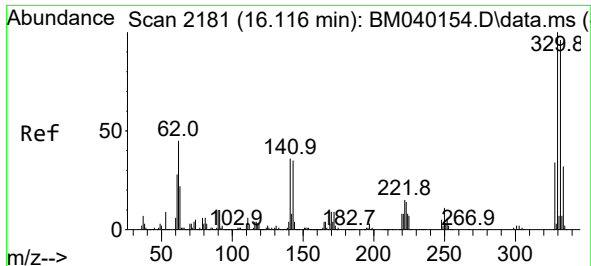
Tgt Ion: 82 Resp: 1269565
Ion Ratio Lower Upper
82 100
128 47.1 36.0 54.0
54 45.5 38.5 57.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.627 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BM040164.D
Acq: 08 Jun 2023 18:30

Tgt Ion:164 Resp: 564905
Ion Ratio Lower Upper
164 100
162 103.2 80.4 120.6
160 47.2 35.9 53.9

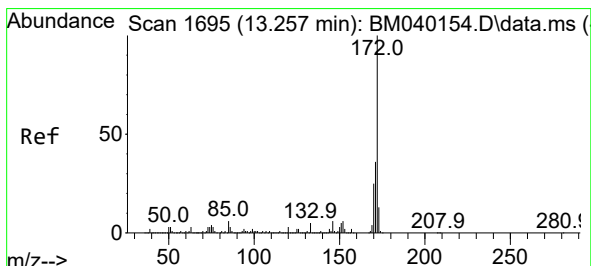
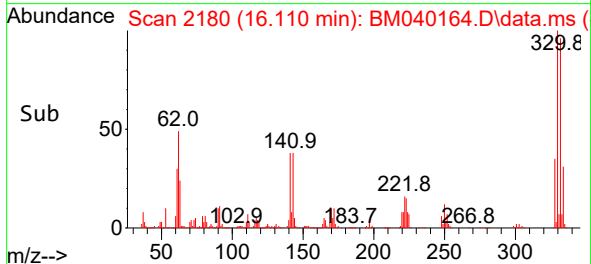
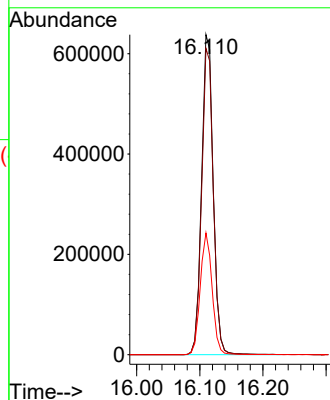
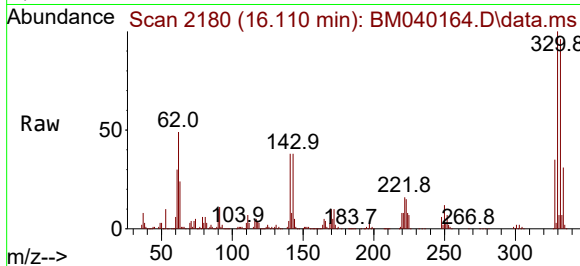




#42
2,4,6-Tribromophenol
Concen: 95.535 ng
RT: 16.110 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BM040164.D
Acq: 08 Jun 2023 18:30

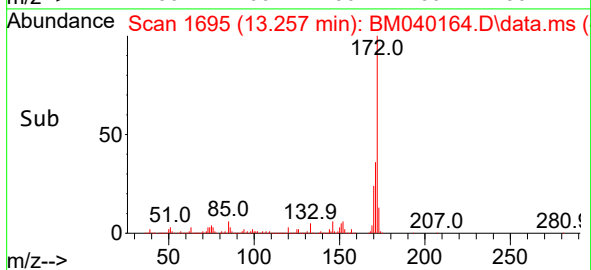
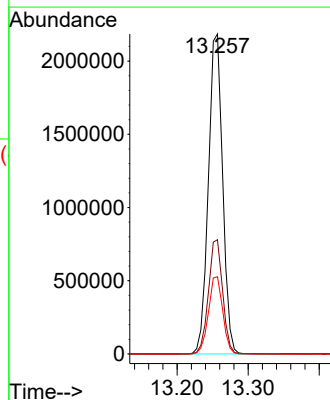
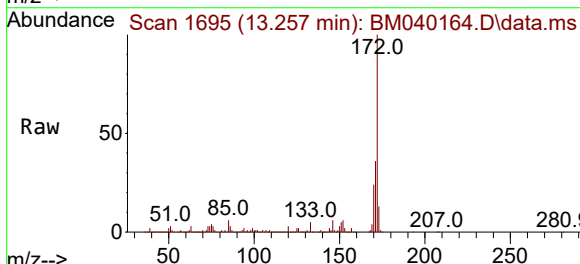
Instrument :
BNA_M
ClientSampleId :
GT-04

