

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
 Data File : BM039099.D
 Acq On : 22 Mar 2023 19:27
 Operator : CG/JU
 Sample : 02032-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S-2

Quant Time: Mar 23 04:25:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 03:36:20 2023
 Response via : Initial Calibration

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

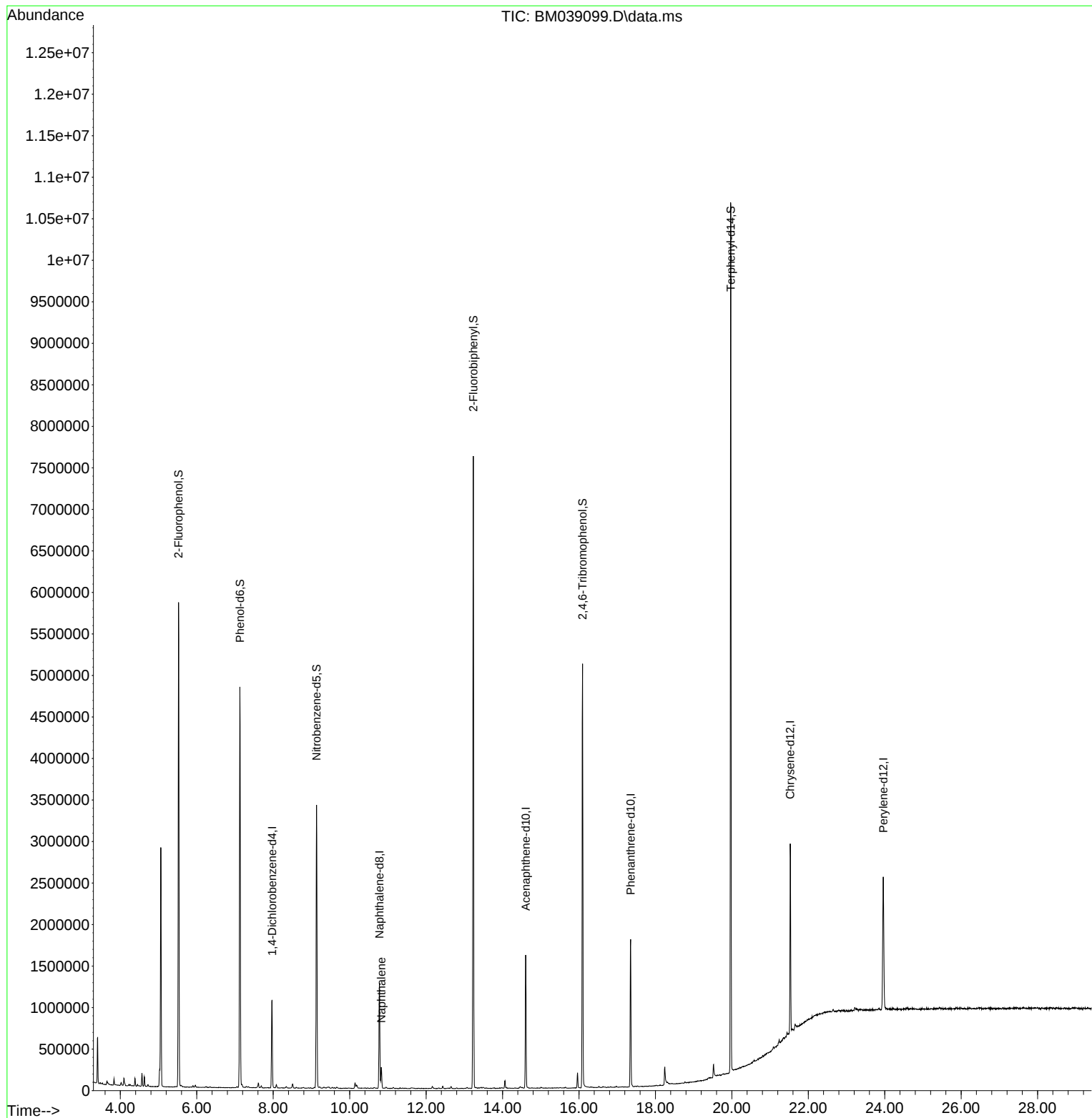
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	278748	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	1040686	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	543865	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	1047688	20.000	ng	0.00
76) Chrysene-d12	21.527	240	1011032	20.000	ng	0.00
86) Perylene-d12	23.962	264	1169031	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	2463347	134.262	ng	0.00
7) Phenol-d6	7.128	99	2723631	114.288	ng	0.00
23) Nitrobenzene-d5	9.134	82	1929916	91.093	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	863920	137.312	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	3695677	88.460	ng	0.00
79) Terphenyl-d14	19.974	244	5040006	91.143	ng	0.00
Target Compounds						
31) Naphthalene	10.828	128	198479	3.345	ng	Qvalue 99

