

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060923\
 Data File : BM040212.D
 Acq On : 10 Jun 2023 05:29
 Operator : MA/JU
 Sample : 03096-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-24-0A

Quant Time: Jun 10 06:36:35 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	7.986	152	347484	20.000	ng	0.00
21) Naphthalene-d8	10.798	136	1521680	20.000	ng	0.00
39) Acenaphthene-d10	14.621	164	971357	20.000	ng	0.00
64) Phenanthrene-d10	17.362	188	2223359	20.000	ng	0.00
76) Chrysene-d12	21.539	240	2006323	20.000	ng	-0.01
86) Perylene-d12	23.974	264	2118044	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1967737	84.555	ng	0.00
7) Phenol-d6	7.145	99	2551892	80.362	ng	0.00
23) Nitrobenzene-d5	9.151	82	1355371	48.210	ng	0.00
42) 2,4,6-Tribromophenol	16.109	330	1241716	84.964	ng	0.00
45) 2-Fluorobiphenyl	13.251	172	3615398	49.194	ng	0.00
79) Terphenyl-d14	19.980	244	6742783	61.952	ng	0.00

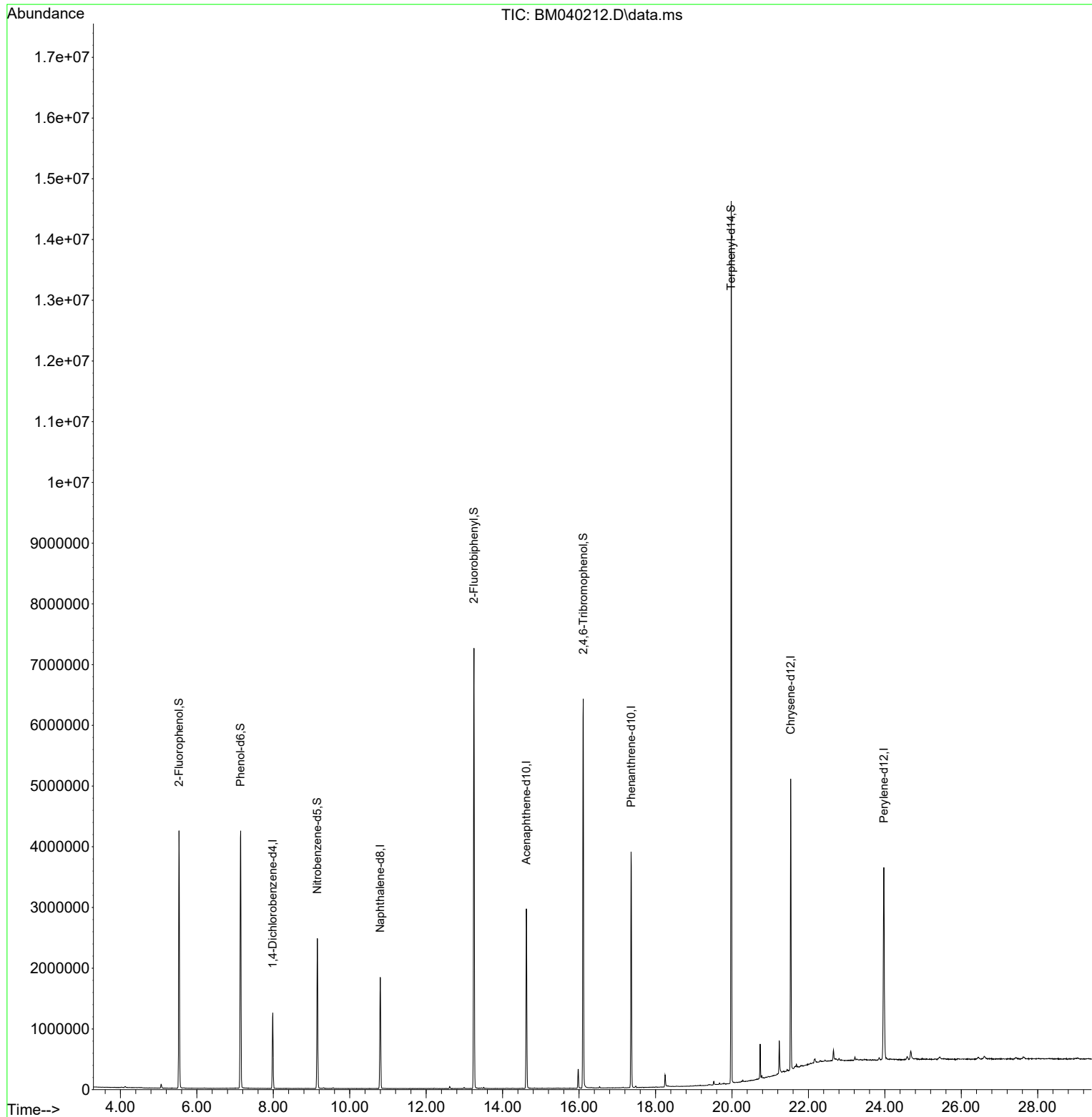
Target Compounds	Qvalue

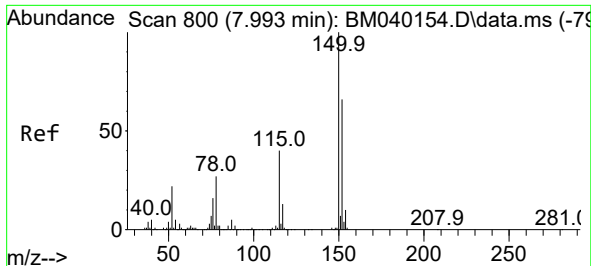
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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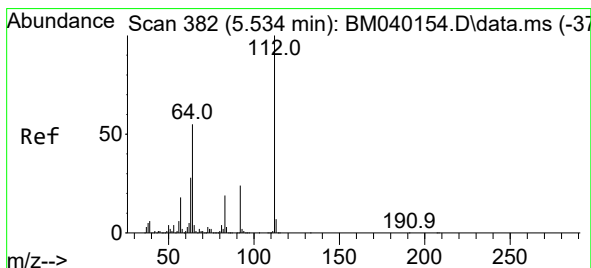
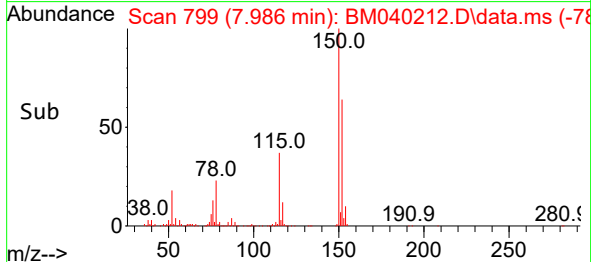
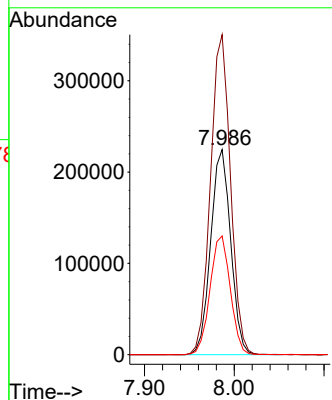
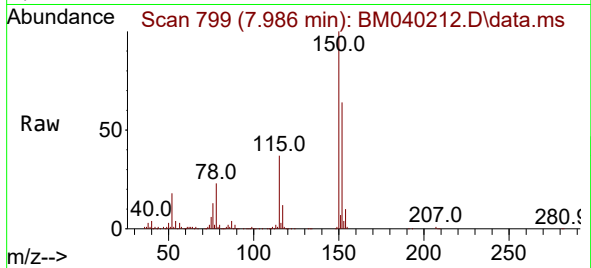




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.986 min Scan# 799
Delta R.T. -0.007 min
Lab File: BM040212.D
Acq: 10 Jun 2023 05:29

