

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060623\
 Data File : BM040118.D
 Acq On : 06 Jun 2023 23:51
 Operator : MA/JU
 Sample : 03018-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 278

Quant Time: Jun 07 02:14:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 06 16:45:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

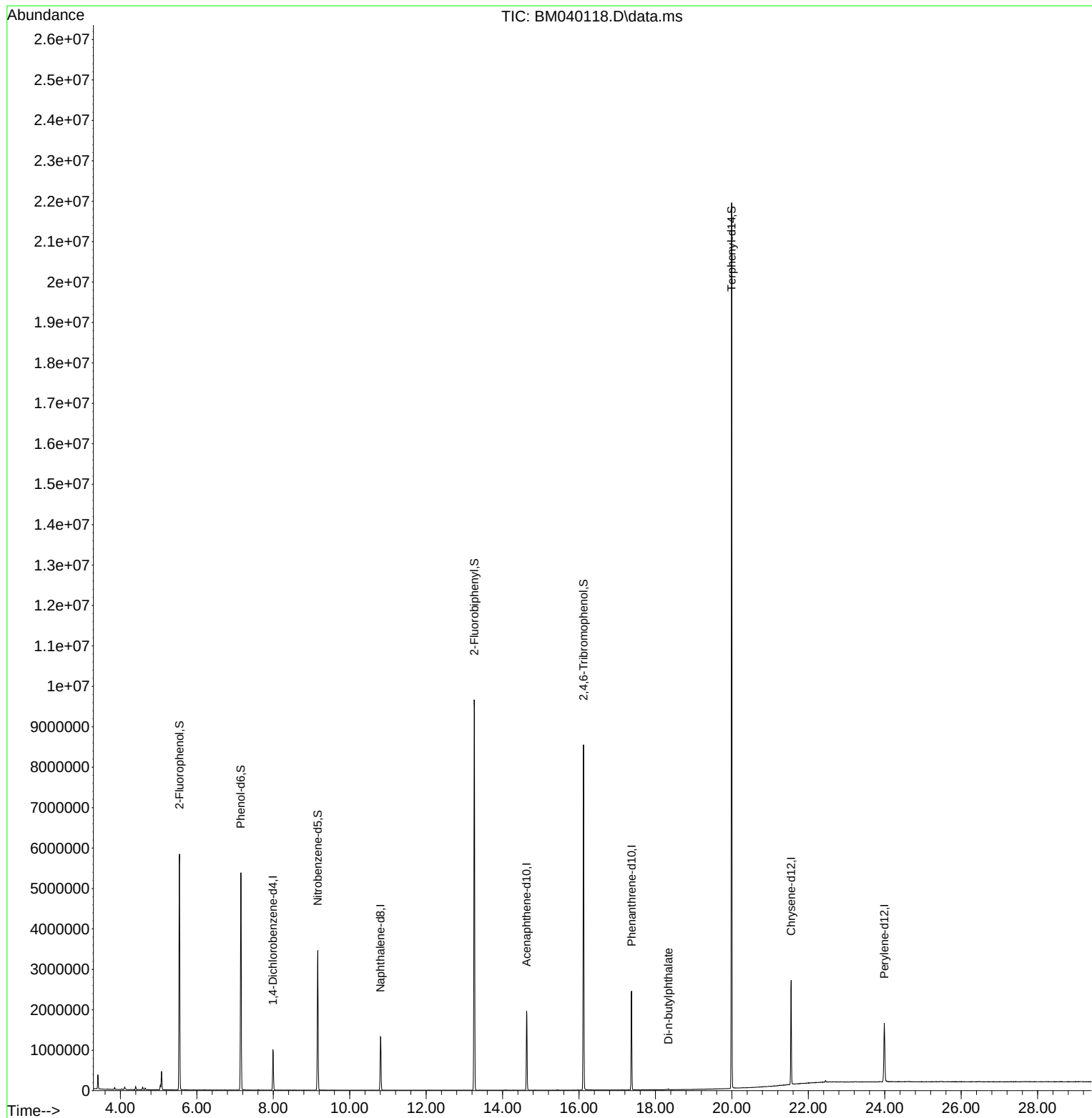
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.993	152	251349	20.000	ng	0.00
21) Naphthalene-d8	10.804	136	1078430	20.000	ng	0.00
39) Acenaphthene-d10	14.628	164	600336	20.000	ng	0.00
64) Phenanthrene-d10	17.375	188	1275853	20.000	ng	0.00
76) Chrysene-d12	21.551	240	982959	20.000	ng	0.00
86) Perylene-d12	23.986	264	907177	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	2506097	152.942	ng	0.00
7) Phenol-d6	7.152	99	3042209	142.326	ng	0.00
23) Nitrobenzene-d5	9.163	82	1850283	92.580	ng	0.00
42) 2,4,6-Tribromophenol	16.116	330	1396819	179.266	ng	0.00
45) 2-Fluorobiphenyl	13.257	172	4496020	88.334	ng	0.00
79) Terphenyl-d14	19.992	244	9039698	142.793	ng	0.00
Target Compounds						
74) Di-n-butylphthalate	18.339	149	13398	3.804	ng	Qvalue 97

