

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060923\
 Data File : BM040203.D
 Acq On : 10 Jun 2023 00:01
 Operator : MA/JU
 Sample : PB153277BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB153277BL

Quant Time: Jun 10 04:45:08 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	276343	20.000	ng	0.00
21) Naphthalene-d8	10.799	136	1204819	20.000	ng	0.00
39) Acenaphthene-d10	14.622	164	754566	20.000	ng	0.00
64) Phenanthrene-d10	17.369	188	1745647	20.000	ng	# 0.00
76) Chrysene-d12	21.545	240	1593020	20.000	ng	0.00
86) Perylene-d12	23.980	264	1586246	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	2654863	143.449	ng	0.00
7) Phenol-d6	7.146	99	3341981	132.336	ng	0.00
23) Nitrobenzene-d5	9.152	82	1739987	78.168	ng	0.00
42) 2,4,6-Tribromophenol	16.110	330	1608939	141.721	ng	0.00
45) 2-Fluorobiphenyl	13.251	172	4781048	83.746	ng	0.00
79) Terphenyl-d14	19.986	244	9628855	111.423	ng	0.00

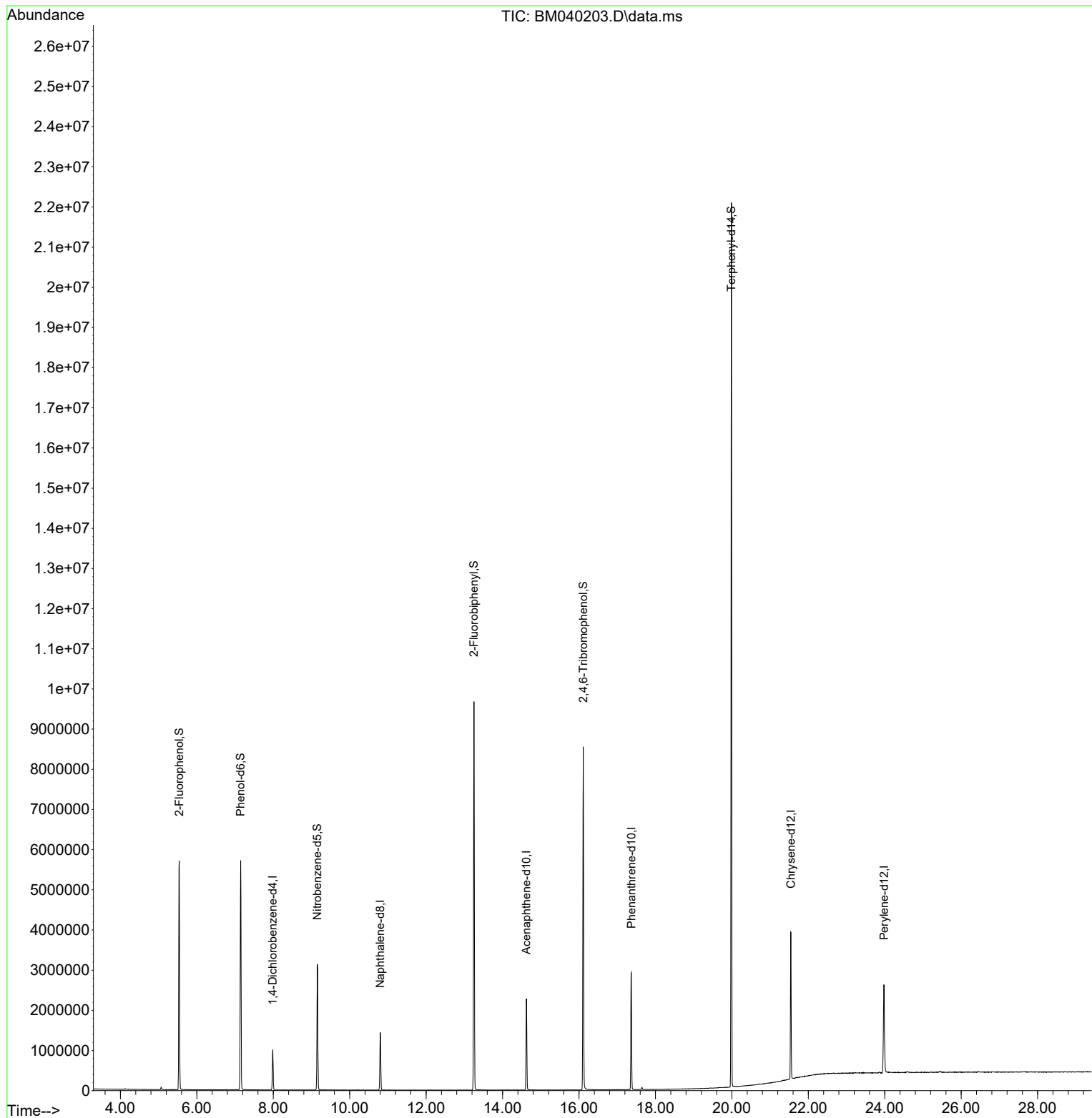
Target Compounds	Qvalue

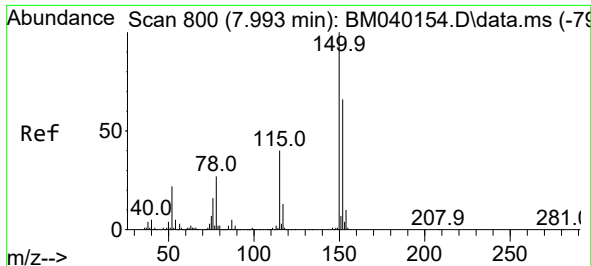
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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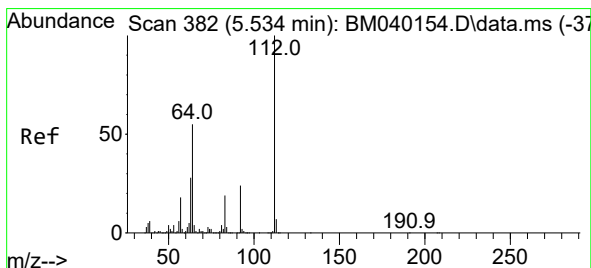
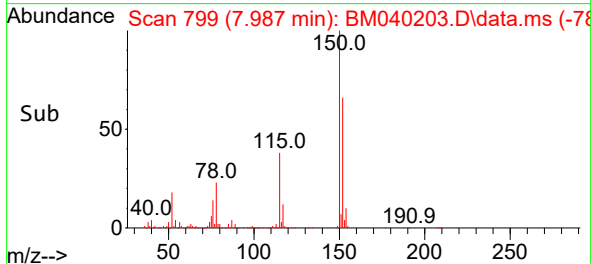
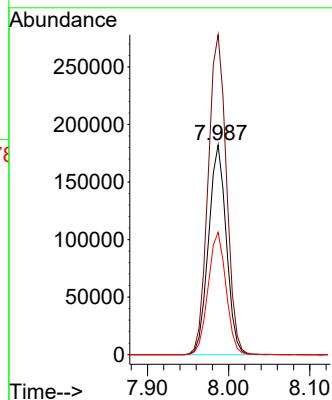
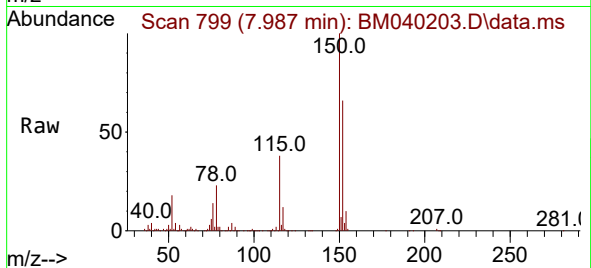




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.987 min Scan# 799
Delta R.T. -0.006 min
Lab File: BM040203.D
Acq: 10 Jun 2023 00:01