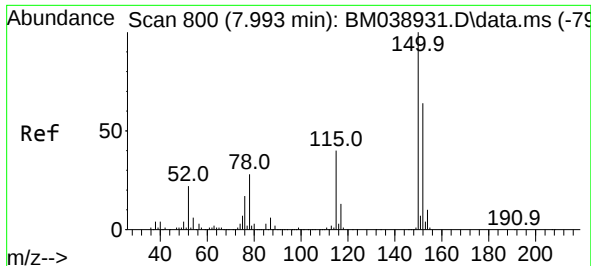
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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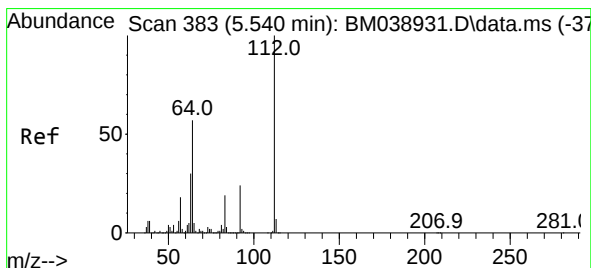
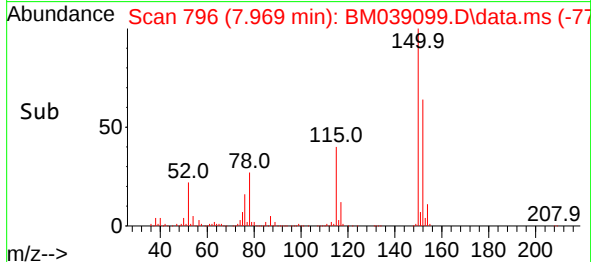
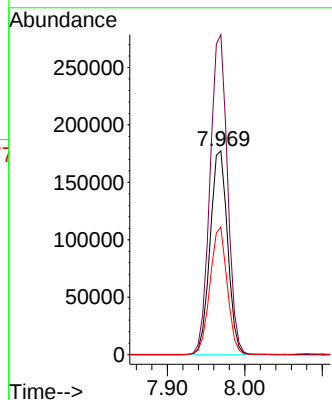
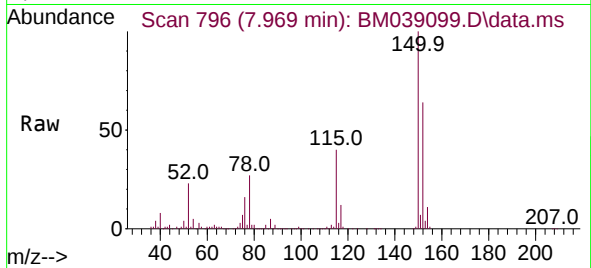




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.969 min Scan# 79
Delta R.T. 0.000 min
Lab File: BM039099.D
Acq: 22 Mar 2023 19:27

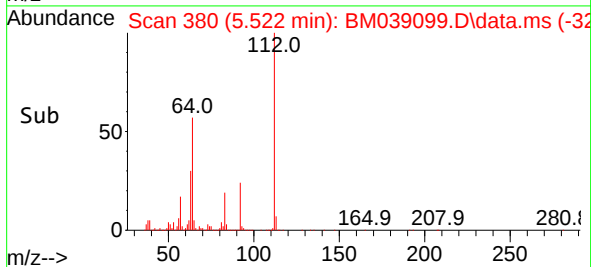
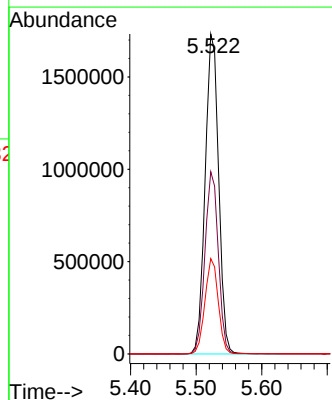
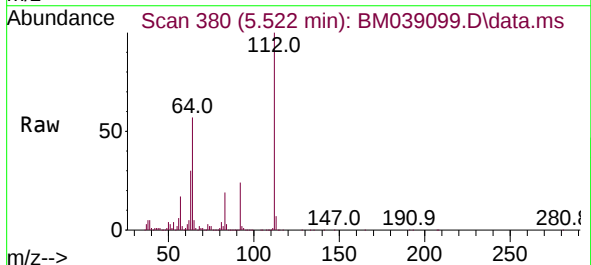
Instrument :
BNA_M
ClientSampleId :
S-2

