

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060823\
 Data File : BM040180.D
 Acq On : 09 Jun 2023 05:21
 Operator : MA/JU
 Sample : 03050-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-23-0A

Quant Time: Jun 09 05:51:34 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	315572	20.000	ng	0.00
21) Naphthalene-d8	10.798	136	1349812	20.000	ng	0.00
39) Acenaphthene-d10	14.621	164	802160	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	1745202	20.000	ng	0.00
76) Chrysene-d12	21.545	240	1614899	20.000	ng	0.00
86) Perylene-d12	23.980	264	1890863	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1373864	65.006	ng	0.00
7) Phenol-d6	7.145	99	1744375	60.487	ng	0.00
23) Nitrobenzene-d5	9.151	82	937659	37.599	ng	0.00
42) 2,4,6-Tribromophenol	16.110	330	728730	60.380	ng	0.00
45) 2-Fluorobiphenyl	13.251	172	2363341	38.941	ng	0.00
79) Terphenyl-d14	19.986	244	4122028	47.053	ng	0.00

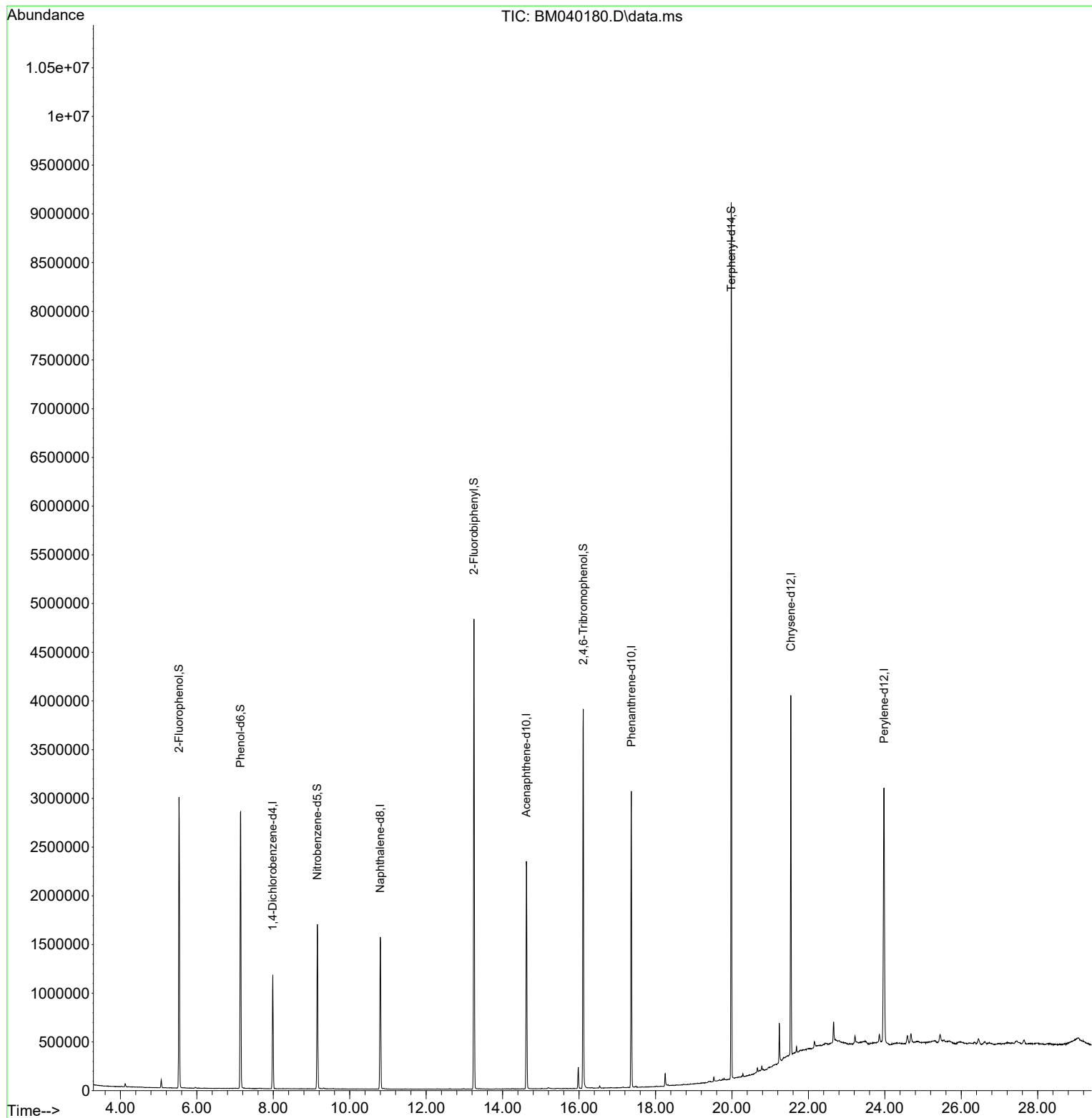
Target Compounds	Qvalue

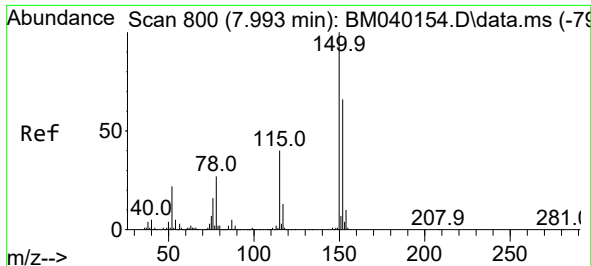
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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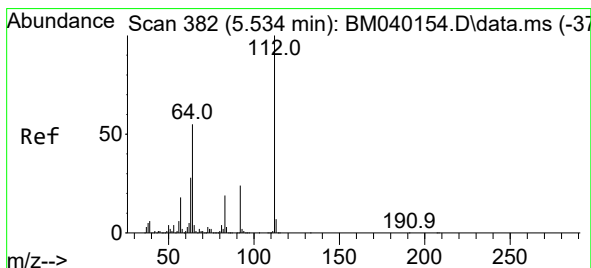
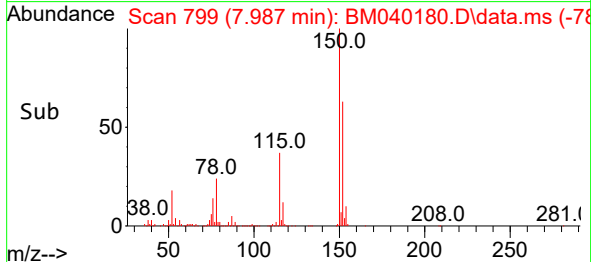
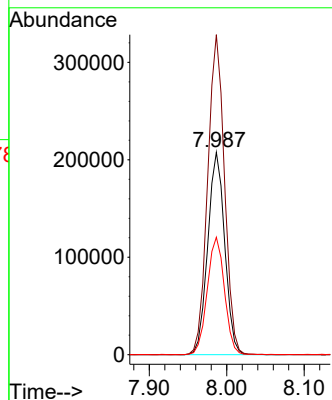
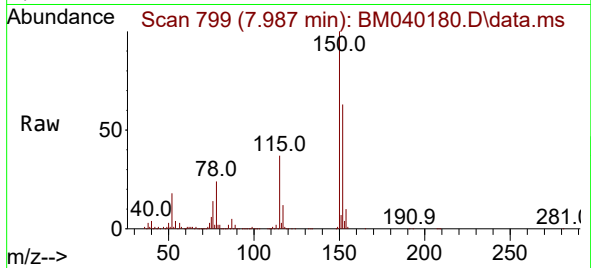




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.987 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BM040180.D
 Acq: 09 Jun 2023 05:21