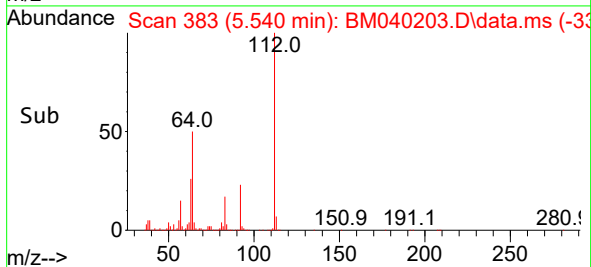
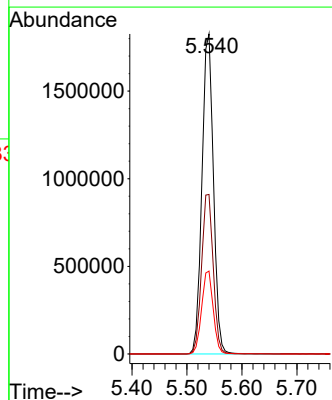
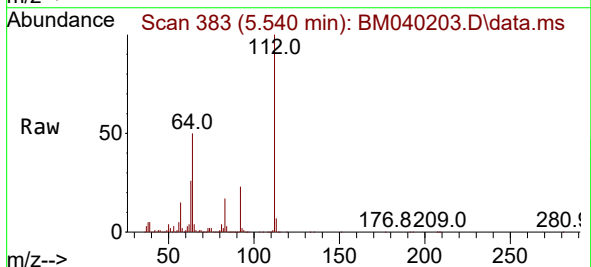
Instrument :
BNA_M
ClientSampleId :
PB153277BL

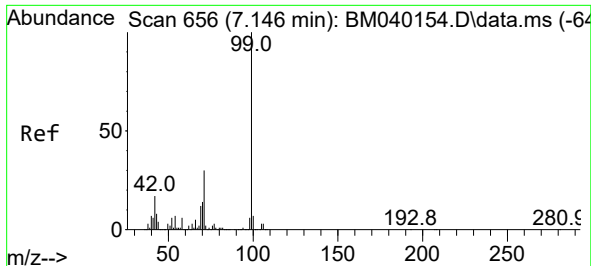
Tgt Ion:152 Resp: 276343
Ion Ratio Lower Upper
152 100
150 152.6 121.4 182.0
115 58.4 48.2 72.4



#5
2-Fluorophenol
Concen: 143.449 ng
RT: 5.540 min Scan# 383
Delta R.T. 0.006 min
Lab File: BM040203.D
Acq: 10 Jun 2023 00:01

Tgt Ion:112 Resp: 2654863
Ion Ratio Lower Upper
112 100
64 49.8 43.8 65.6
63 25.9 22.8 34.2



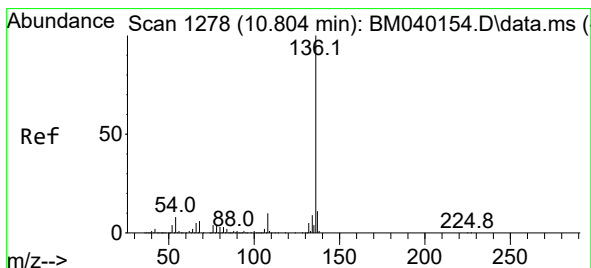
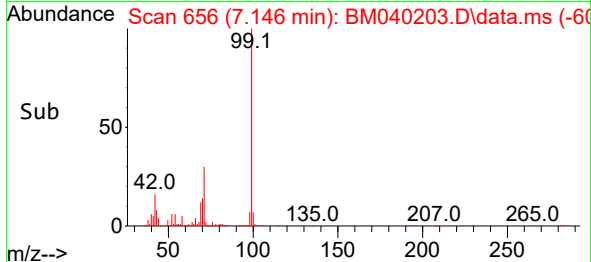
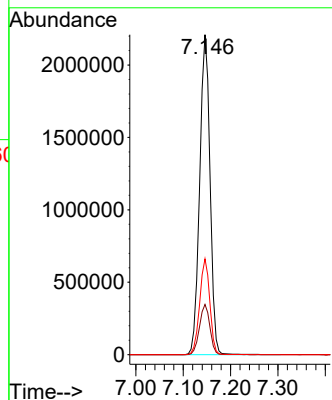
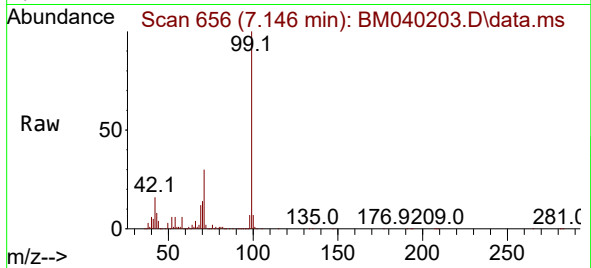