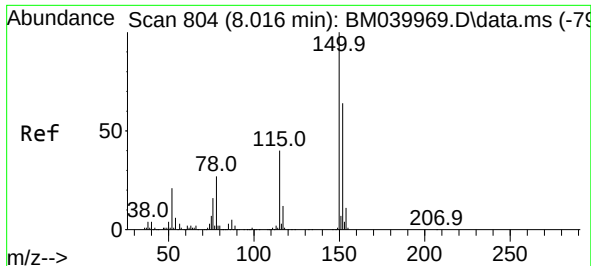
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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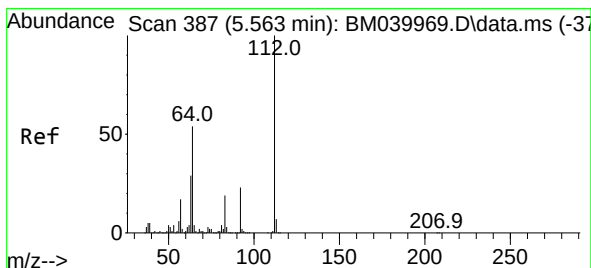
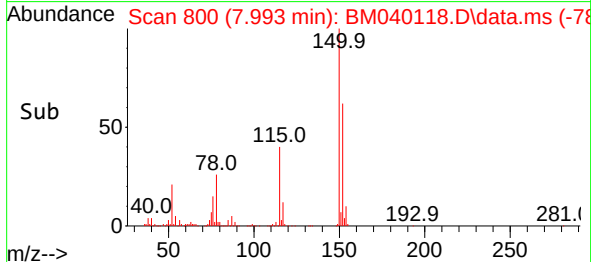
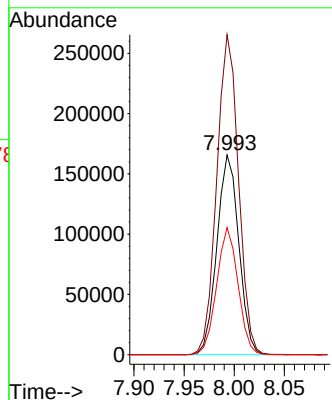
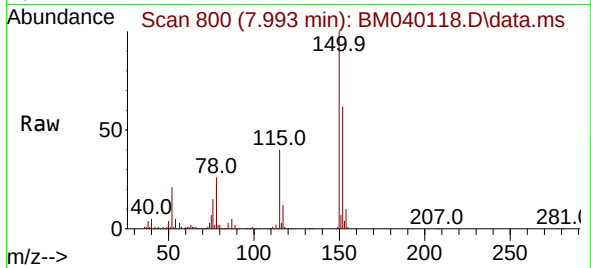




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.993 min Scan# 804
Delta R.T. -0.006 min
Lab File: BM040118.D
Acq: 06 Jun 2023 23:51

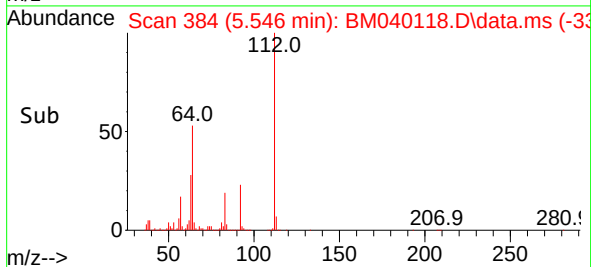
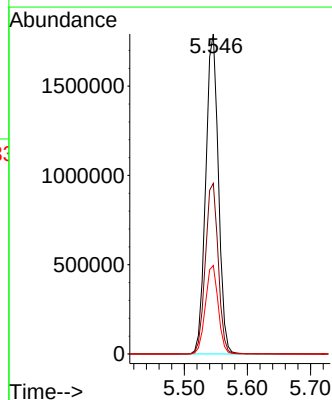
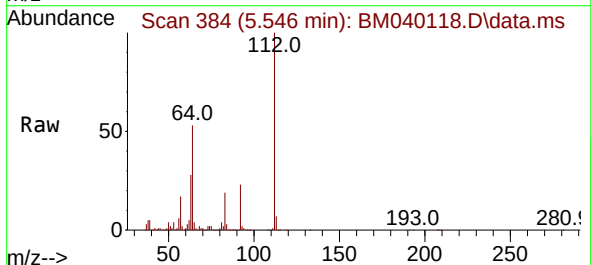
Instrument :
BNA_M
ClientSampleId :
278

