

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032423\
 Data File : BM039154.D
 Acq On : 24 Mar 2023 22:51
 Operator : CG/JU
 Sample : 02049-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OK-02-032323

Quant Time: Mar 25 01:10:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 24 15:04:20 2023
 Response via : Initial Calibration

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

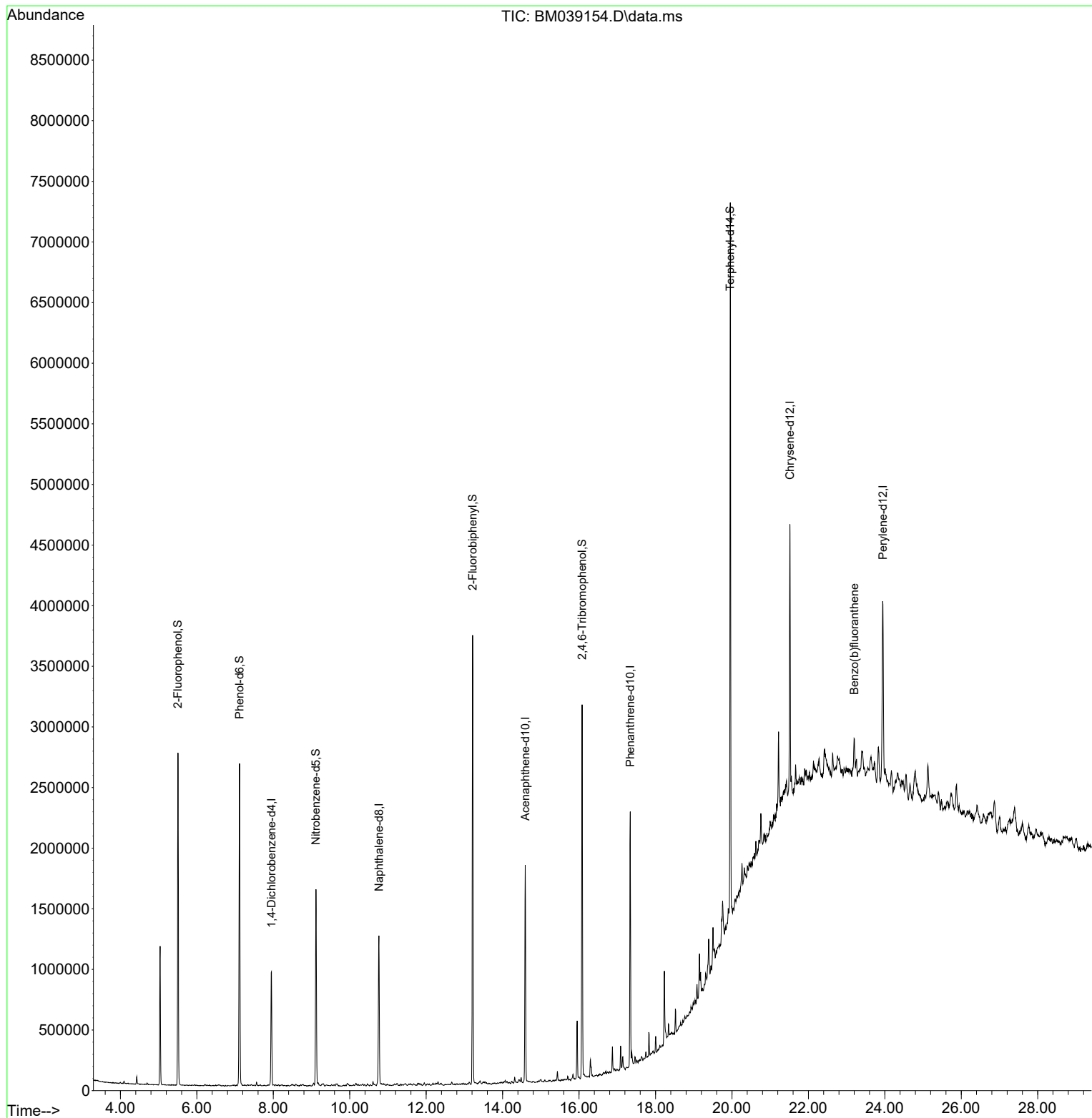
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	253514	20.000	ng	0.00
21) Naphthalene-d8	10.763	136	1021904	20.000	ng	0.00
39) Acenaphthene-d10	14.592	164	595751	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	1218657	20.000	ng	0.00
76) Chrysene-d12	21.515	240	1021689	20.000	ng	-0.01
86) Perylene-d12	23.950	264	1145066	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1179653	70.696	ng	0.00
7) Phenol-d6	7.116	99	1534172	70.784	ng	0.00
23) Nitrobenzene-d5	9.116	82	913385	43.905	ng	0.00
42) 2,4,6-Tribromophenol	16.080	330	538234	78.097	ng	0.00
45) 2-Fluorobiphenyl	13.216	172	1925745	42.080	ng	0.00
79) Terphenyl-d14	19.956	244	2801129	50.127	ng	0.00
Target Compounds						
88) Benzo(b)fluoranthene	23.203	252	158833	2.171	ng	Qvalue # 51