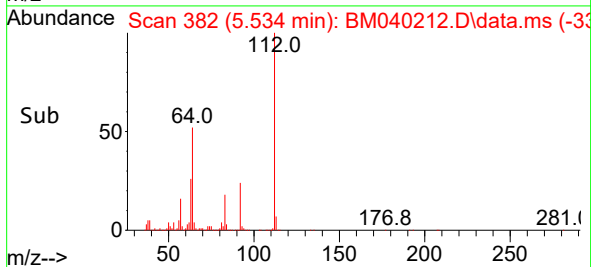
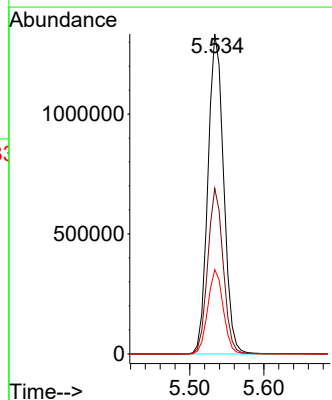
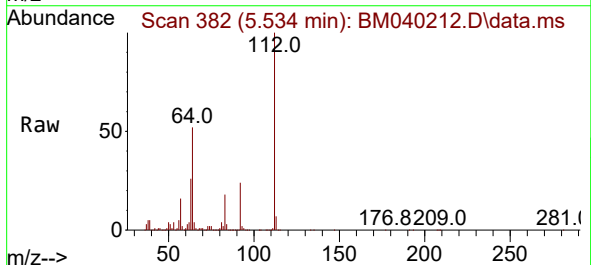
Instrument :
BNA_M
ClientSampleId :
TP-24-0A

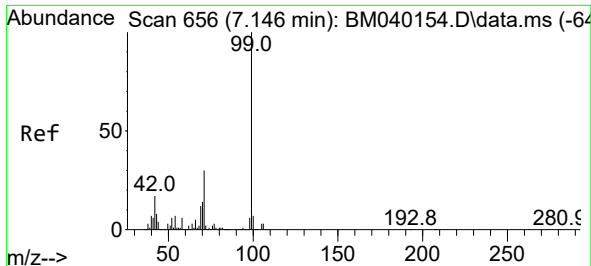
Tgt Ion:152 Resp: 347484
Ion Ratio Lower Upper
152 100
150 156.0 121.4 182.0
115 57.9 48.2 72.4



#5
2-Fluorophenol
Concen: 84.555 ng
RT: 5.534 min Scan# 382
Delta R.T. -0.000 min
Lab File: BM040212.D
Acq: 10 Jun 2023 05:29

Tgt Ion:112 Resp: 1967737
Ion Ratio Lower Upper
112 100
64 51.7 43.8 65.6
63 26.3 22.8 34.2



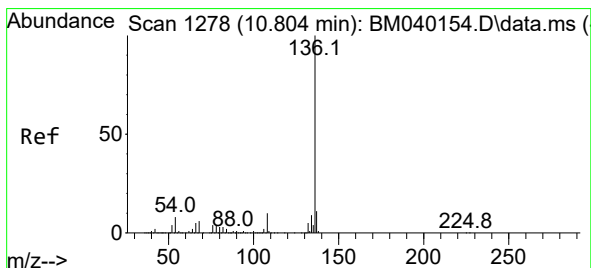
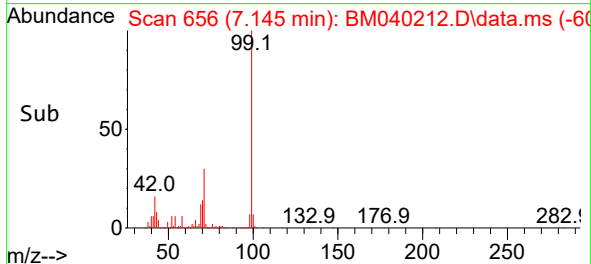
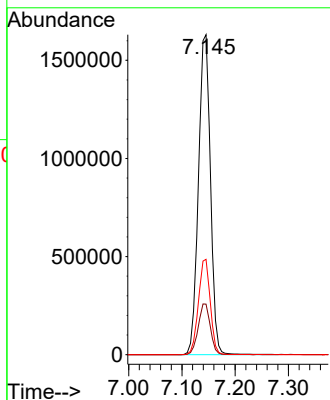
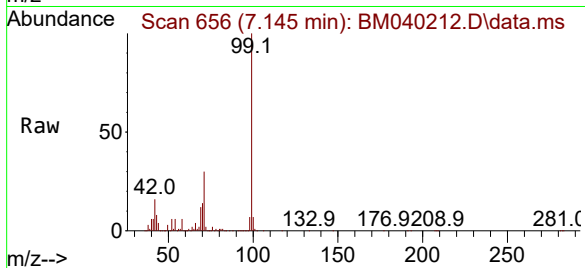