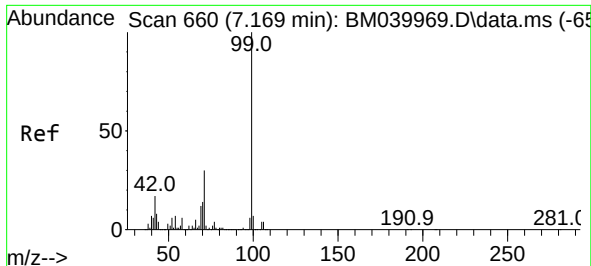
Tgt Ion:152 Resp: 251349
Ion Ratio Lower Upper
152 100
150 160.2 125.5 188.3
115 63.7 50.2 75.2



#5
2-Fluorophenol
Concen: 152.942 ng
RT: 5.546 min Scan# 384
Delta R.T. 0.006 min
Lab File: BM040118.D
Acq: 06 Jun 2023 23:51

Tgt Ion:112 Resp: 2506097
Ion Ratio Lower Upper
112 100
64 53.3 43.0 64.4
63 27.7 22.9 34.3



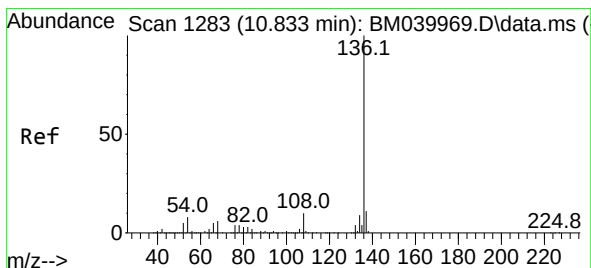
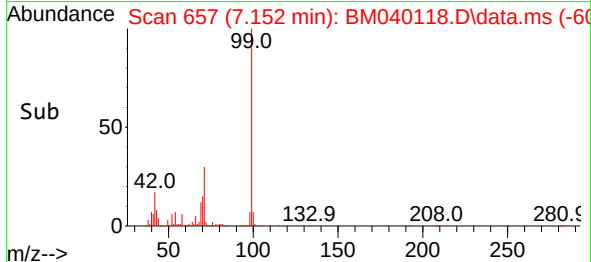
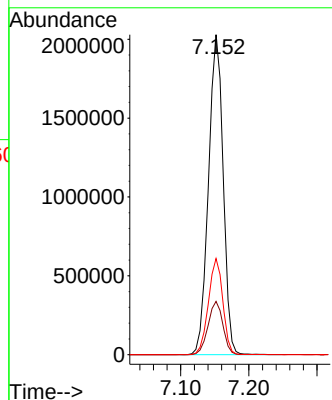
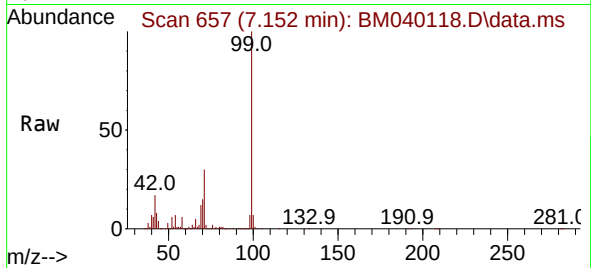


#7
Phenol-d6
Concen: 142.326 ng
RT: 7.152 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM040118.D
Acq: 06 Jun 2023 23:51