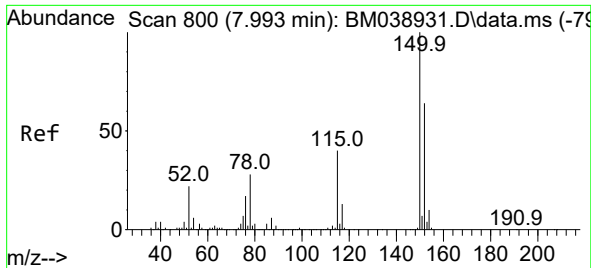
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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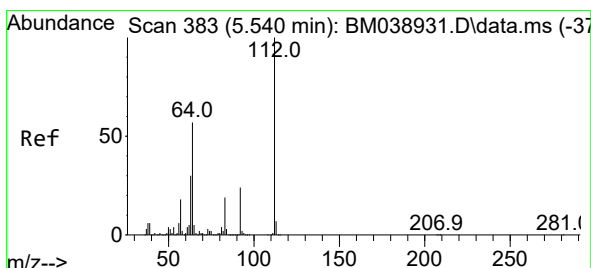
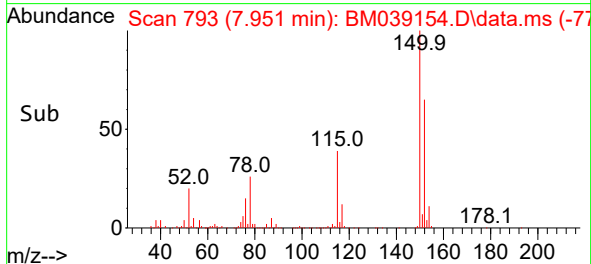
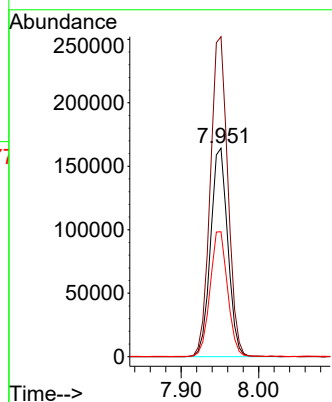
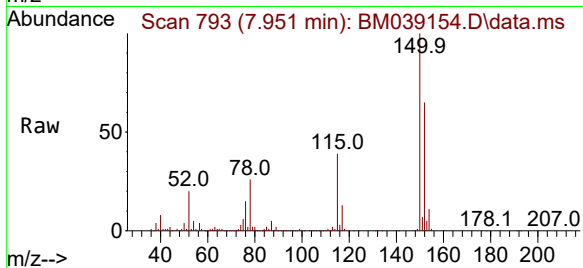