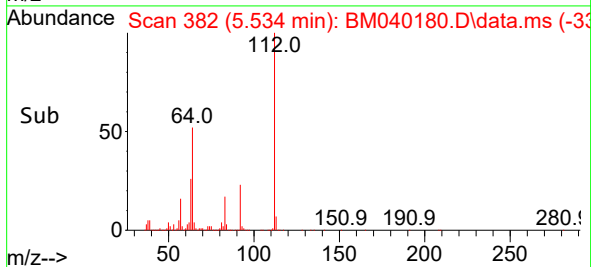
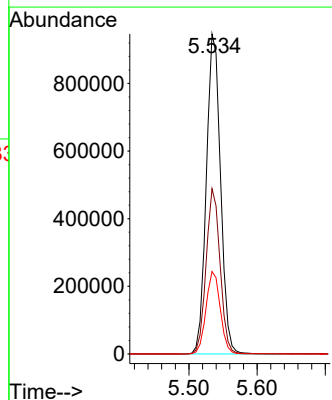
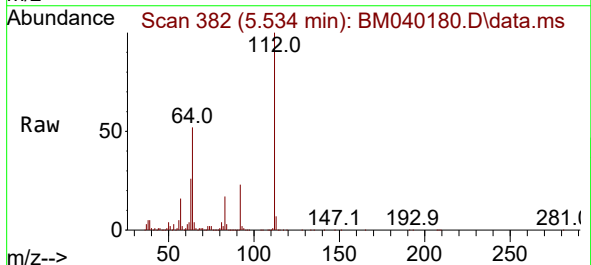
Instrument :
 BNA_M
 ClientSampleId :
 TP-23-0A

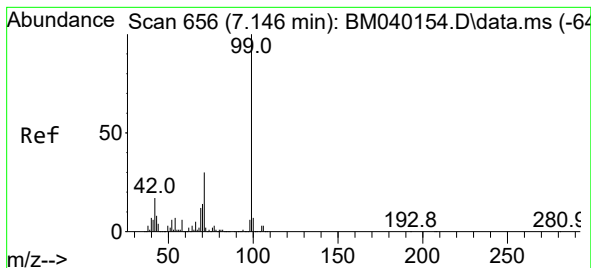
Tgt Ion:152 Resp: 315572
 Ion Ratio Lower Upper
 152 100
 150 158.1 121.4 182.0
 115 58.0 48.2 72.4



#5
 2-Fluorophenol
 Concen: 65.006 ng
 RT: 5.534 min Scan# 382
 Delta R.T. -0.000 min
 Lab File: BM040180.D
 Acq: 09 Jun 2023 05:21

Tgt Ion:112 Resp: 1373864
 Ion Ratio Lower Upper
 112 100
 64 51.6 43.8 65.6
 63 25.8 22.8 34.2





#7

Phenol-d6

Concen: 60.487 ng

RT: 7.145 min Scan# 61

Delta R.T. -0.000 min

Lab File: BM040180.D

Acq: 09 Jun 2023 05:21

Instrument :

BNA_M

ClientSampleId :

TP-23-0A

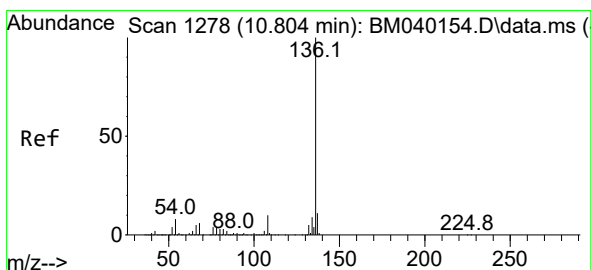
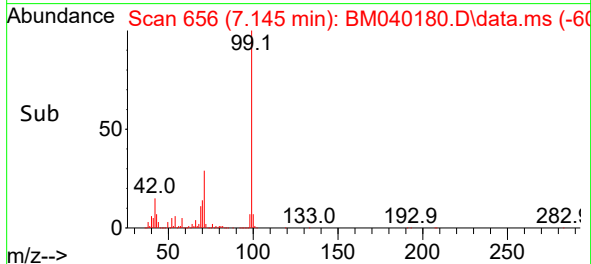
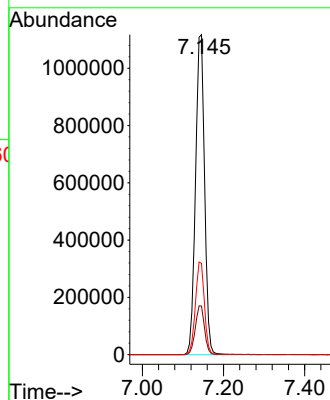
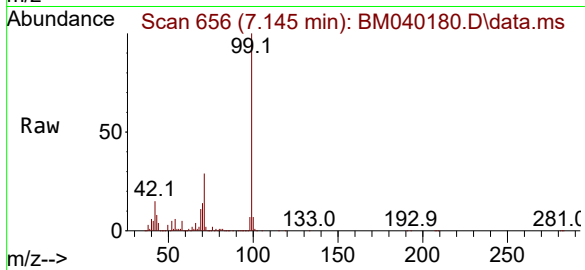
Tgt Ion: 99 Resp: 1744375