Instrument :
BNA_M
ClientSampleId :
278

Tgt Ion: 99 Resp: 3042209

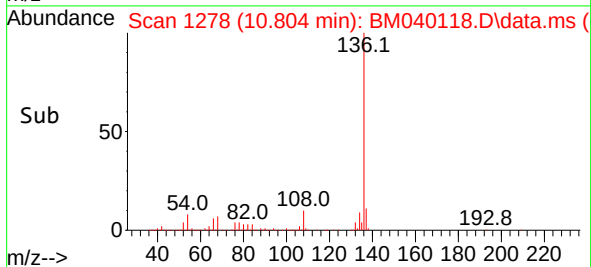
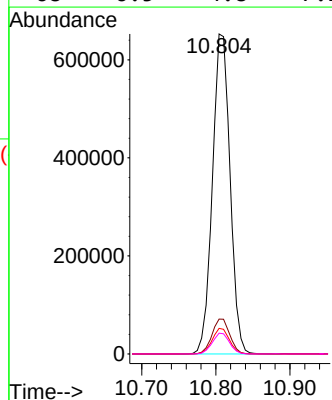
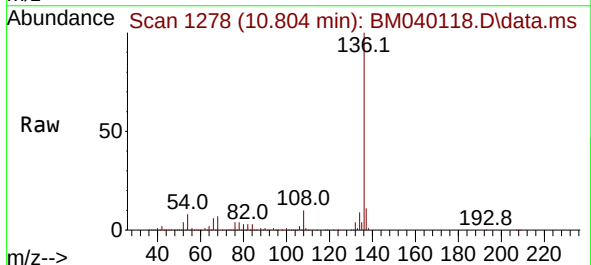
Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.8	20.6
71	30.0	24.4	36.6

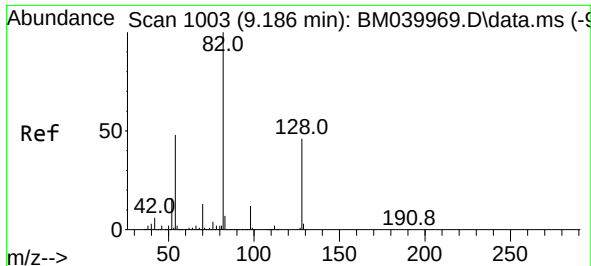


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.804 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BM040118.D
Acq: 06 Jun 2023 23:51

Tgt Ion: 136 Resp: 1078430

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	8.0	6.1	9.1
68	6.5	4.8	7.2

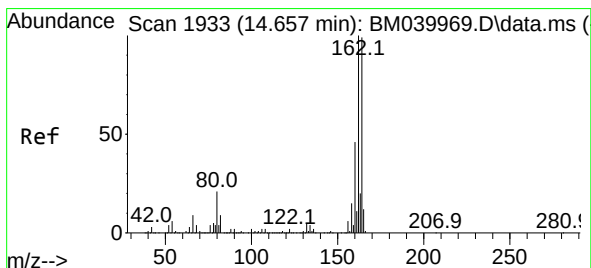
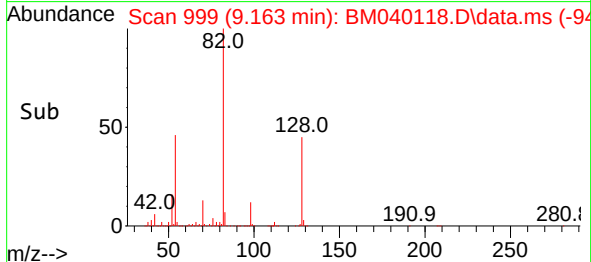
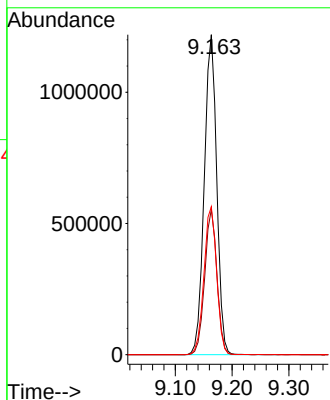
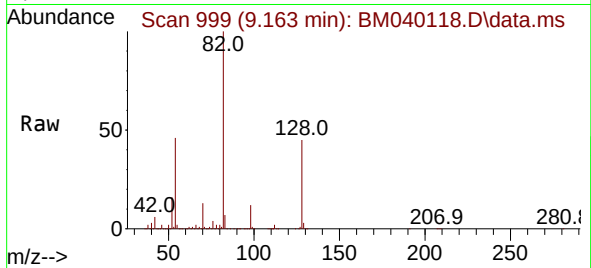