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.951 min Scan# 79
Delta R.T. 0.000 min
Lab File: BM039154.D
Acq: 24 Mar 2023 22:51

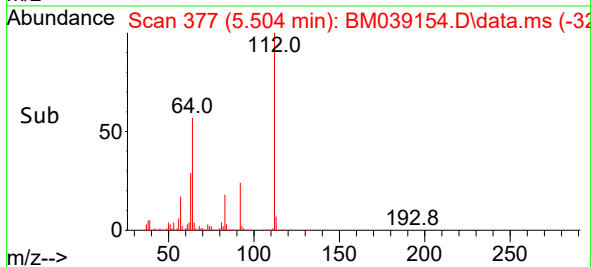
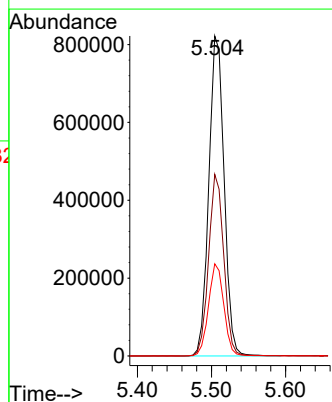
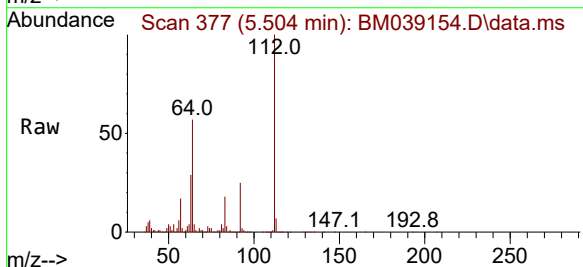
Instrument :
BNA_M
ClientSampleId :
OK-02-032323

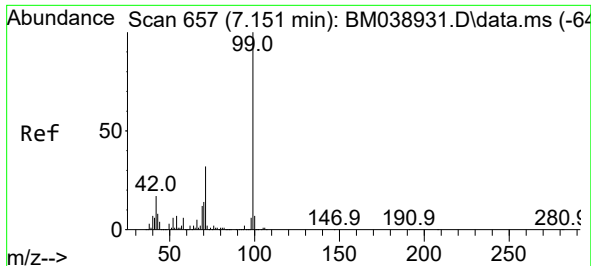
Tgt Ion:152 Resp: 253514
Ion Ratio Lower Upper
152 100
150 153.5 125.1 187.7
115 59.9 49.6 74.4



#5
2-Fluorophenol
Concen: 70.696 ng
RT: 5.504 min Scan# 377
Delta R.T. 0.000 min
Lab File: BM039154.D
Acq: 24 Mar 2023 22:51

Tgt Ion:112 Resp: 1179653
Ion Ratio Lower Upper
112 100
64 56.7 45.9 68.9
63 28.8 23.8 35.8