#7
Phenol-d6
Concen: 132.336 ng
RT: 7.146 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM040203.D
Acq: 10 Jun 2023 00:01

Instrument :
BNA_M
ClientSampleId :
PB153277BL

Tgt Ion: 99 Resp: 3341981

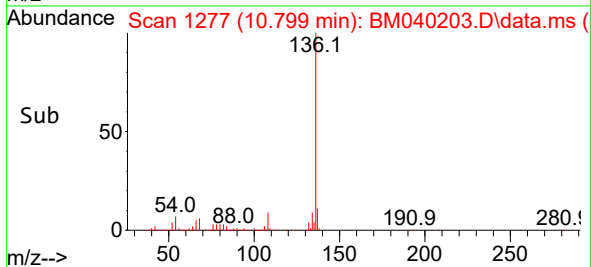
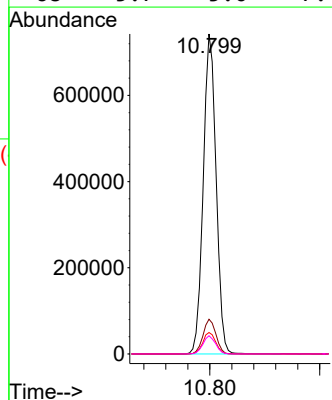
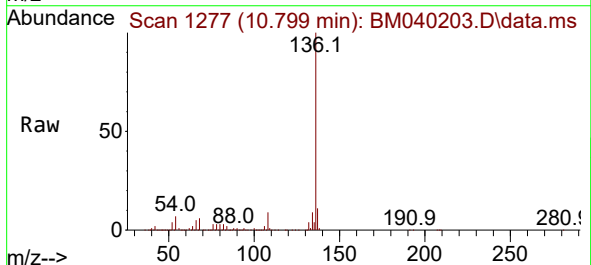
Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.4	20.2
71	29.9	24.3	36.5

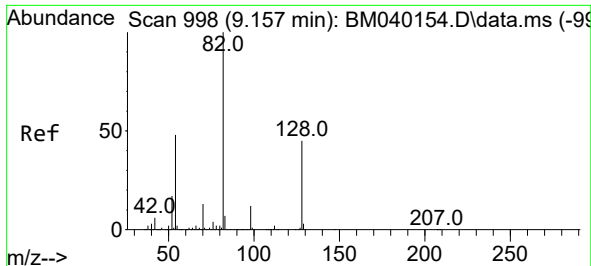


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.799 min Scan# 1277
Delta R.T. -0.005 min
Lab File: BM040203.D
Acq: 10 Jun 2023 00:01