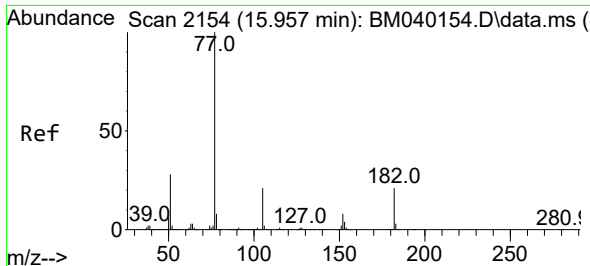
Tgt Ion:330 Resp: 811984
Ion Ratio Lower Upper
330 100
332 96.0 77.1 115.7
141 39.2 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 71.478 ng
RT: 13.257 min Scan# 1695
Delta R.T. -0.000 min
Lab File: BM040164.D
Acq: 08 Jun 2023 18:30

Tgt Ion:172 Resp: 3055015
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 24.2 19.8 29.6

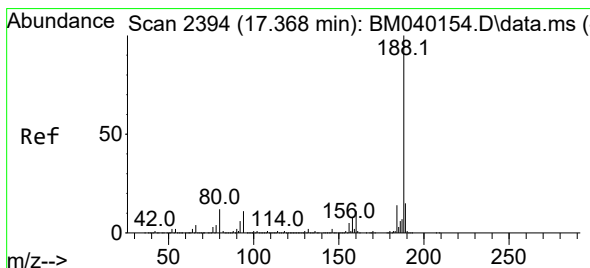
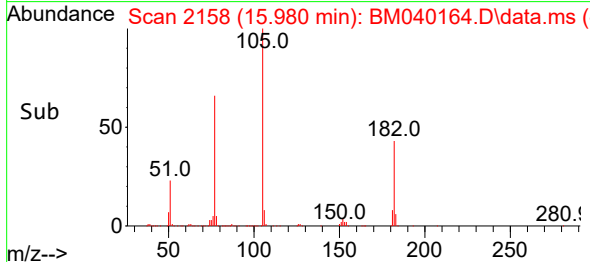
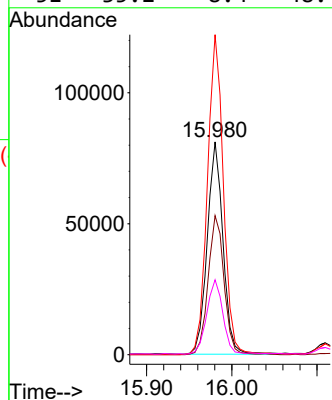
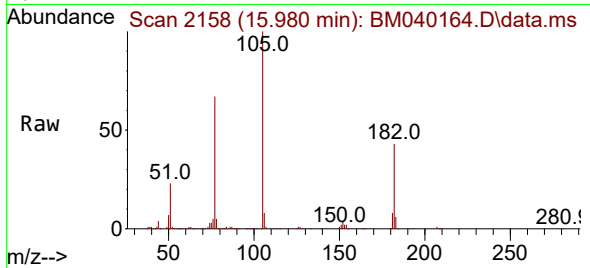




#63
Azobenzene
Concen: 2.396 ng
RT: 15.980 min Scan# 2154
Delta R.T. 0.023 min
Lab File: BM040164.D
Acq: 08 Jun 2023 18:30

