

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060923\
 Data File : BM040210.D
 Acq On : 10 Jun 2023 04:17
 Operator : MA/JU
 Sample : 03092-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-2

Quant Time: Jun 10 05:40:36 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	338424	20.000	ng	0.00
21) Naphthalene-d8	10.798	136	1481676	20.000	ng	0.00
39) Acenaphthene-d10	14.621	164	937351	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	2134943	20.000	ng	# 0.00
76) Chrysene-d12	21.539	240	1930849	20.000	ng	-0.01
86) Perylene-d12	23.974	264	2011439	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1627722	71.816	ng	0.00
7) Phenol-d6	7.140	99	2099976	67.901	ng	0.00
23) Nitrobenzene-d5	9.151	82	1110860	40.580	ng	0.00
42) 2,4,6-Tribromophenol	16.110	330	1003623	71.164	ng	0.00
45) 2-Fluorobiphenyl	13.251	172	2843539	40.095	ng	0.00
79) Terphenyl-d14	19.980	244	5095210	48.645	ng	0.00

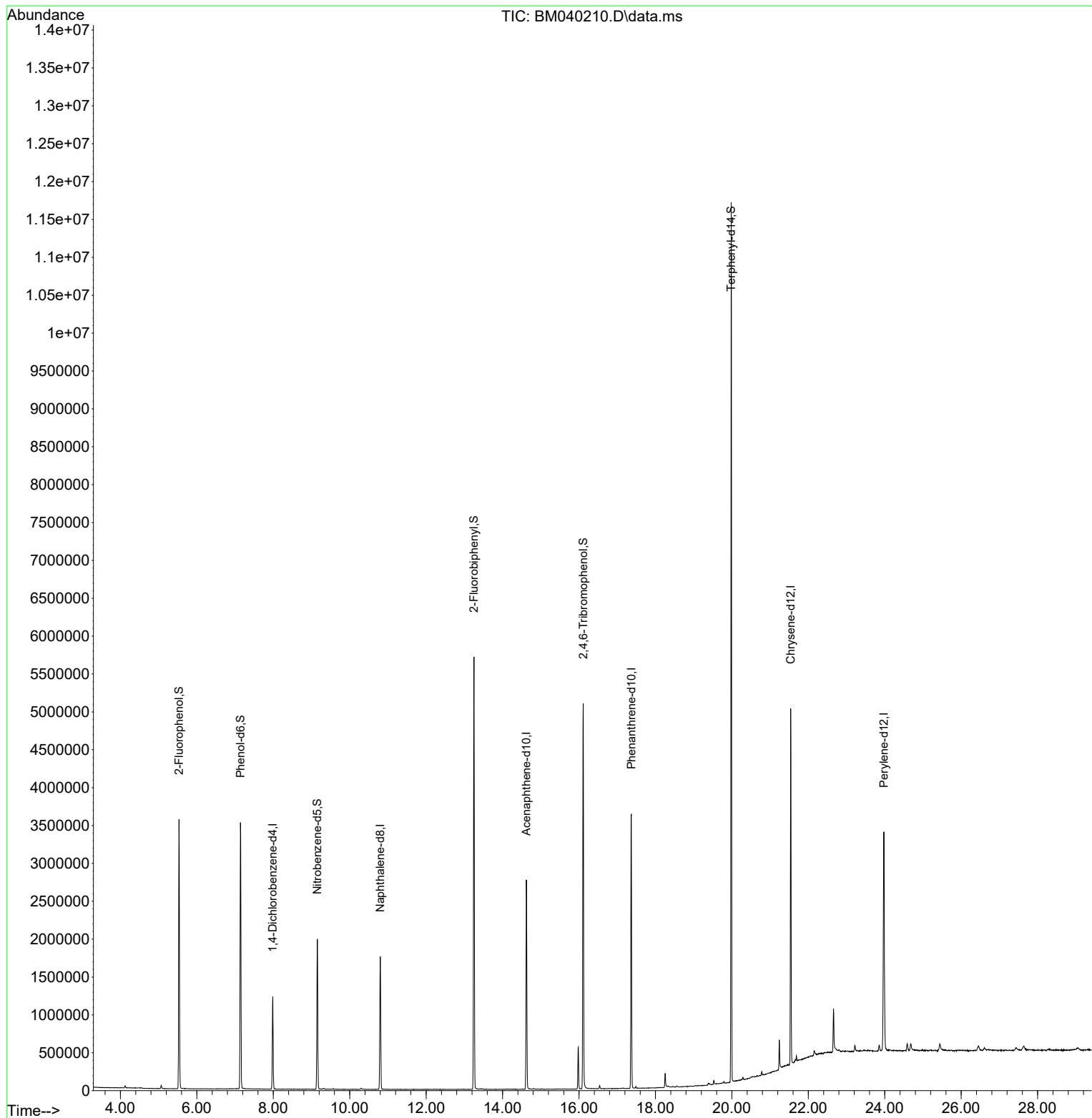
Target Compounds	Qvalue

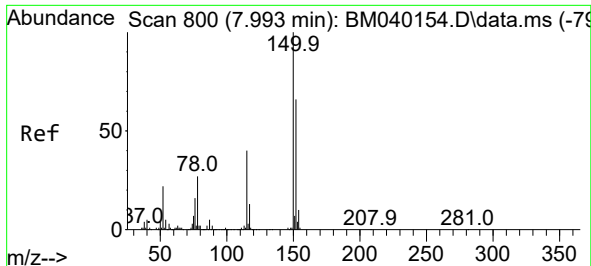
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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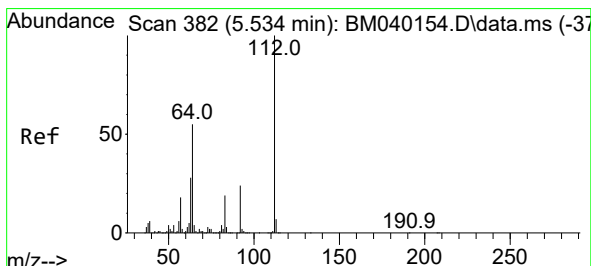
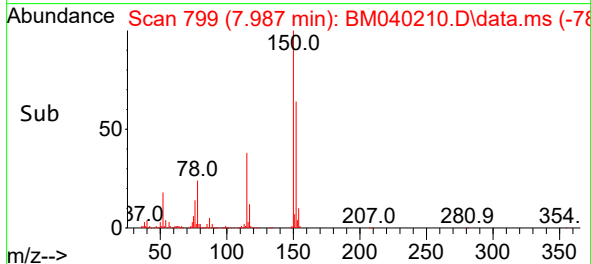
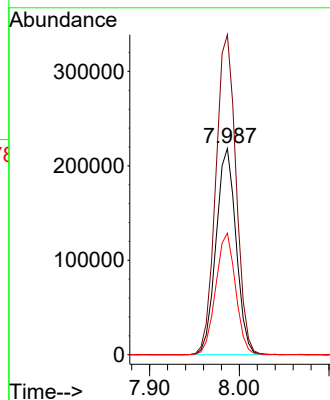
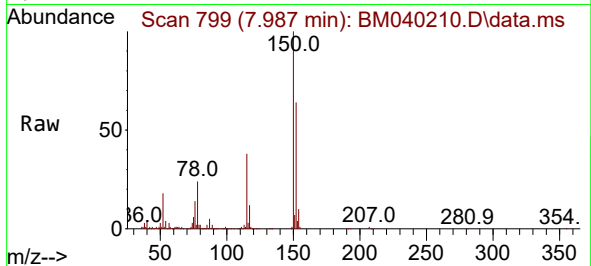




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.987 min Scan# 799
Delta R.T. -0.006 min
Lab File: BM040210.D
Acq: 10 Jun 2023 04:17