Ion Ratio Lower Upper

99 100

42 15.2 13.4 20.2

71 28.6 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: BM040180.D

Acq: 09 Jun 2023 05:21

Tgt Ion:136 Resp: 1349812

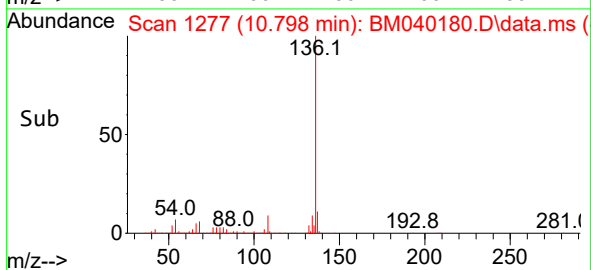
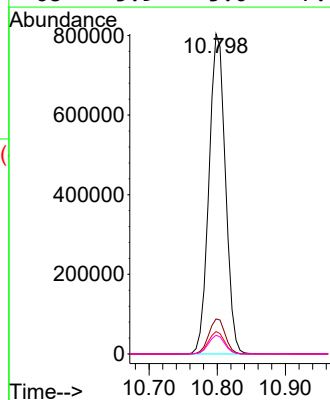
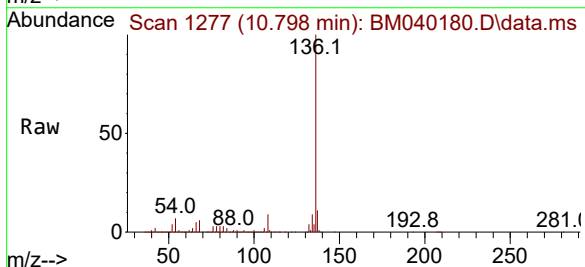
Ion Ratio Lower Upper