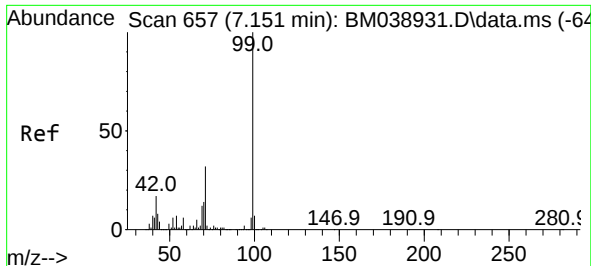
Tgt Ion:152 Resp: 278748
Ion Ratio Lower Upper
152 100
150 157.0 125.1 187.7
115 62.6 49.6 74.4



#5
2-Fluorophenol
Concen: 134.262 ng
RT: 5.522 min Scan# 380
Delta R.T. 0.000 min
Lab File: BM039099.D
Acq: 22 Mar 2023 19:27

Tgt Ion:112 Resp: 2463347
Ion Ratio Lower Upper
112 100
64 56.9 45.9 68.9
63 29.8 23.8 35.8

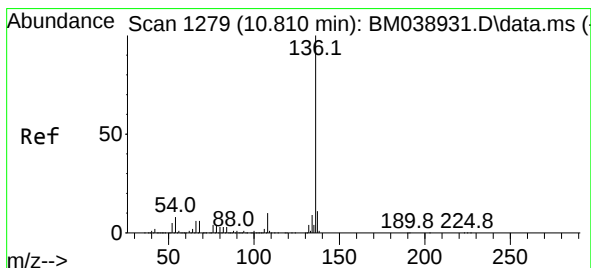
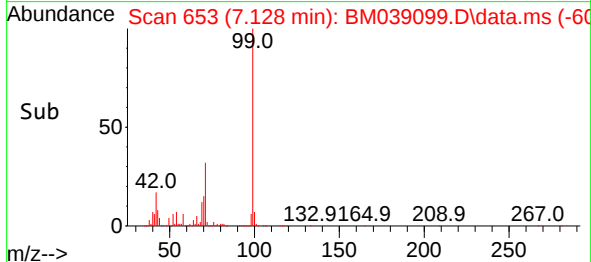
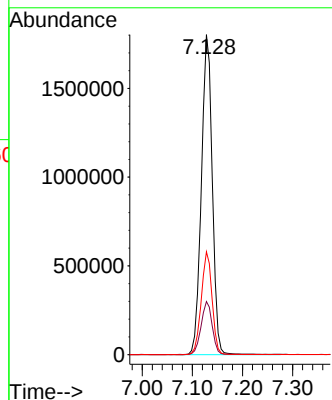
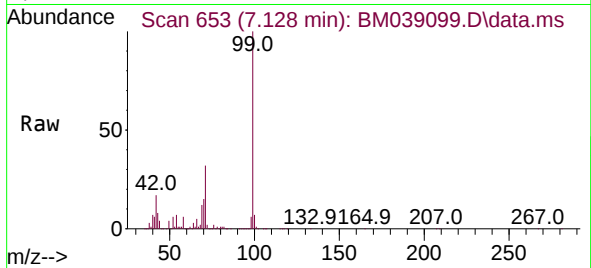




#7
Phenol-d6
Concen: 114.288 ng
RT: 7.128 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM039099.D
Acq: 22 Mar 2023 19:27