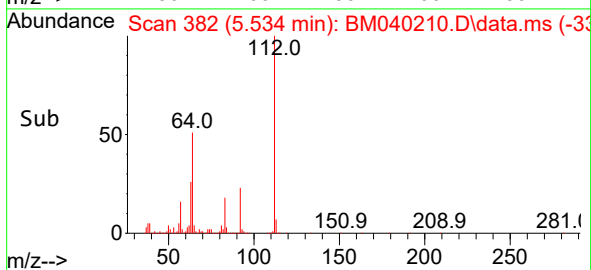
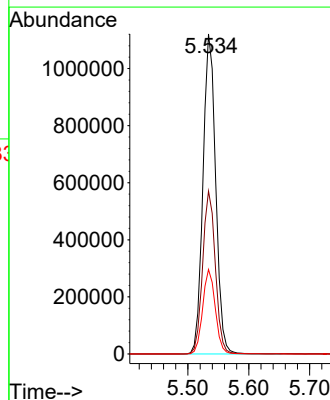
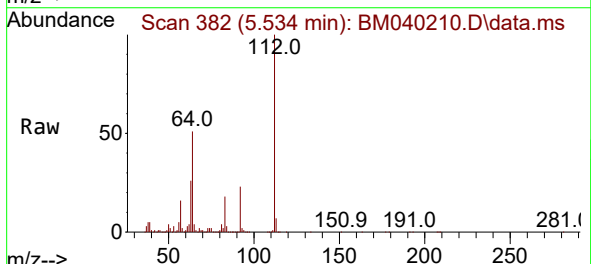
Instrument :
BNA_M
ClientSampleId :
TP-2

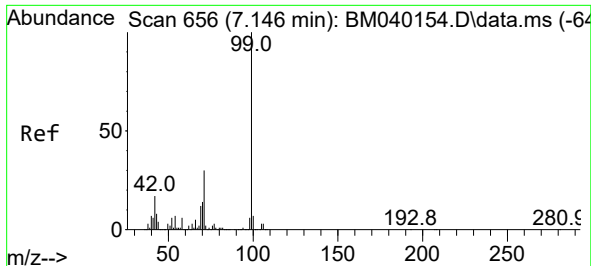
Tgt Ion:152 Resp: 338424
Ion Ratio Lower Upper
152 100
150 155.1 121.4 182.0
115 58.9 48.2 72.4



#5
2-Fluorophenol
Concen: 71.816 ng
RT: 5.534 min Scan# 382
Delta R.T. 0.000 min
Lab File: BM040210.D
Acq: 10 Jun 2023 04:17

Tgt Ion:112 Resp: 1627722
Ion Ratio Lower Upper
112 100
64 50.9 43.8 65.6
63 26.4 22.8 34.2

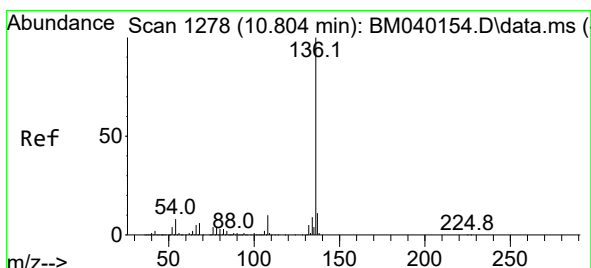
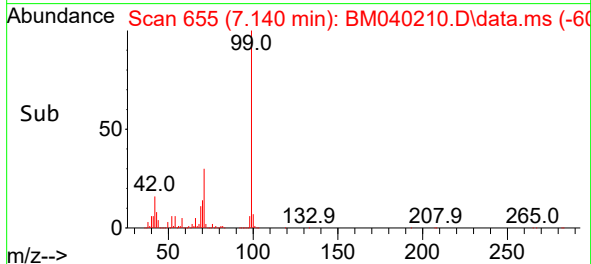
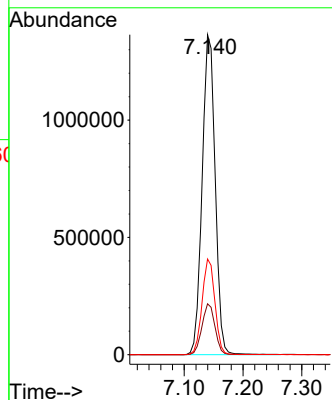
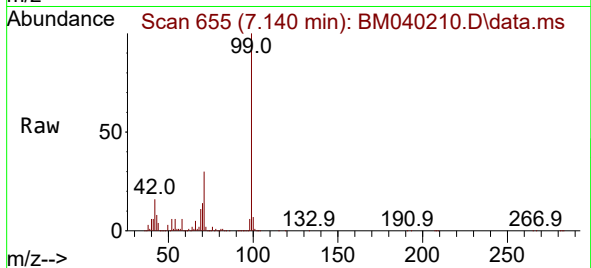