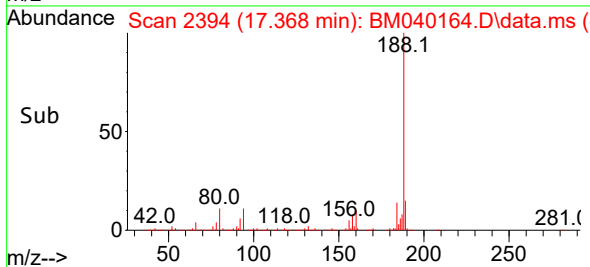
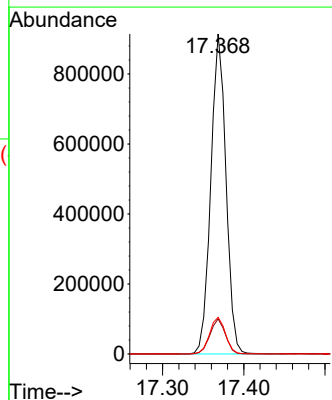
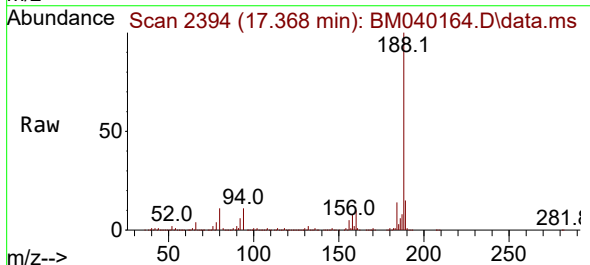
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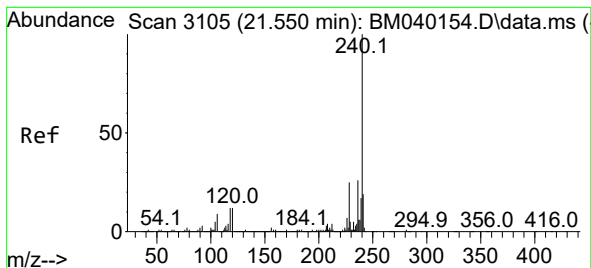
Tgt Ion: 77 Resp: 104142
Ion Ratio Lower Upper
77 100
182 65.3 1.1 41.1#
105 150.3 1.1 41.1#
51 35.2 8.4 48.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.368 min Scan# 2394
Delta R.T. -0.000 min
Lab File: BM040164.D
Acq: 08 Jun 2023 18:30

Tgt Ion:188 Resp: 1183951
Ion Ratio Lower Upper
188 100
94 10.9 8.9 13.3
80 11.5 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: BM040164.D

Acq: 08 Jun 2023 18:30

Instrument :

BNA_M

ClientSampleId :

GT-04

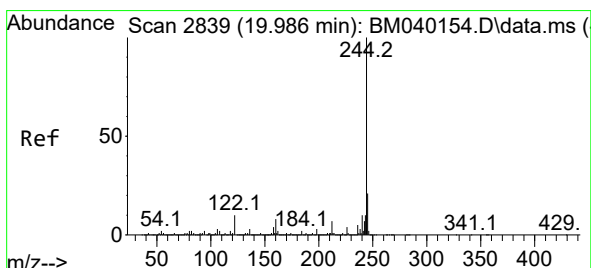
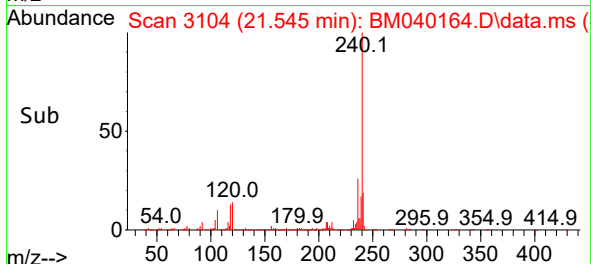
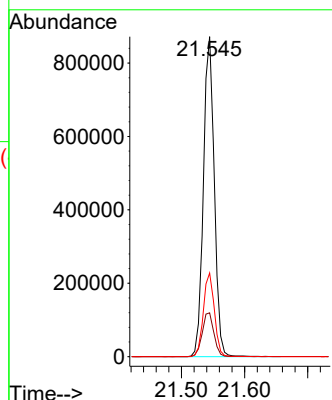
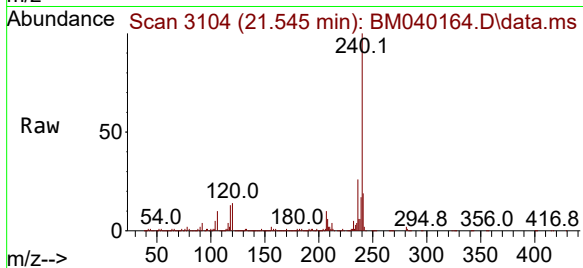
Tgt Ion:240 Resp: 1043938