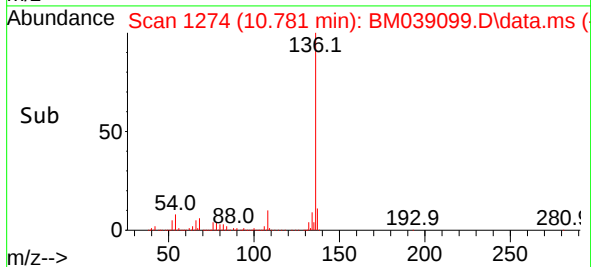
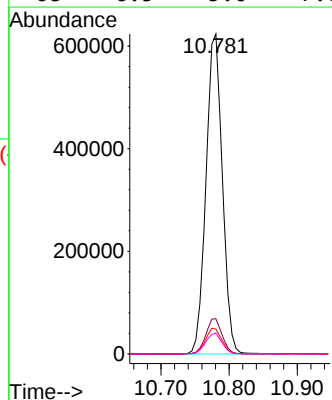
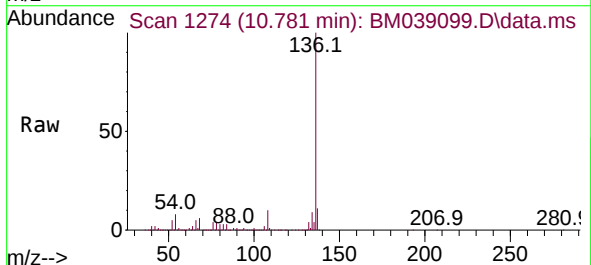
Instrument :
BNA_M
ClientSampleId :
S-2

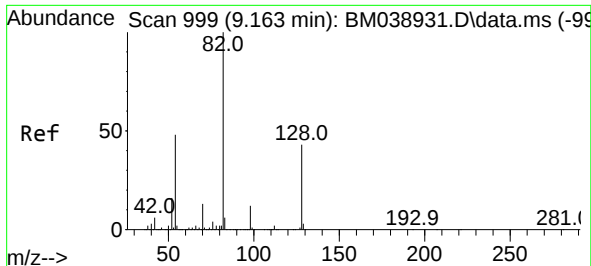
Tgt Ion: 99 Resp: 2723631
Ion Ratio Lower Upper
99 100
42 16.6 13.5 20.3
71 32.1 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.781 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BM039099.D
Acq: 22 Mar 2023 19:27

Tgt Ion: 136 Resp: 1040686
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.8 6.3 9.5
68 6.5 5.0 7.6

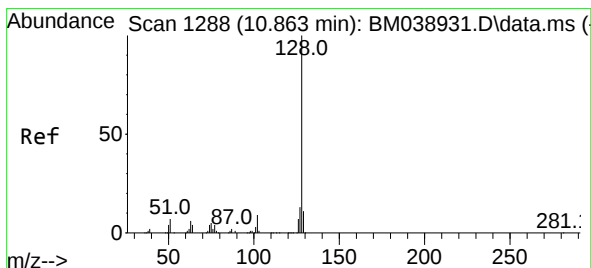
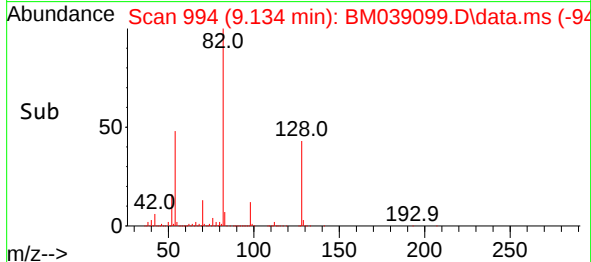
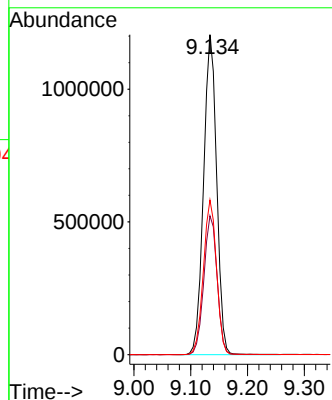
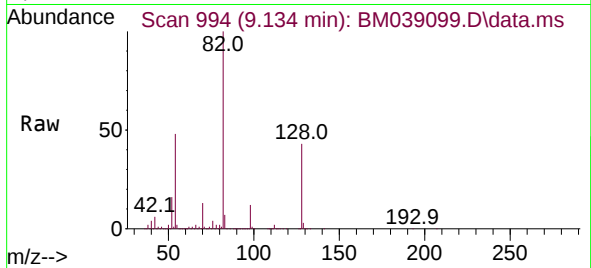




#23
Nitrobenzene-d5
Concen: 91.093 ng
RT: 9.134 min Scan# 999
Delta R.T. -0.006 min
Lab File: BM039099.D
Acq: 22 Mar 2023 19:27