#7
Phenol-d6
Concen: 67.901 ng
RT: 7.140 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM040210.D
Acq: 10 Jun 2023 04:17

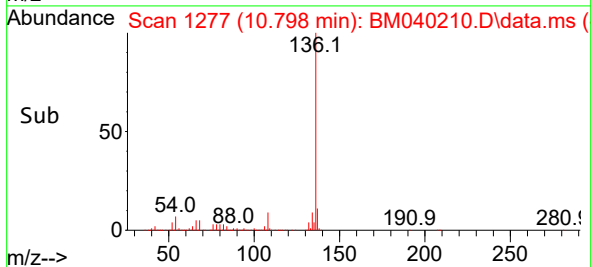
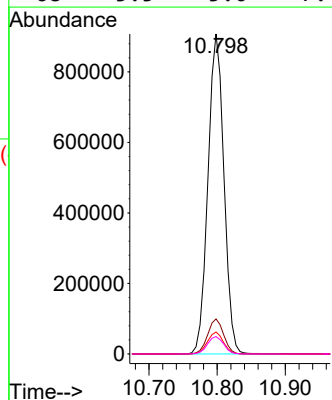
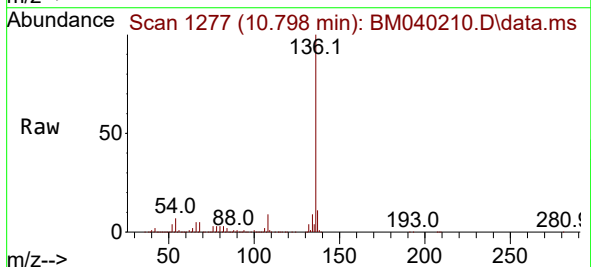
Instrument :
BNA_M
ClientSampleId :
TP-2

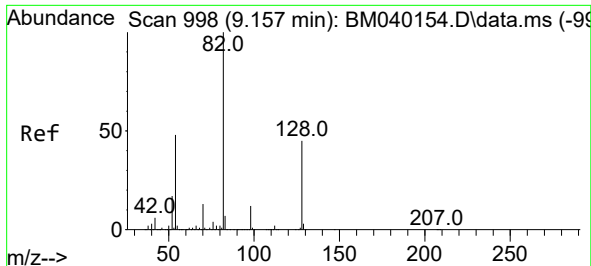
Tgt Ion: 99 Resp: 2099976
Ion Ratio Lower Upper
99 100
42 15.9 13.4 20.2
71 29.9 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.798 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BM040210.D
Acq: 10 Jun 2023 04:17

Tgt Ion: 136 Resp: 1481676
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.8 6.2 9.4
68 5.5 5.0 7.4