Tgt Ion: 136 Resp: 1204819

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.7	6.2	9.4
68	5.7	5.0	7.4

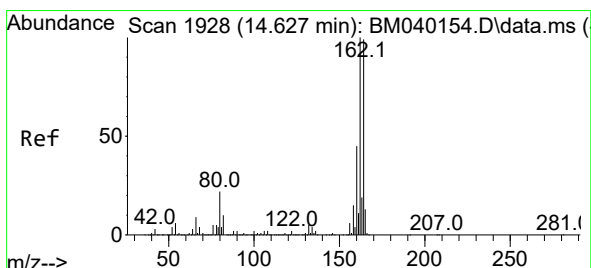
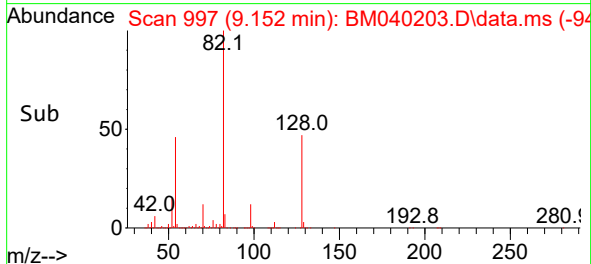
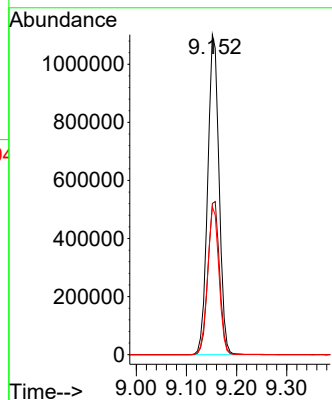
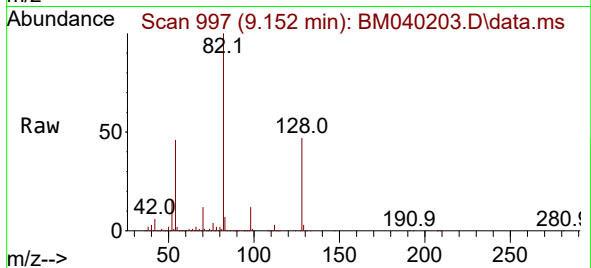




#23
Nitrobenzene-d5
Concen: 78.168 ng
RT: 9.152 min Scan# 998
Delta R.T. -0.006 min
Lab File: BM040203.D
Acq: 10 Jun 2023 00:01

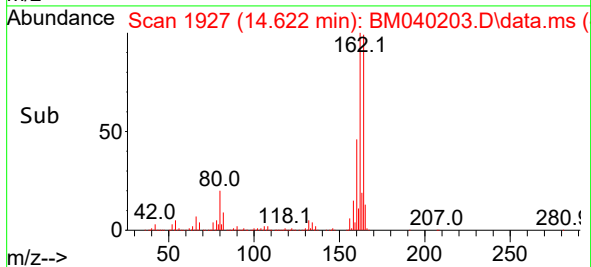
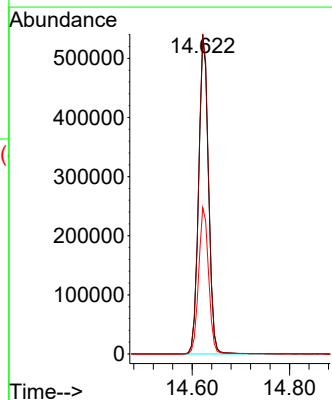
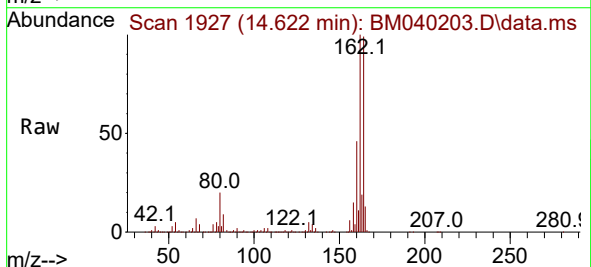
Instrument :
BNA_M
ClientSampleId :
PB153277BL

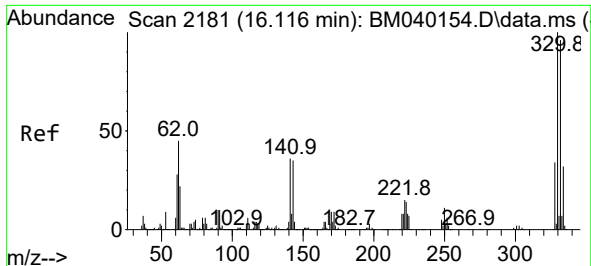
Tgt Ion: 82 Resp: 1739987
Ion Ratio Lower Upper
82 100
128 47.2 36.0 54.0
54 46.2 38.5 57.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.622 min Scan# 1927
Delta R.T. -0.005 min
Lab File: BM040203.D
Acq: 10 Jun 2023 00:01

Tgt Ion: 164 Resp: 754566
Ion Ratio Lower Upper
164 100
162 101.4 80.4 120.6
160 46.4 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 141.721 ng