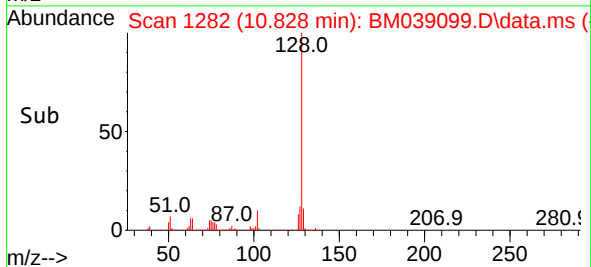
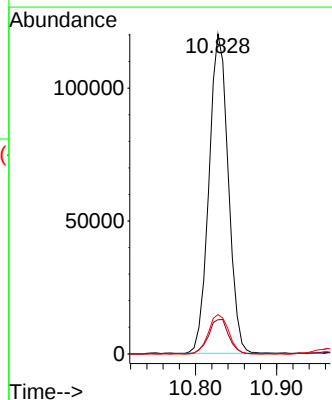
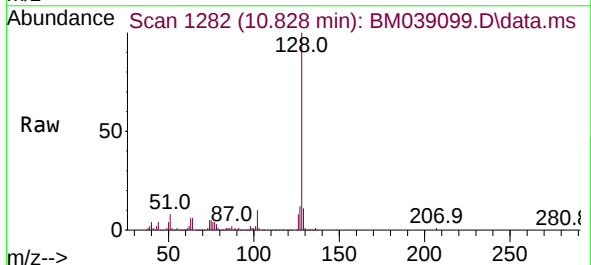
Instrument :
BNA_M
ClientSampleId :
S-2

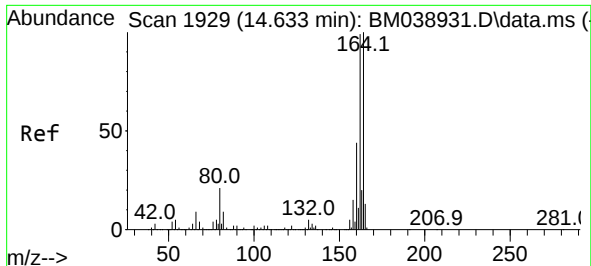
Tgt Ion: 82 Resp: 1929916
Ion Ratio Lower Upper
82 100
128 43.4 34.4 51.6
54 48.3 38.8 58.2



#31
Naphthalene
Concen: 3.345 ng
RT: 10.828 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BM039099.D
Acq: 22 Mar 2023 19:27

Tgt Ion: 128 Resp: 198479
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 12.3 10.2 15.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.604 min Scan# 19

Delta R.T. -0.006 min

Lab File: BM039099.D

Acq: 22 Mar 2023 19:27

Instrument :

BNA_M

ClientSampleId :

S-2

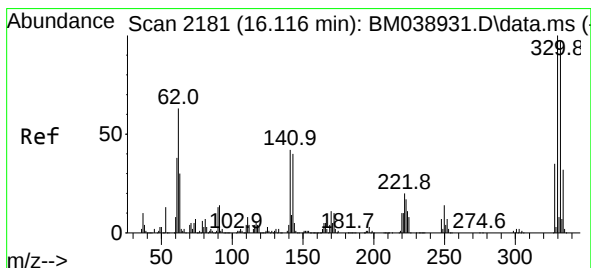
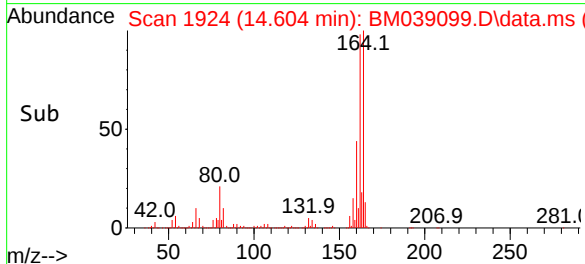
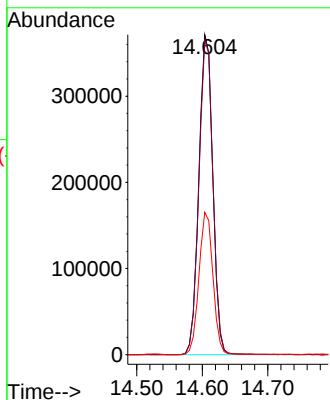
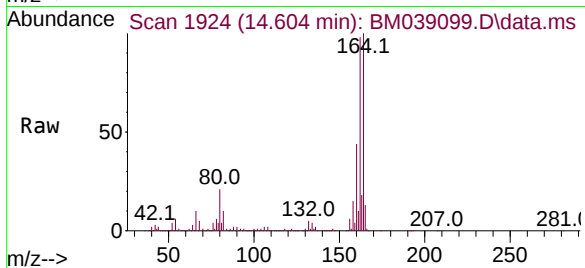
Tgt Ion:164 Resp: 543865