#7
Phenol-d6
Concen: 80.362 ng
RT: 7.145 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM040212.D
Acq: 10 Jun 2023 05:29

Instrument :
BNA_M
ClientSampleId :
TP-24-0A

Tgt Ion: 99 Resp: 2551892

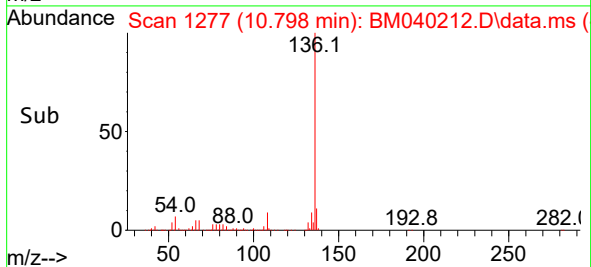
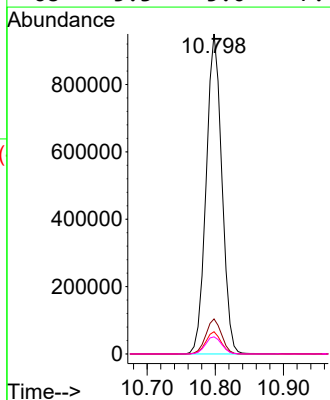
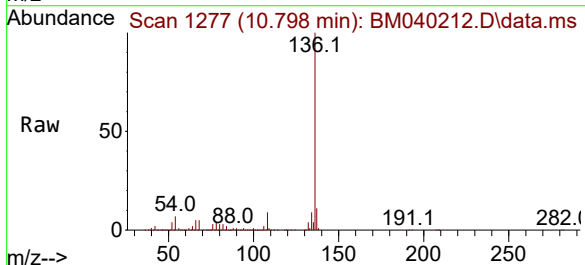
Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.4	20.2
71	29.8	24.3	36.5

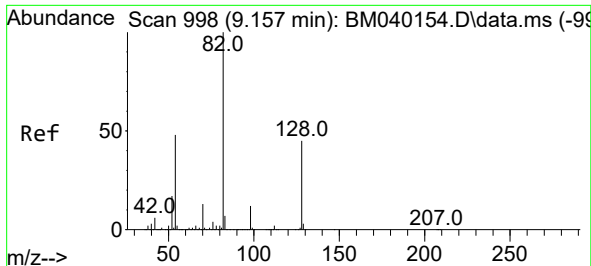


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.798 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BM040212.D
Acq: 10 Jun 2023 05:29