RT: 16.110 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM040203.D

Acq: 10 Jun 2023 00:01

Instrument :

BNA_M

ClientSampleId :

PB153277BL

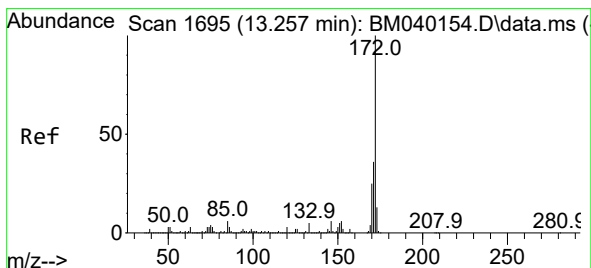
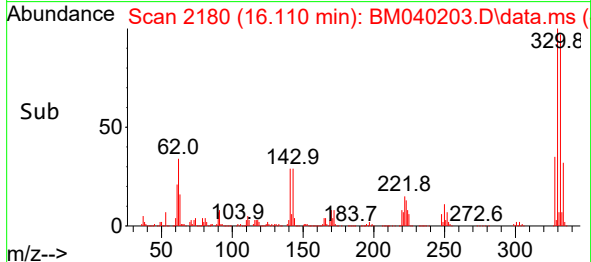
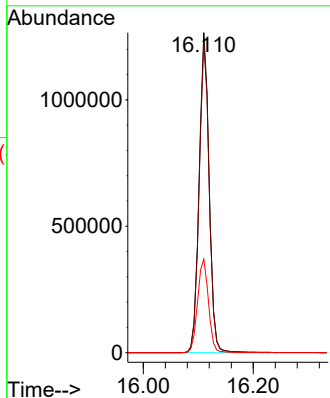
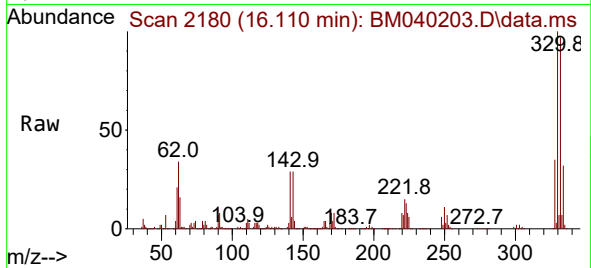
Tgt Ion:330 Resp: 1608939

Ion Ratio Lower Upper

330 100

332 97.4 77.1 115.7

141 31.8 31.6 47.4



#45

2-Fluorobiphenyl

Concen: 83.746 ng

RT: 13.251 min Scan# 1694

Delta R.T. -0.006 min

Lab File: BM040203.D

Acq: 10 Jun 2023 00:01

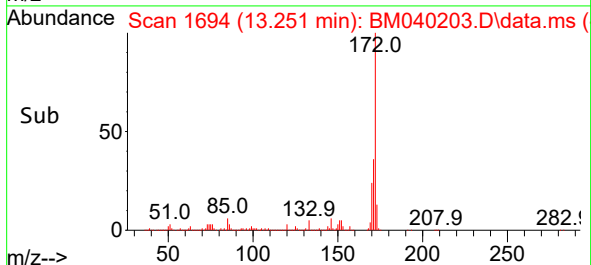
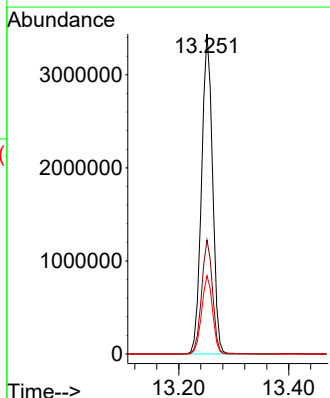
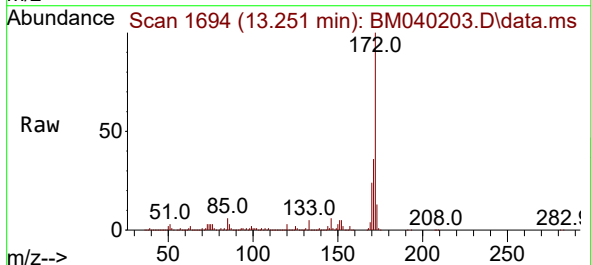
Tgt Ion:172 Resp: 4781048