Ion Ratio Lower Upper

164 100

162 98.3 79.2 118.8

160 44.5 35.5 53.3



#42

2,4,6-Tribromophenol

Concen: 137.312 ng

RT: 16.092 min Scan# 2177

Delta R.T. -0.006 min

Lab File: BM039099.D

Acq: 22 Mar 2023 19:27

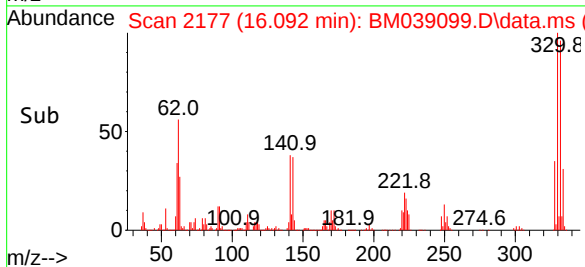
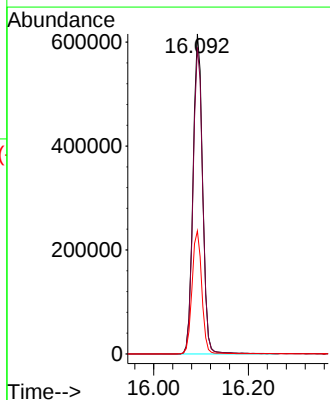
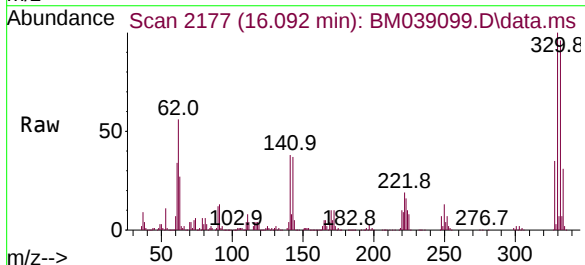
Tgt Ion:330 Resp: 863920

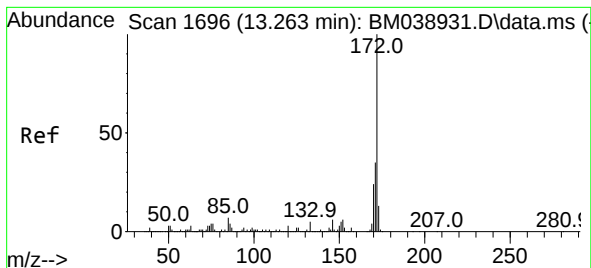
Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.0

141 39.2 32.2 48.4





#45

2-Fluorobiphenyl

Concen: 88.460 ng

RT: 13.233 min Scan# 1696

Delta R.T. 0.000 min

Lab File: BM039099.D

Acq: 22 Mar 2023 19:27

Instrument :

BNA_M

ClientSampleId :