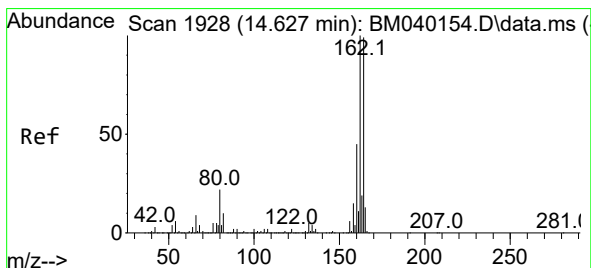
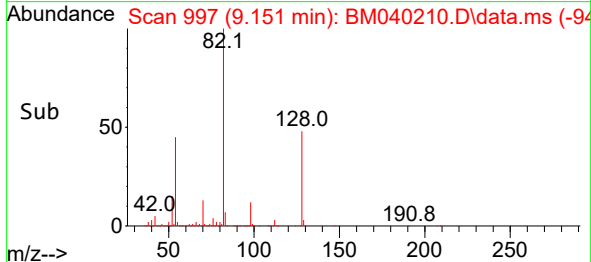
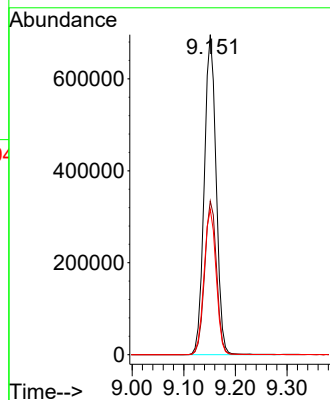
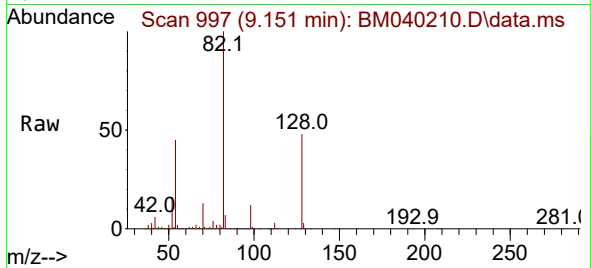




#23
 Nitrobenzene-d5
 Concen: 40.580 ng
 RT: 9.151 min Scan# 998
 Delta R.T. -0.006 min
 Lab File: BM040210.D
 Acq: 10 Jun 2023 04:17

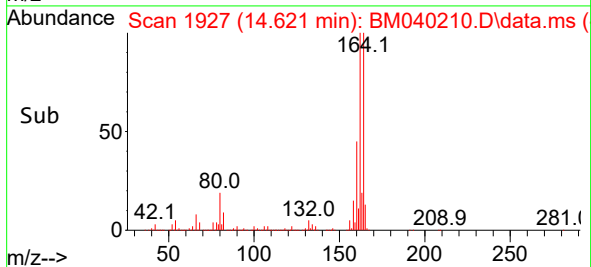
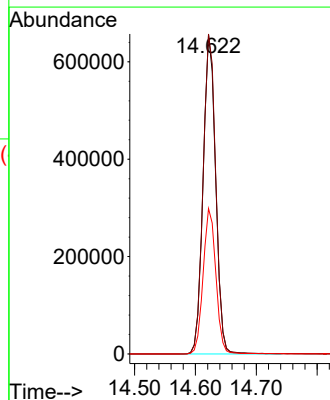
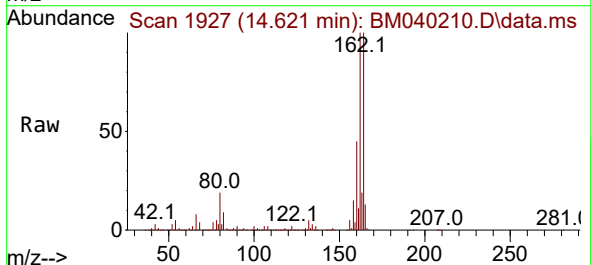
Instrument :
 BNA_M
 ClientSampleId :
 TP-2

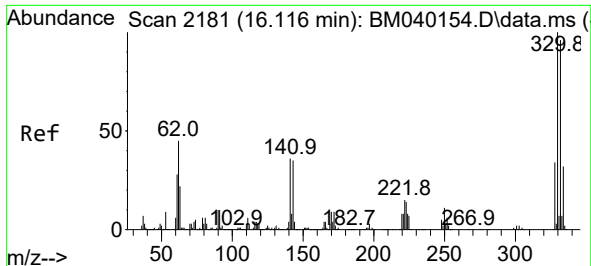
Tgt Ion: 82 Resp: 1110860
 Ion Ratio Lower Upper
 82 100
 128 48.0 36.0 54.0
 54 45.3 38.5 57.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.621 min Scan# 1927
 Delta R.T. -0.006 min
 Lab File: BM040210.D
 Acq: 10 Jun 2023 04:17