#23
 Nitrobenzene-d5
 Concen: 92.580 ng
 RT: 9.163 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: BM040118.D
 Acq: 06 Jun 2023 23:51

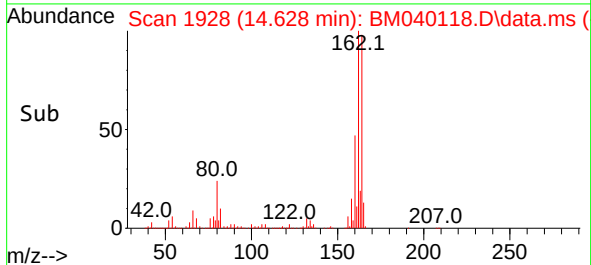
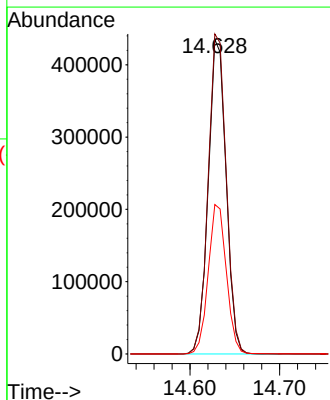
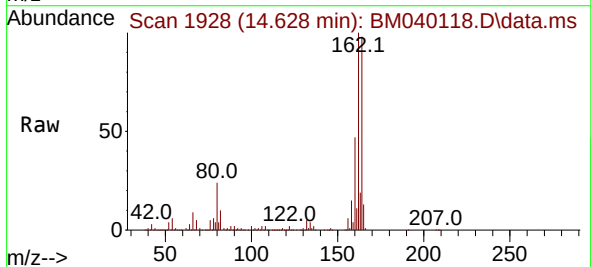
Instrument :
 BNA_M
 ClientSampleId :
 278

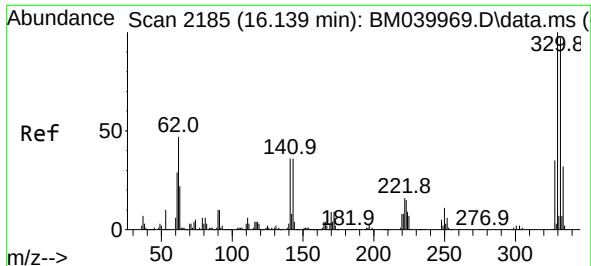
Tgt Ion: 82 Resp: 1850283
 Ion Ratio Lower Upper
 82 100
 128 45.4 36.5 54.7
 54 46.2 38.3 57.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.628 min Scan# 1928
 Delta R.T. -0.006 min
 Lab File: BM040118.D
 Acq: 06 Jun 2023 23:51

Tgt Ion:164 Resp: 600336
 Ion Ratio Lower Upper
 164 100
 162 101.7 80.6 120.8
 160 47.5 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 179.266 ng

RT: 16.116 min Scan# 2185

Delta R.T. -0.006 min

Lab File: BM040118.D

Acq: 06 Jun 2023 23:51

Instrument :

BNA_M

ClientSampleId :

278

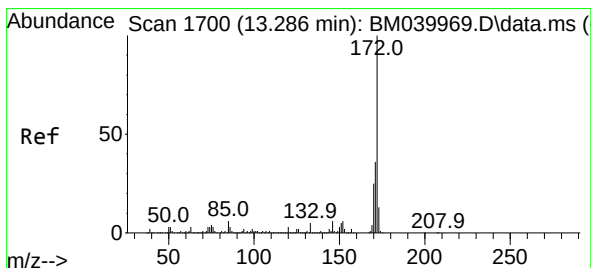
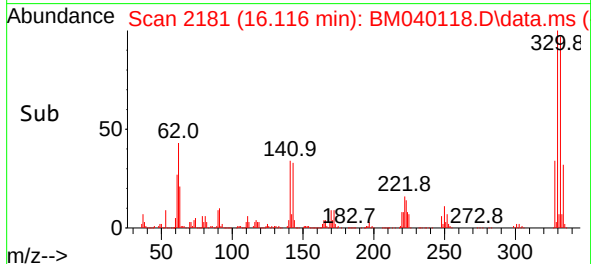
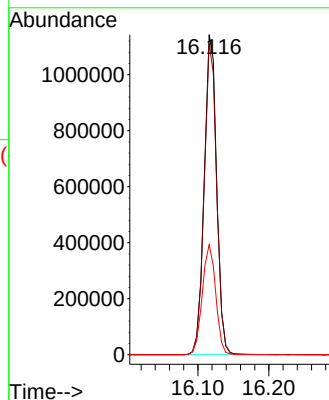
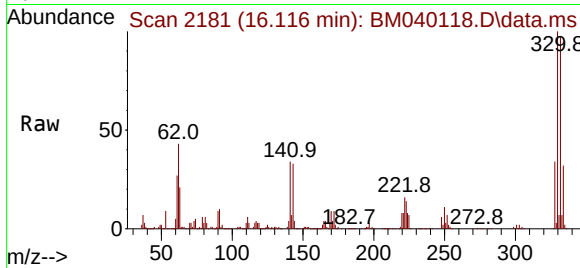
Tgt Ion:330 Resp: 1396819