S-2

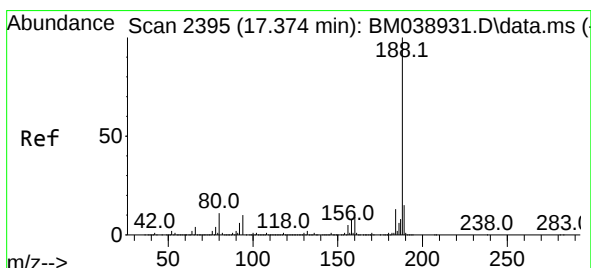
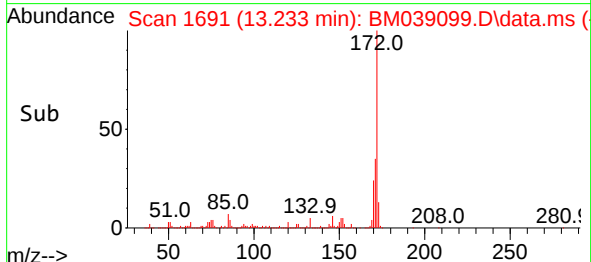
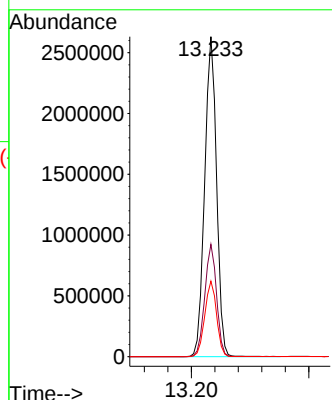
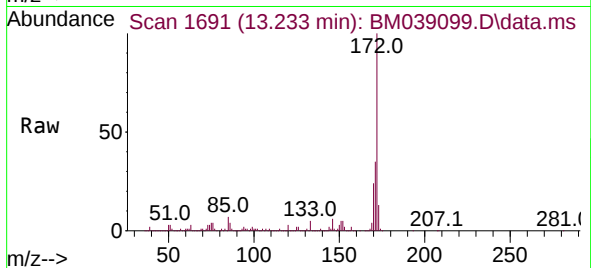
Tgt Ion:172 Resp: 3695677

Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.2

170 23.6 19.1 28.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.351 min Scan# 2391

Delta R.T. 0.000 min

Lab File: BM039099.D

Acq: 22 Mar 2023 19:27

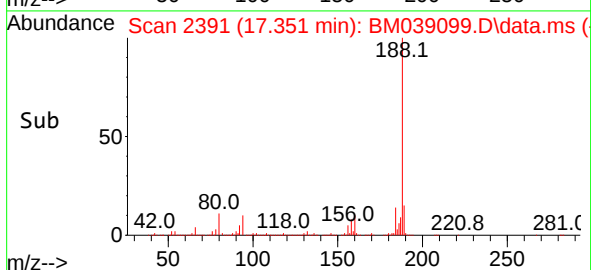
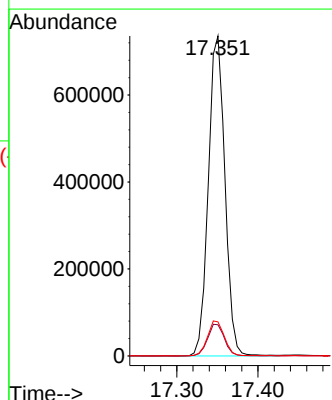
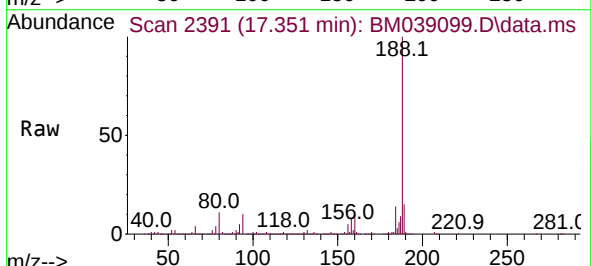
Tgt Ion:188 Resp: 1047688

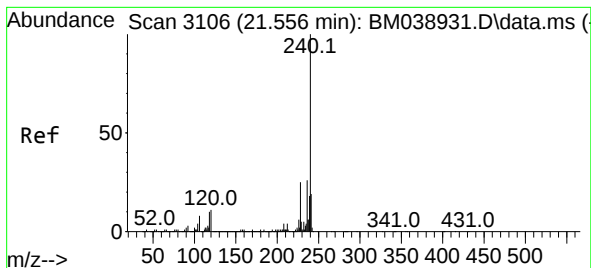
Ion Ratio Lower Upper

188 100

94 9.7 7.9 11.9

80 10.6 8.5 12.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.527 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM039099.D

Acq: 22 Mar 2023 19:27

Instrument :

BNA_M

ClientSampleId :