Tgt Ion: 164 Resp: 937351
 Ion Ratio Lower Upper
 164 100
 162 100.1 80.4 120.6
 160 45.5 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 71.164 ng

RT: 16.110 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM040210.D

Acq: 10 Jun 2023 04:17

Instrument :

BNA_M

ClientSampleId :

TP-2

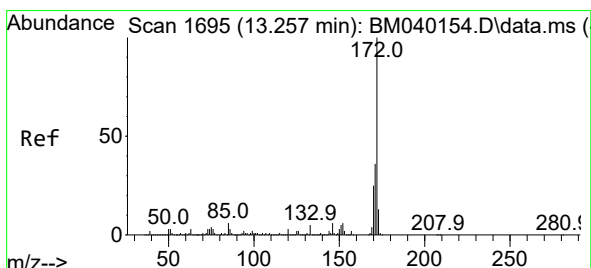
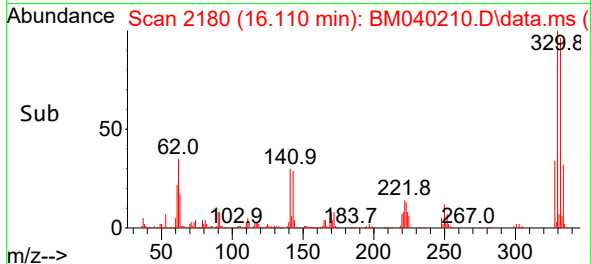
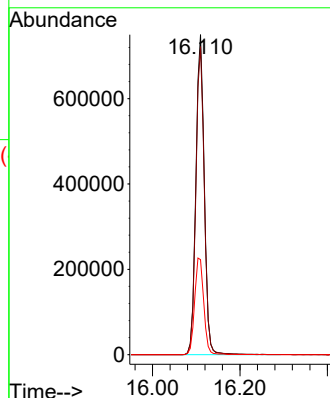
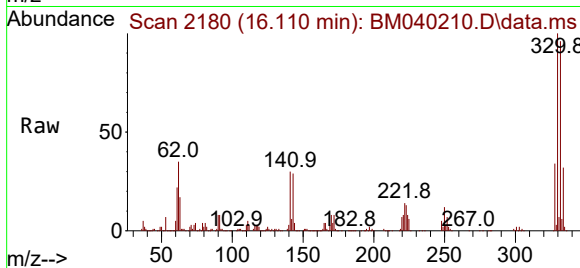
Tgt Ion:330 Resp: 1003623

Ion Ratio Lower Upper

330 100

332 96.6 77.1 115.7

141 32.8 31.6 47.4



#45

2-Fluorobiphenyl

Concen: 40.095 ng

RT: 13.251 min Scan# 1694

Delta R.T. -0.006 min

Lab File: BM040210.D

Acq: 10 Jun 2023 04:17

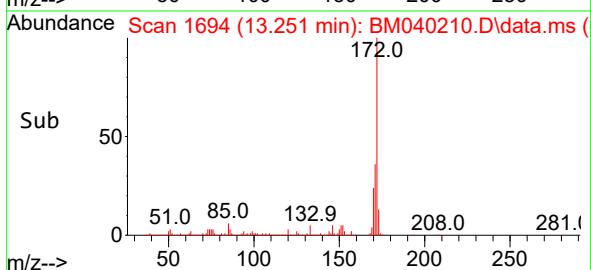
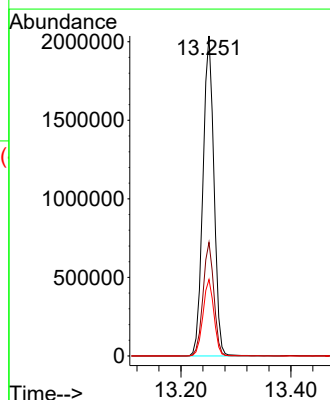
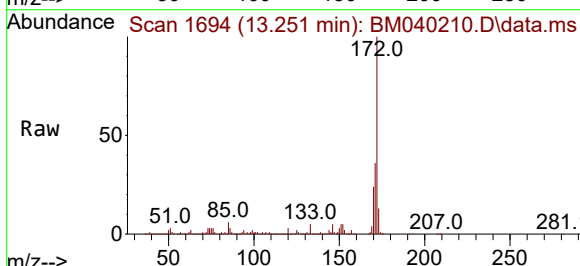
Tgt Ion:172 Resp: 2843539