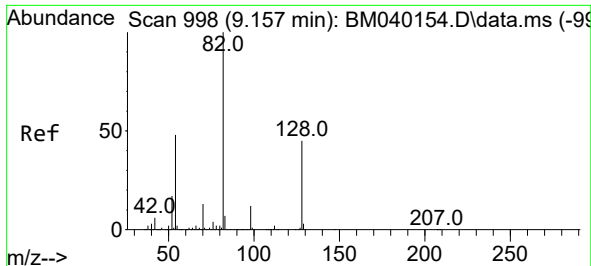
136 100

137 11.0 8.8 13.2

54 7.0 6.2 9.4

68 5.9 5.0 7.4

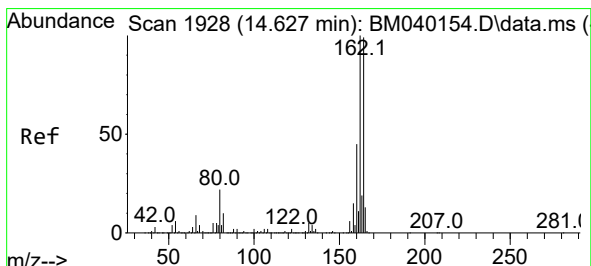
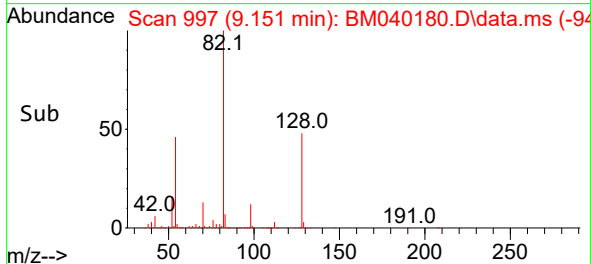
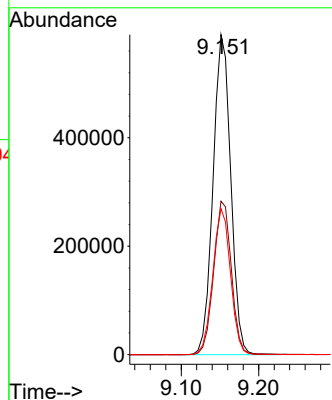
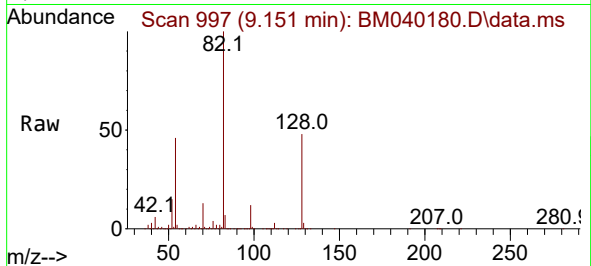




#23
Nitrobenzene-d5
Concen: 37.599 ng
RT: 9.151 min Scan# 998
Delta R.T. -0.006 min
Lab File: BM040180.D
Acq: 09 Jun 2023 05:21

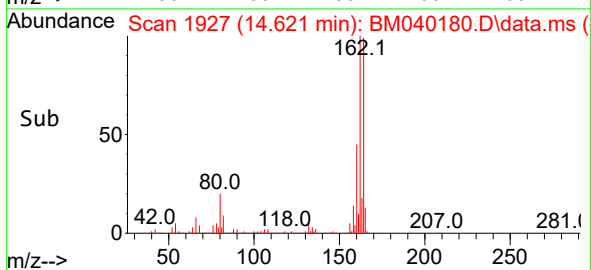
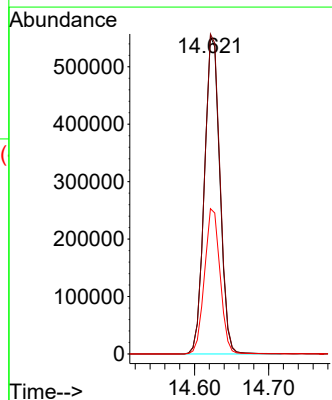
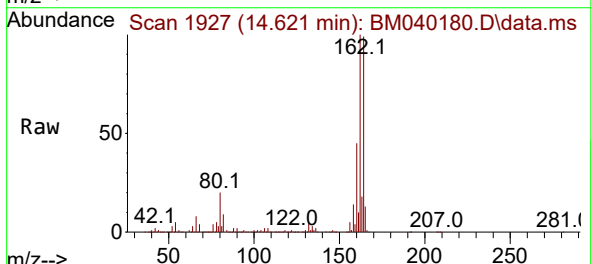
Instrument :
BNA_M
ClientSampleId :
TP-23-0A

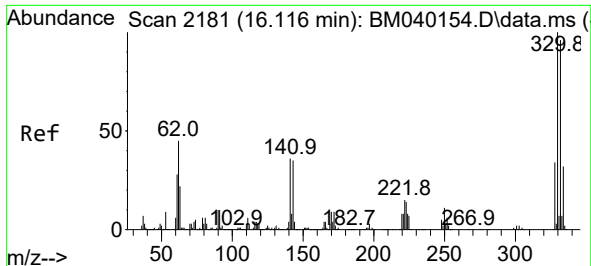
Tgt Ion: 82 Resp: 937659
Ion Ratio Lower Upper
82 100
128 48.0 36.0 54.0
54 45.7 38.5 57.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.621 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BM040180.D
Acq: 09 Jun 2023 05:21

Tgt Ion:164 Resp: 802160
Ion Ratio Lower Upper
164 100
162 100.6 80.4 120.6
160 45.7 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 60.380 ng