S-2

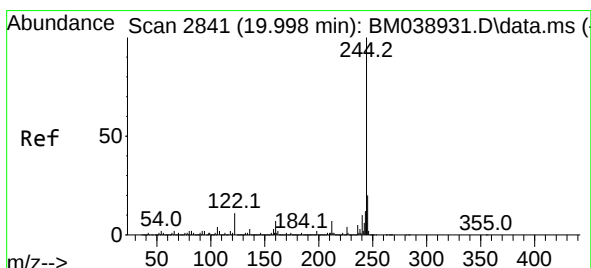
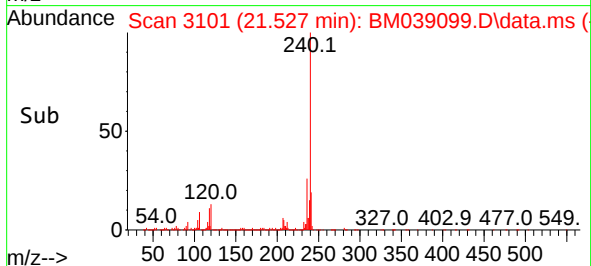
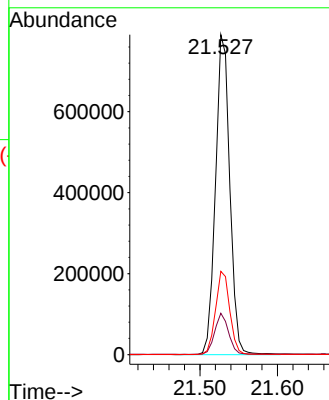
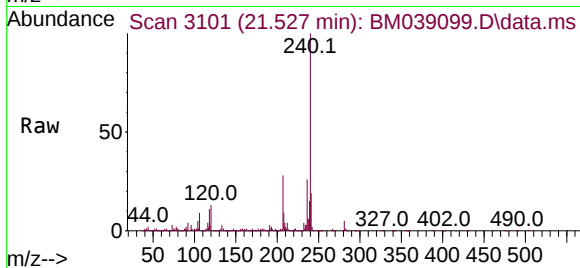
Tgt Ion:240 Resp: 1011032

Ion Ratio Lower Upper

240 100

120 12.9 9.2 13.8

236 26.0 20.8 31.2



#79

Terphenyl-d14

Concen: 91.143 ng

RT: 19.974 min Scan# 2837

Delta R.T. 0.006 min

Lab File: BM039099.D

Acq: 22 Mar 2023 19:27

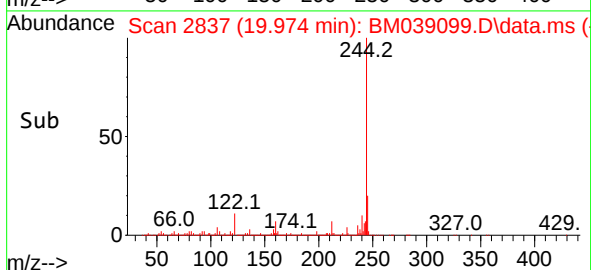
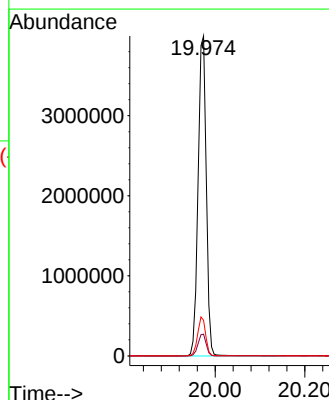
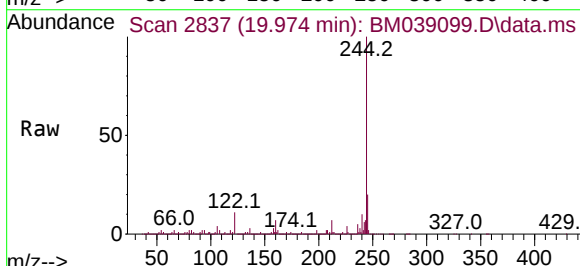
Tgt Ion:244 Resp: 5040006

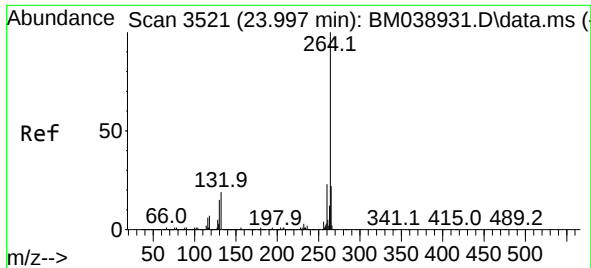
Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 11.1 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.962 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM039099.D
Acq: 22 Mar 2023 19:27

Instrument :
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ClientSampleId :
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Tgt Ion:264 Resp: 1169031

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	22.2	17.9	26.9