Tgt Ion: 136 Resp: 1521680

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.0	6.2	9.4
68	5.3	5.0	7.4

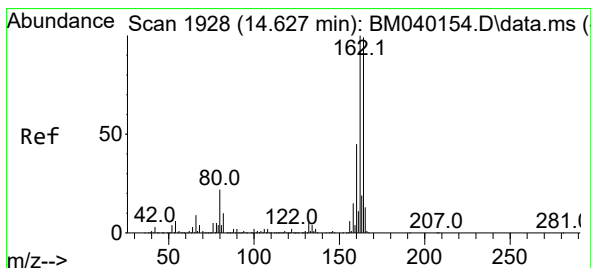
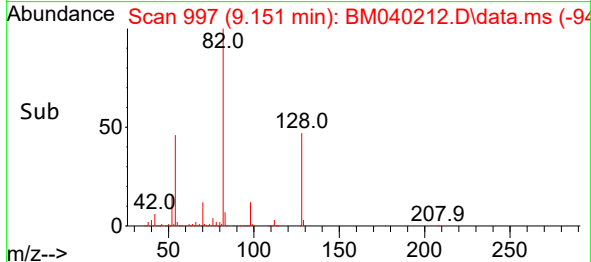
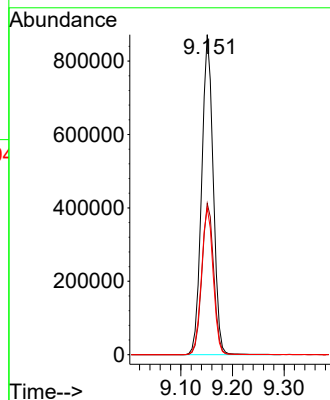
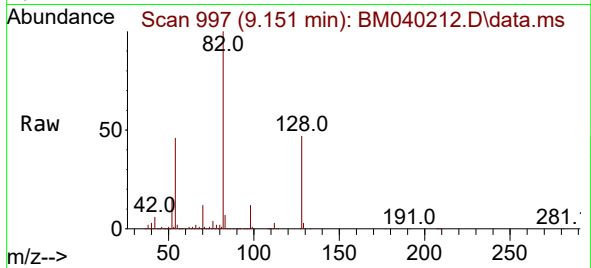




#23
Nitrobenzene-d5
Concen: 48.210 ng
RT: 9.151 min Scan# 998
Delta R.T. -0.006 min
Lab File: BM040212.D
Acq: 10 Jun 2023 05:29

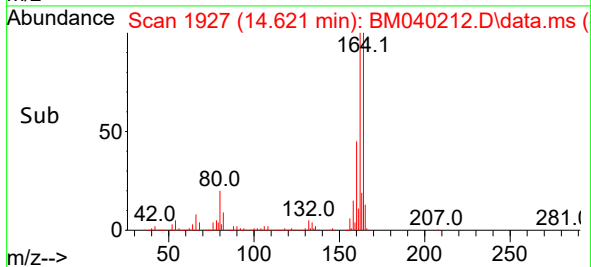
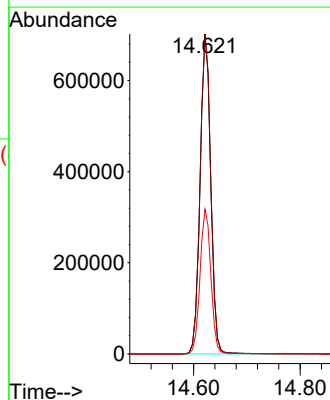
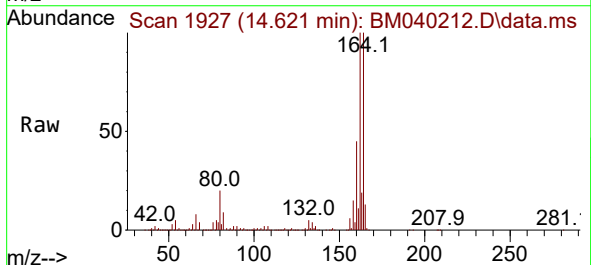
Instrument :
BNA_M
ClientSampleId :
TP-24-0A

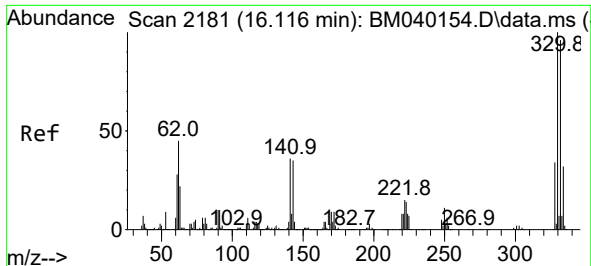
Tgt Ion: 82 Resp: 1355371
Ion Ratio Lower Upper
82 100
128 47.2 36.0 54.0
54 45.9 38.5 57.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.621 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BM040212.D
Acq: 10 Jun 2023 05:29

Tgt Ion:164 Resp: 971357
Ion Ratio Lower Upper
164 100
162 99.9 80.4 120.6
160 45.2 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 84.964 ng

RT: 16.109 min Scan# 21

Delta R.T. -0.007 min

Lab File: BM040212.D

Acq: 10 Jun 2023 05:29

Instrument :