RT: 16.110 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM040180.D

Acq: 09 Jun 2023 05:21

Instrument :

BNA_M

ClientSampleId :

TP-23-0A

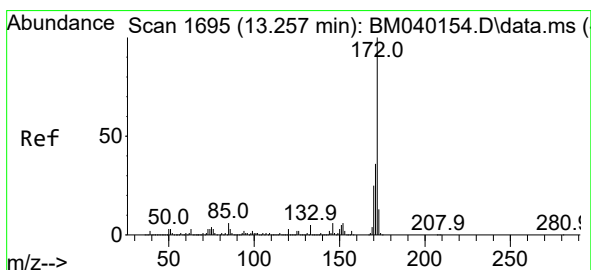
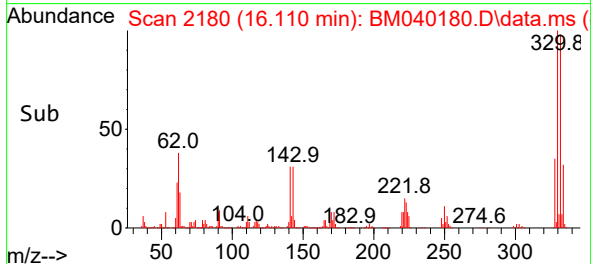
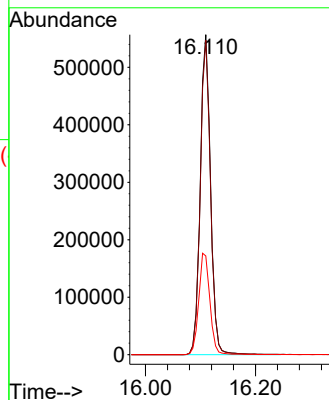
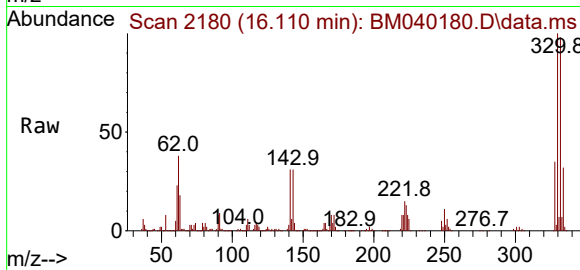
Tgt Ion:330 Resp: 728730

Ion Ratio Lower Upper

330 100

332 97.7 77.1 115.7

141 34.2 31.6 47.4



#45

2-Fluorobiphenyl

Concen: 38.941 ng

RT: 13.251 min Scan# 1694

Delta R.T. -0.006 min

Lab File: BM040180.D

Acq: 09 Jun 2023 05:21

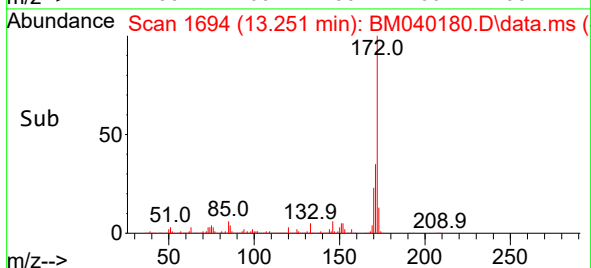
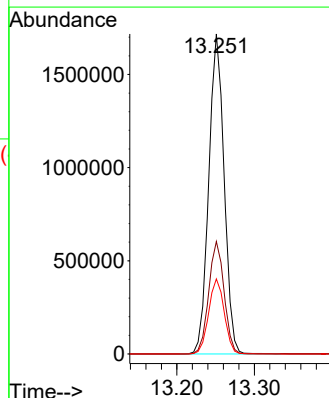
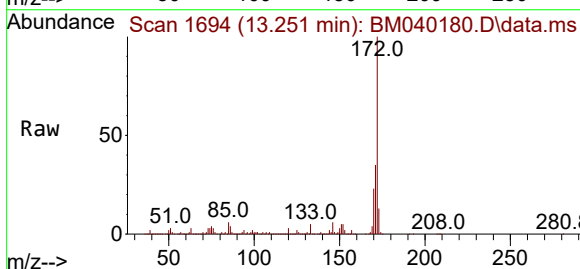
Tgt Ion:172 Resp: 2363341