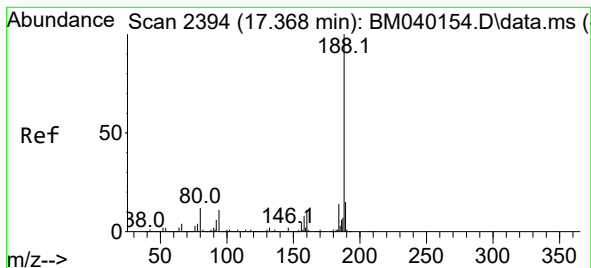
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.9 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: BM040210.D

Acq: 10 Jun 2023 04:17

Instrument :

BNA_M

ClientSampleId :

TP-2

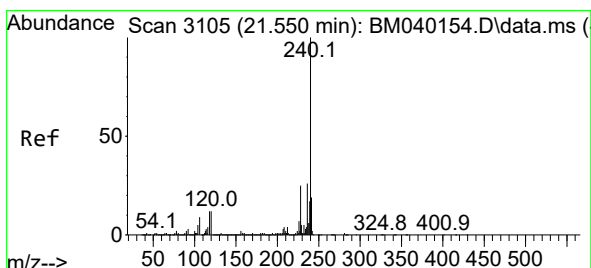
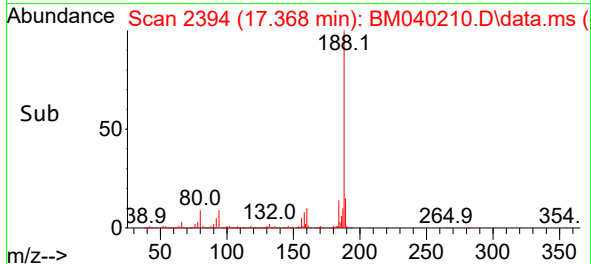
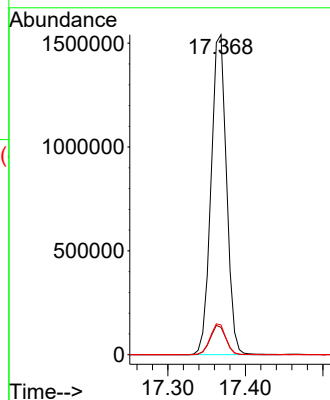
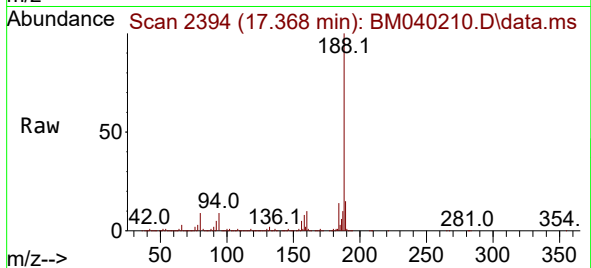
Tgt Ion:188 Resp: 2134943