Ion Ratio Lower Upper

330 100

332 97.1 77.4 116.2

141 37.1 31.6 47.4



#45

2-Fluorobiphenyl

Concen: 88.334 ng

RT: 13.257 min Scan# 1695

Delta R.T. -0.006 min

Lab File: BM040118.D

Acq: 06 Jun 2023 23:51

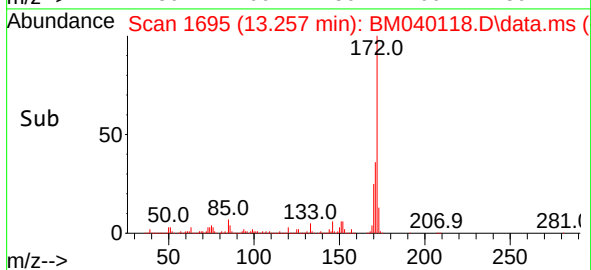
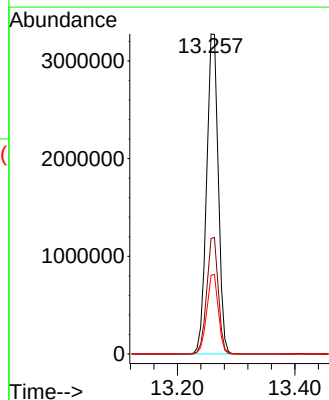
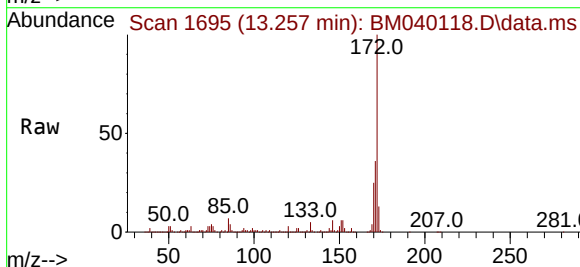
Tgt Ion:172 Resp: 4496020

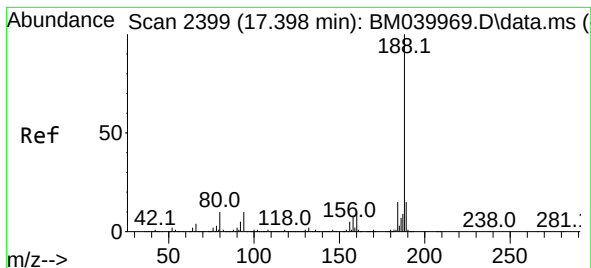
Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 24.6 19.6 29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.375 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM040118.D

Acq: 06 Jun 2023 23:51

Instrument :

BNA_M

ClientSampleId :