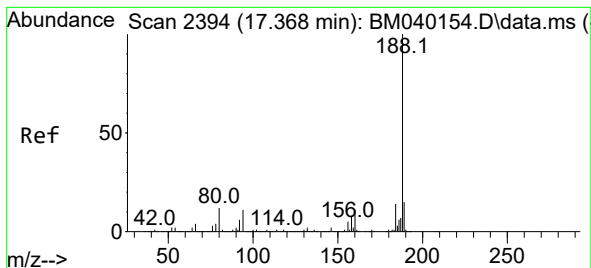
Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 23.4 19.8 29.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.368 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM040180.D

Acq: 09 Jun 2023 05:21

Instrument :

BNA_M

ClientSampleId :

TP-23-0A

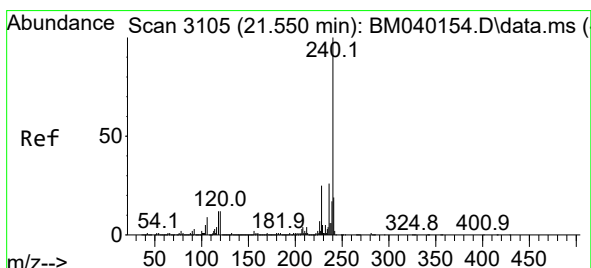
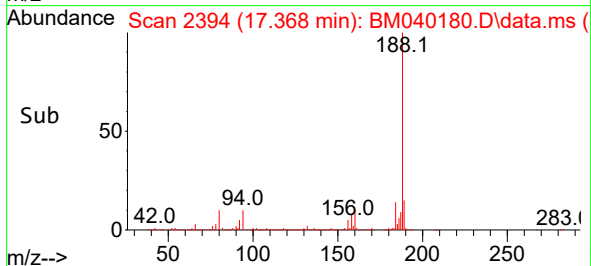
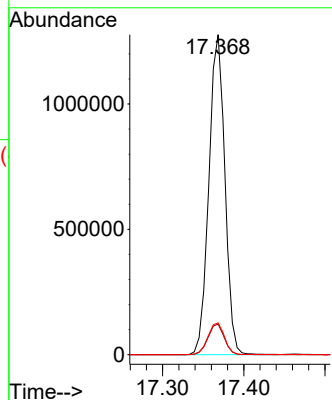
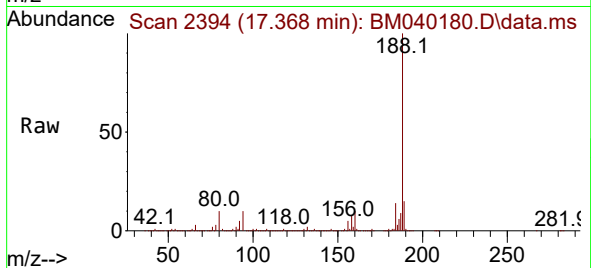
Tgt Ion:188 Resp: 1745202