BNA_M

ClientSampleId :

TP-24-0A

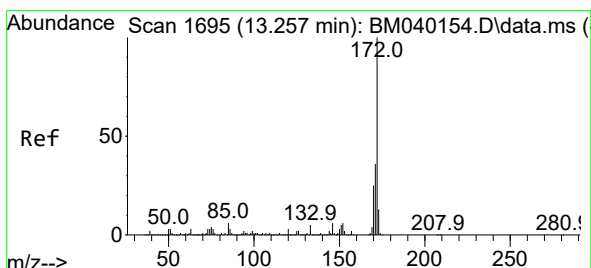
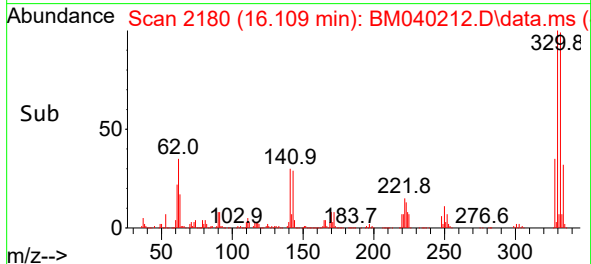
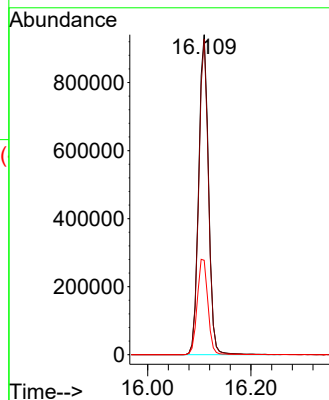
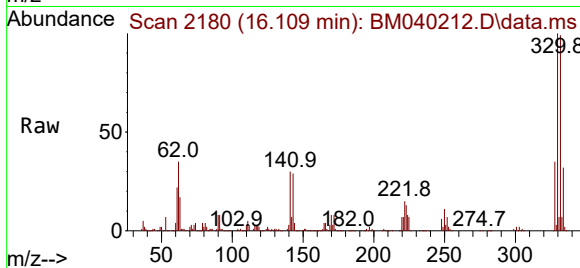
Tgt Ion:330 Resp: 1241716

Ion Ratio Lower Upper

330 100

332 97.1 77.1 115.7

141 32.3 31.6 47.4



#45

2-Fluorobiphenyl

Concen: 49.194 ng

RT: 13.251 min Scan# 1694

Delta R.T. -0.006 min

Lab File: BM040212.D

Acq: 10 Jun 2023 05:29

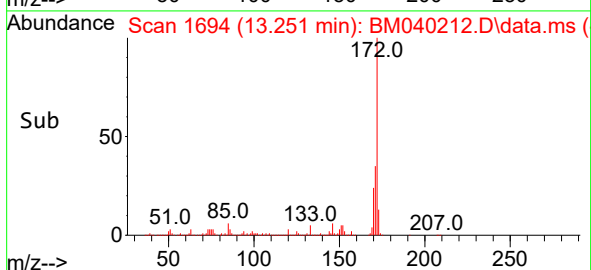
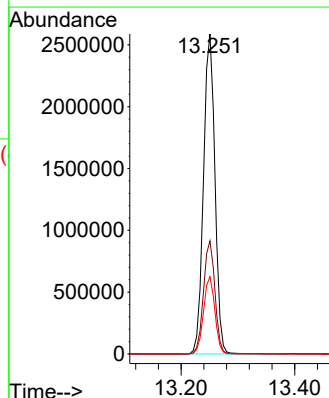
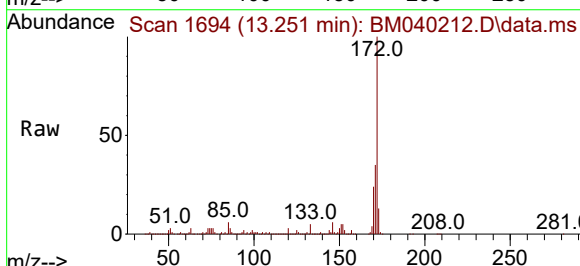
Tgt Ion:172 Resp: 3615398