278

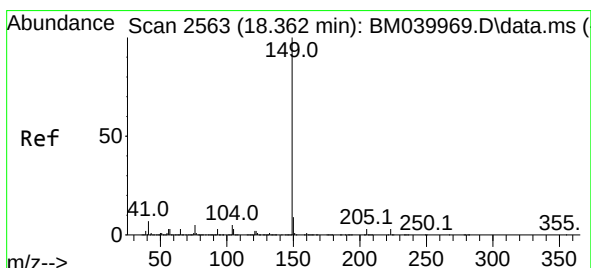
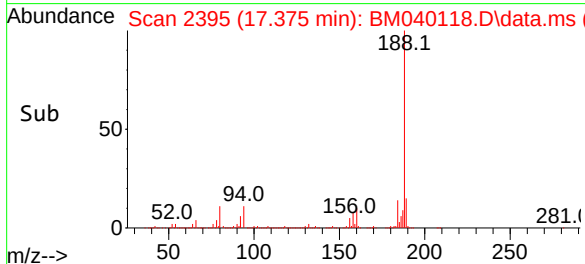
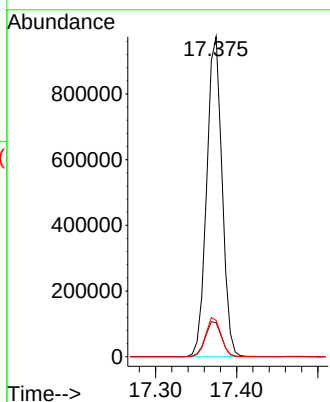
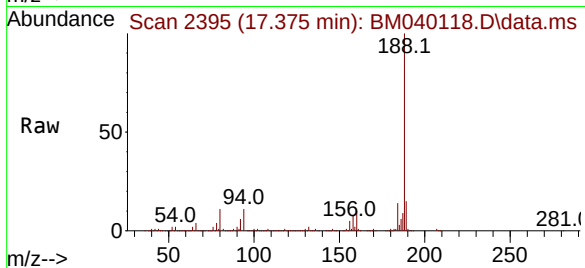
Tgt Ion:188 Resp: 1275853

Ion Ratio Lower Upper

188 100

94 10.6 7.8 11.8

80 11.4 8.2 12.4



#74

Di-n-butylphthalate

Concen: 3.804 ng

RT: 18.339 min Scan# 2559

Delta R.T. -0.006 min

Lab File: BM040118.D

Acq: 06 Jun 2023 23:51

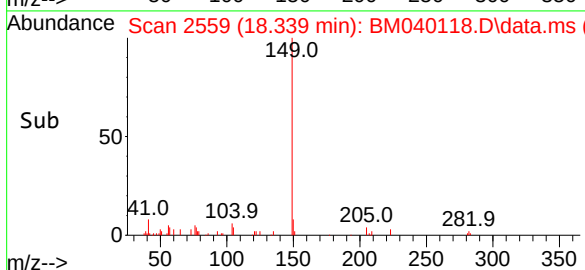
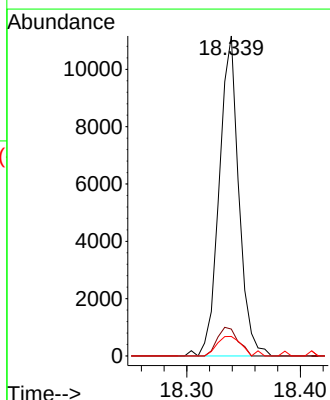
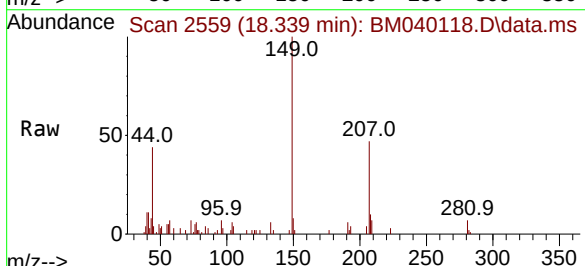
Tgt Ion:149 Resp: 13398