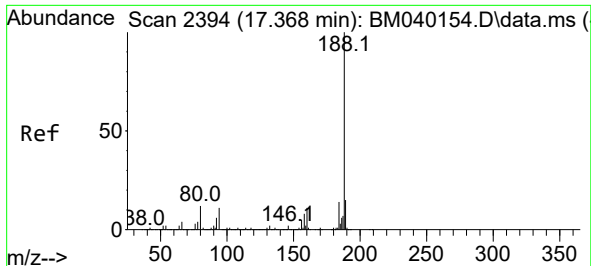
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 24.5 19.8 29.6

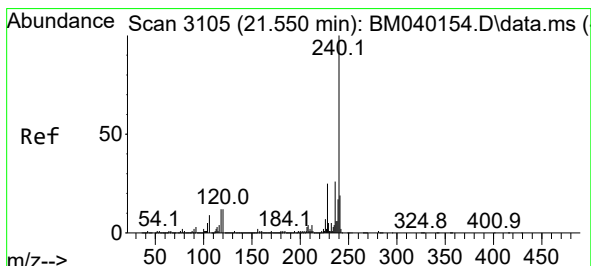
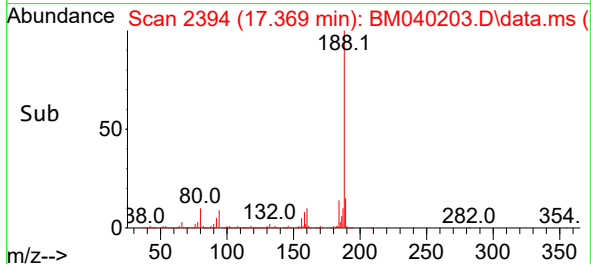
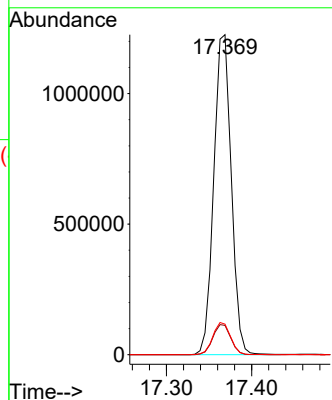
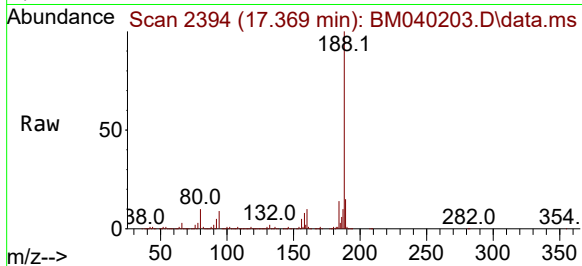




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.369 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM040203.D
Acq: 10 Jun 2023 00:01

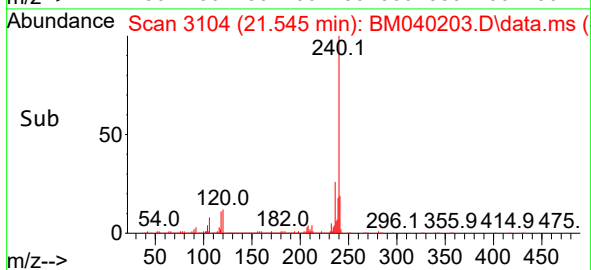
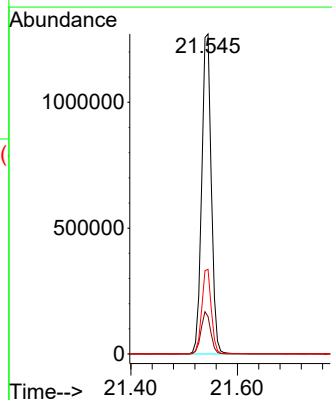
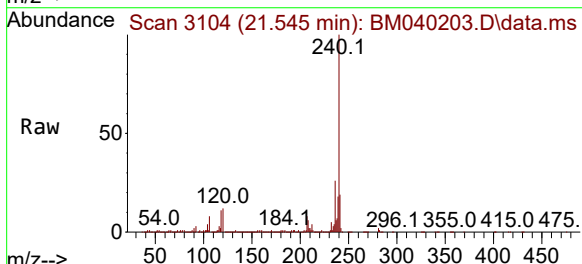
Instrument :
BNA_M
ClientSampleId :
PB153277BL