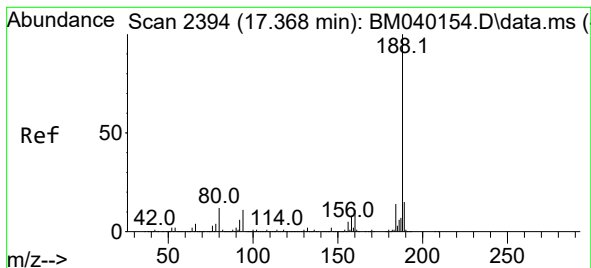
Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 24.1 19.8 29.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.362 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM040212.D

Acq: 10 Jun 2023 05:29

Instrument :

BNA_M

ClientSampleId :

TP-24-0A

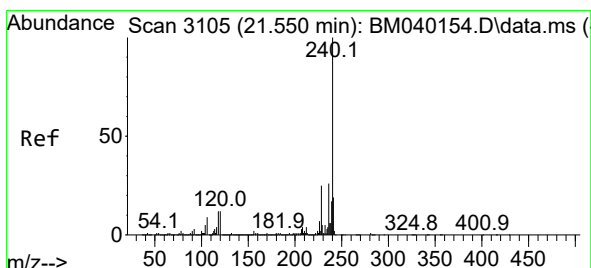
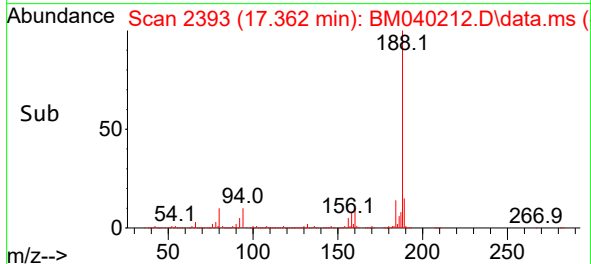
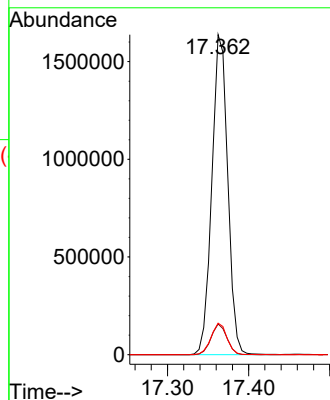
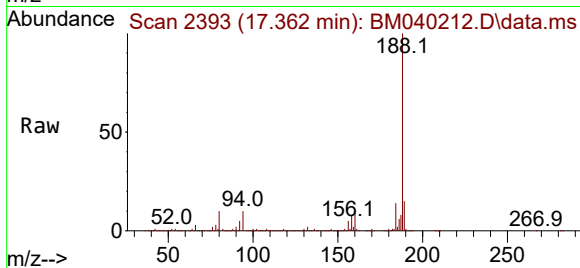
Tgt Ion:188 Resp: 2223359

Ion Ratio Lower Upper

188 100

94 9.6 8.9 13.3

80 9.9 9.6 14.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.539 min Scan# 3103

Delta R.T. -0.012 min

Lab File: BM040212.D

Acq: 10 Jun 2023 05:29

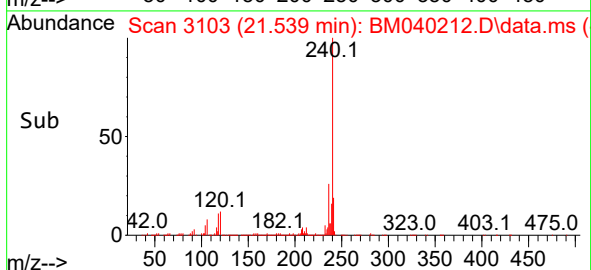
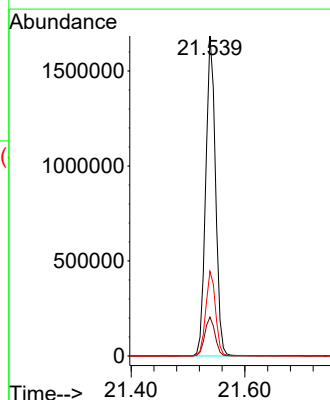
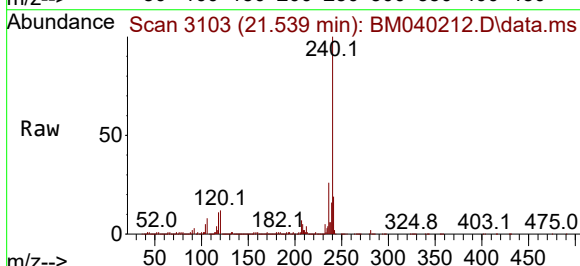
Tgt Ion:240 Resp: 2006323