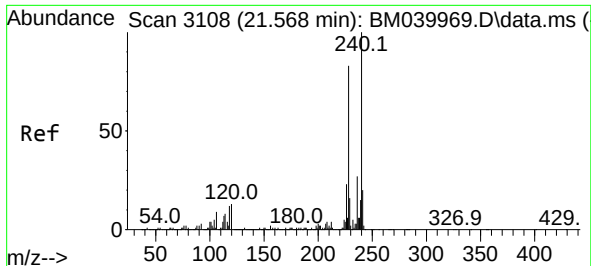
Ion Ratio Lower Upper

149 100

150 8.4 7.4 11.2

104 6.1 4.2 6.2

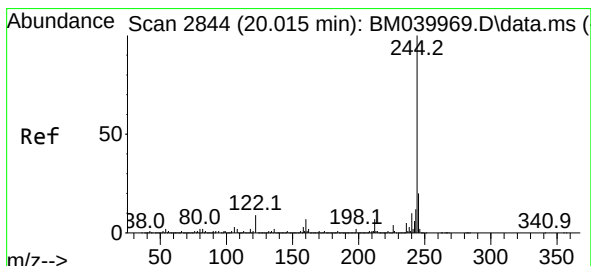
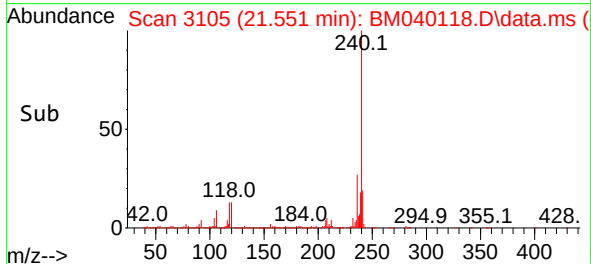
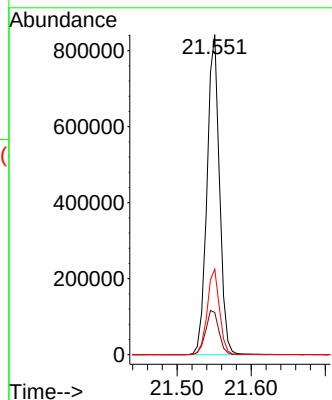
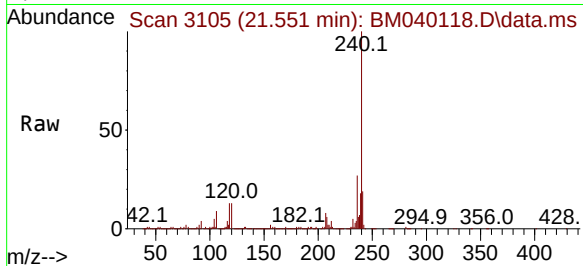




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.551 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM040118.D
Acq: 06 Jun 2023 23:51

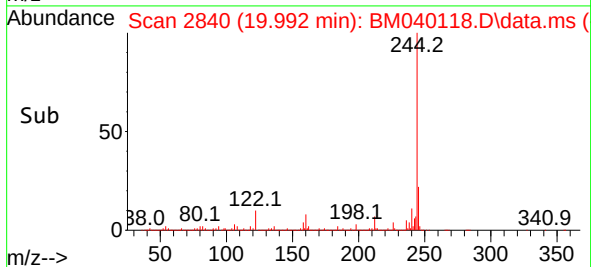
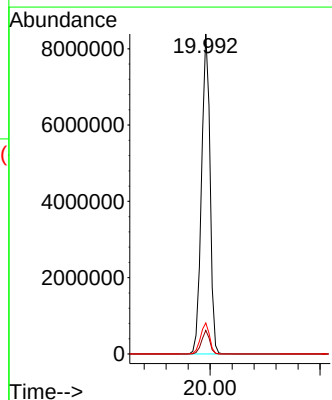
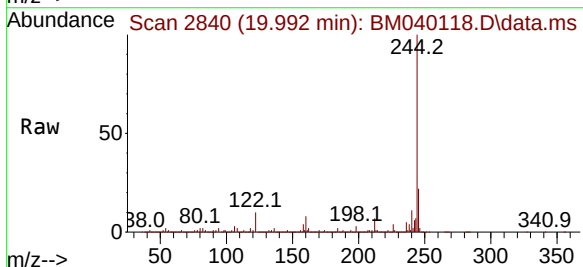
Instrument :
BNA_M
ClientSampleId :
278

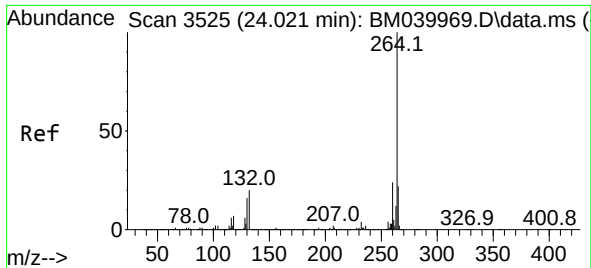
Tgt Ion:240 Resp: 982959
Ion Ratio Lower Upper
240 100
120 13.2 10.1 15.1
236 26.7 21.3 31.9



#79
Terphenyl-d14
Concen: 142.793 ng
RT: 19.992 min Scan# 2840
Delta R.T. 0.000 min
Lab File: BM040118.D
Acq: 06 Jun 2023 23:51

Tgt Ion:244 Resp: 9039698
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.0
122 9.7 7.1 10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.986 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM040118.D
Acq: 06 Jun 2023 23:51

Instrument :
BNA_M
ClientSampleId :
278

Tgt Ion:264 Resp: 907177
Ion Ratio Lower Upper
264 100
260 22.9 19.5 29.3
265 22.1 17.7 26.5