Ion Ratio Lower Upper

188 100

94 8.6 8.9 13.3#

80 9.3 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: BM040210.D

Acq: 10 Jun 2023 04:17

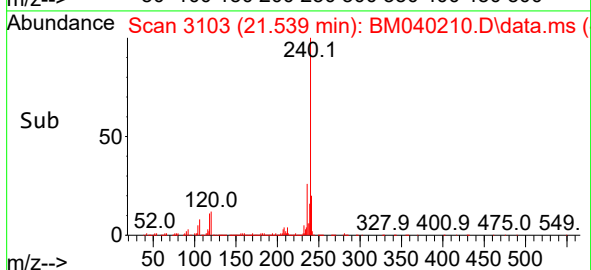
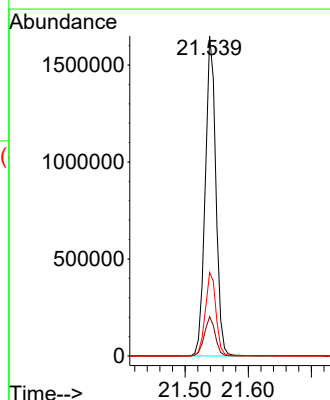
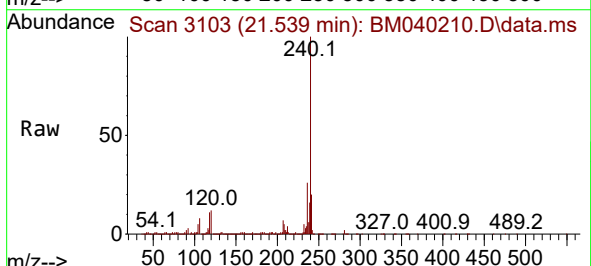
Tgt Ion:240 Resp: 1930849

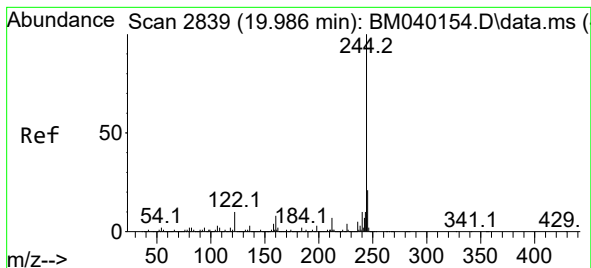
Ion Ratio Lower Upper

240 100

120 12.3 9.9 14.9

236 26.1 21.1 31.7





#79

Terphenyl-d14

Concen: 48.645 ng

RT: 19.980 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM040210.D

Acq: 10 Jun 2023 04:17

Instrument :

BNA_M

ClientSampleId :

TP-2

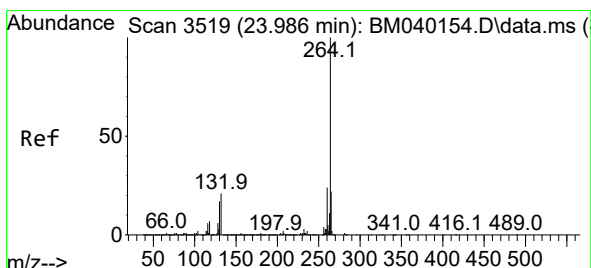
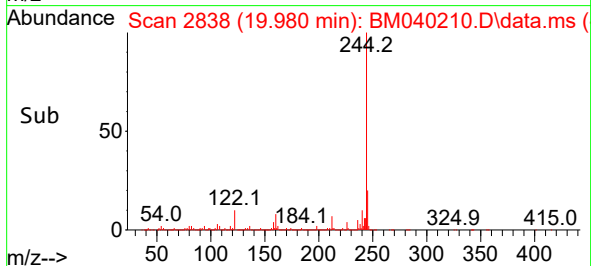
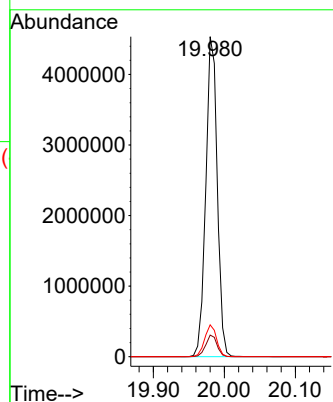
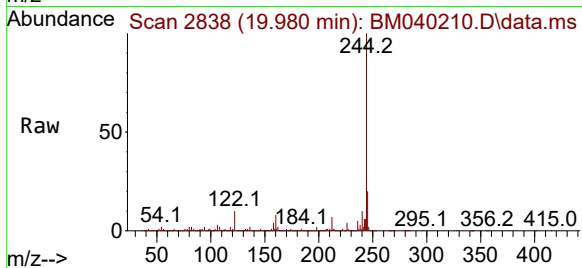
Tgt Ion:244 Resp: 5095210

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

122 10.0 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: BM040210.D

Acq: 10 Jun 2023 04:17

Tgt Ion:264 Resp: 2011439

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 21.6 17.7 26.5