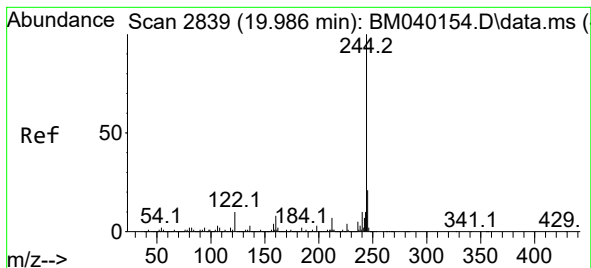
Ion Ratio Lower Upper

240 100

120 12.2 9.9 14.9

236 26.4 21.1 31.7





#79

Terphenyl-d14

Concen: 61.952 ng

RT: 19.980 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM040212.D

Acq: 10 Jun 2023 05:29

Instrument :

BNA_M

ClientSampleId :

TP-24-0A

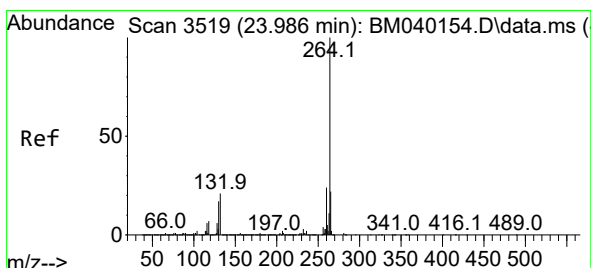
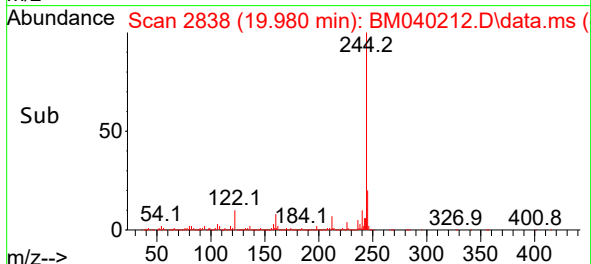
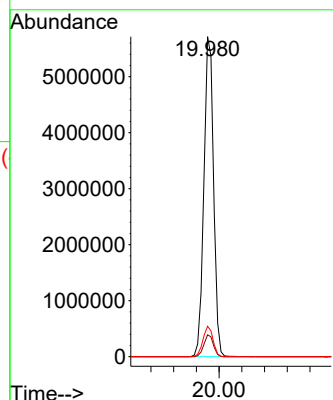
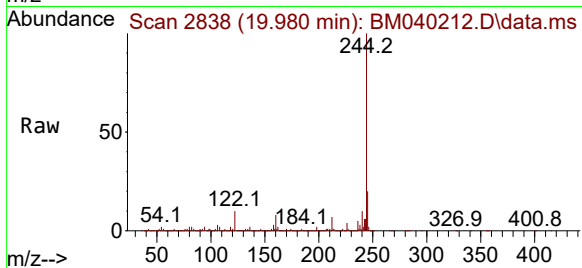
Tgt Ion:244 Resp: 6742783

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 9.5 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.974 min Scan# 3517

Delta R.T. -0.012 min

Lab File: BM040212.D

Acq: 10 Jun 2023 05:29

Tgt Ion:264 Resp: 2118044

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 21.6 17.7 26.5