Ion Ratio Lower Upper

188 100

94 9.6 8.9 13.3

80 10.0 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: BM040180.D

Acq: 09 Jun 2023 05:21

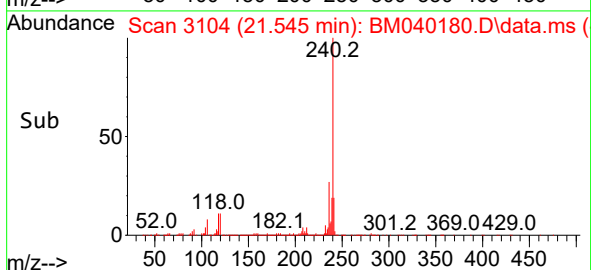
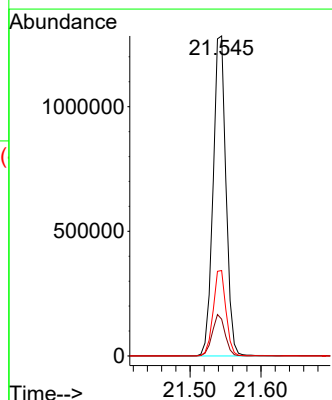
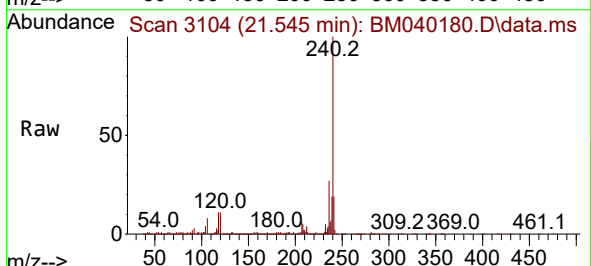
Tgt Ion:240 Resp: 1614899

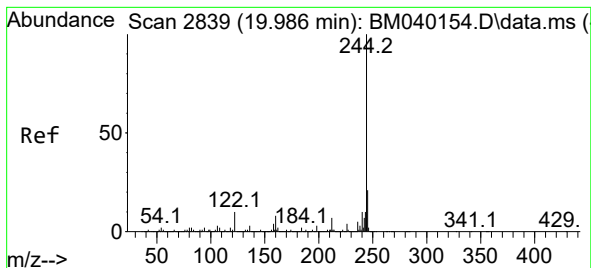
Ion Ratio Lower Upper

240 100

120 11.5 9.9 14.9

236 26.7 21.1 31.7





#79

Terphenyl-d14

Concen: 47.053 ng

RT: 19.986 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM040180.D

Acq: 09 Jun 2023 05:21

Instrument :

BNA_M

ClientSampleId :

TP-23-0A

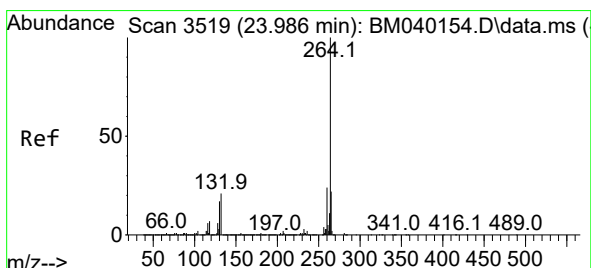
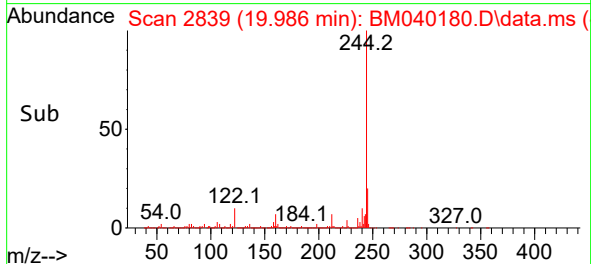
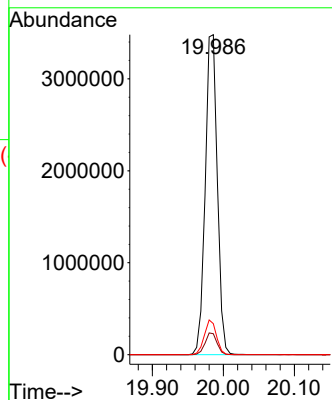
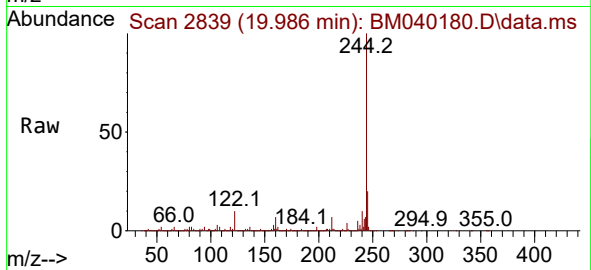
Tgt Ion:244 Resp: 4122028

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

122 9.7 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: BM040180.D

Acq: 09 Jun 2023 05:21

Tgt Ion:264 Resp: 1890863

Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

265 21.7 17.7 26.5