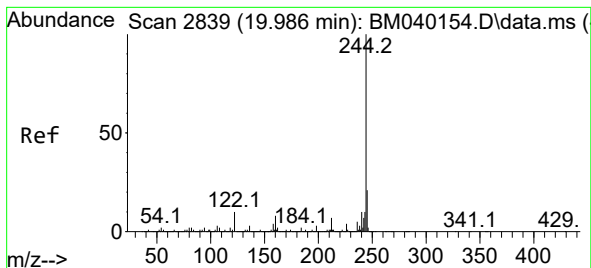
Tgt Ion:188 Resp: 1745647
Ion Ratio Lower Upper
188 100
94 9.1 8.9 13.3
80 9.6 9.6 14.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.545 min Scan# 3104
Delta R.T. -0.006 min
Lab File: BM040203.D
Acq: 10 Jun 2023 00:01

Tgt Ion:240 Resp: 1593020
Ion Ratio Lower Upper
240 100
120 11.7 9.9 14.9
236 26.4 21.1 31.7





#79

Terphenyl-d14

Concen: 111.423 ng

RT: 19.986 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM040203.D

Acq: 10 Jun 2023 00:01

Instrument :

BNA_M

ClientSampleId :

PB153277BL

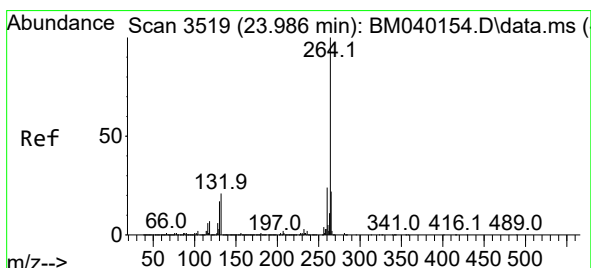
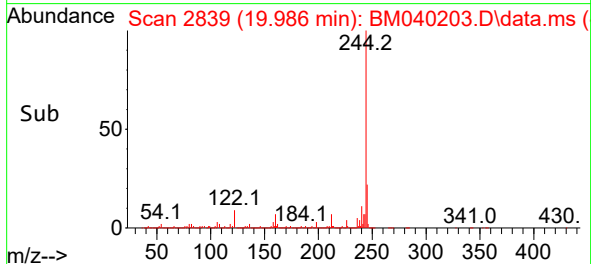
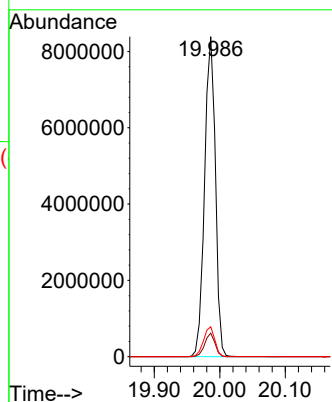
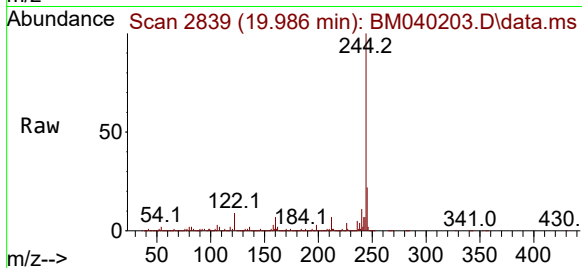
Tgt Ion:244 Resp: 9628855

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

122 9.4 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: BM040203.D

Acq: 10 Jun 2023 00:01

Tgt Ion:264 Resp: 1586246

Ion Ratio Lower Upper

264 100

260 23.5 19.1 28.7

265 21.6 17.7 26.5