Ion Ratio Lower Upper

240 100

120 13.7 9.9 14.9

236 26.2 21.1 31.7



#79

Terphenyl-d14

Concen: 95.049 ng

RT: 19.986 min Scan# 2839

Delta R.T. -0.000 min

Lab File: BM040164.D

Acq: 08 Jun 2023 18:30

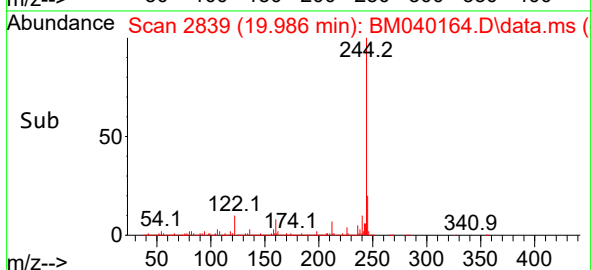
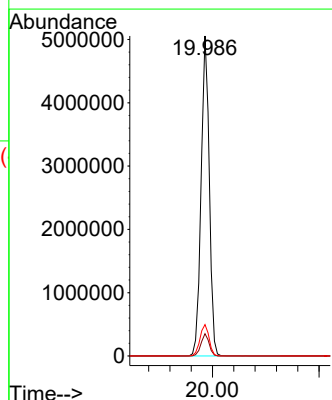
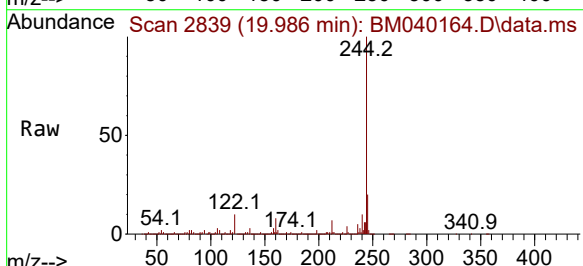
Tgt Ion:244 Resp: 5382745

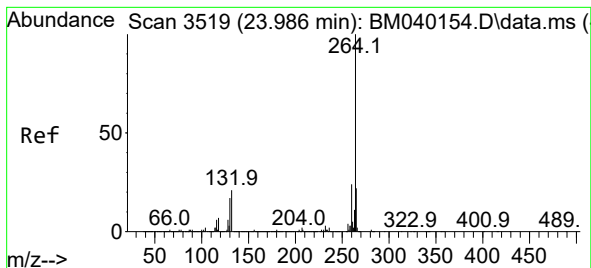
Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 9.8 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: BM040164.D

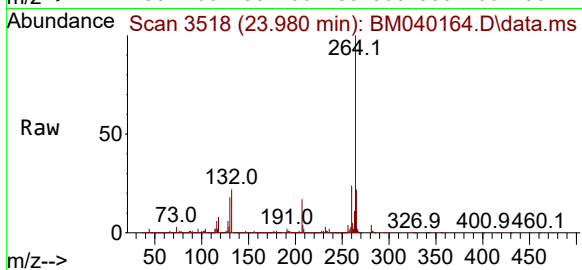
Acq: 08 Jun 2023 18:30

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Tgt Ion:264 Resp: 1247592

Ion Ratio Lower Upper

264 100

260 23.6 19.1 28.7

265 21.7 17.7 26.5