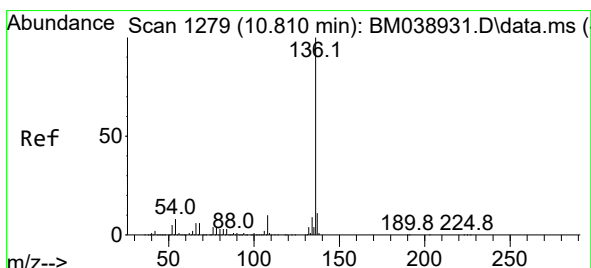
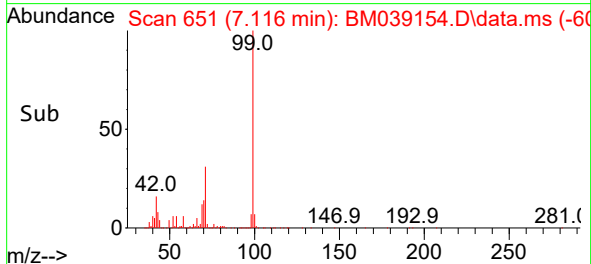
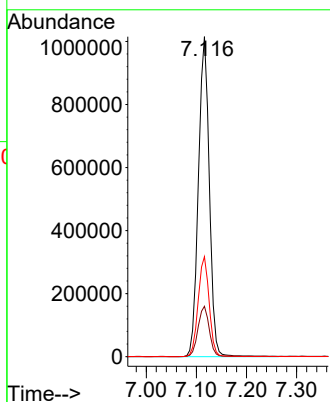
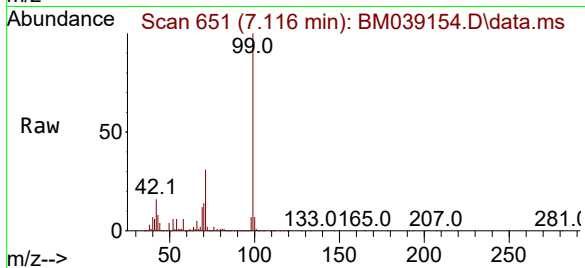


#7
Phenol-d6
Concen: 70.784 ng
RT: 7.116 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM039154.D
Acq: 24 Mar 2023 22:51

Instrument :
BNA_M
ClientSampleId :
OK-02-032323

Tgt Ion: 99 Resp: 1534172

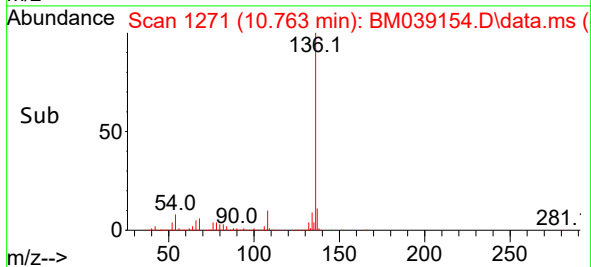
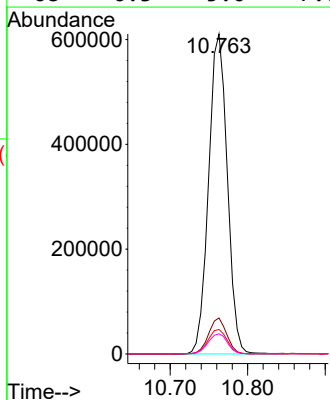
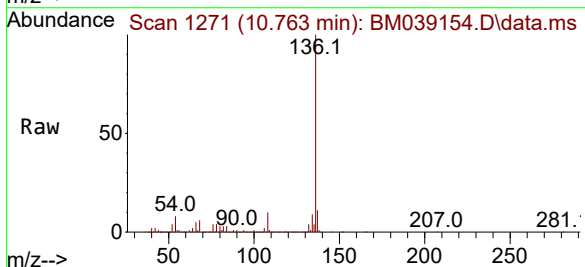
Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.5	20.3
71	31.2	25.6	38.4

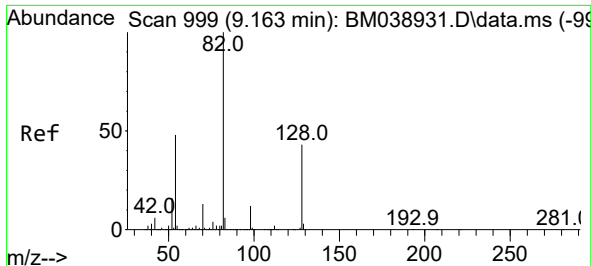


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.763 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BM039154.D
Acq: 24 Mar 2023 22:51

Tgt Ion: 136 Resp: 1021904

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	7.7	6.3	9.5
68	6.3	5.0	7.6





#23

Nitrobenzene-d5

Concen: 43.905 ng

RT: 9.116 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM039154.D

Acq: 24 Mar 2023 22:51

Instrument :

BNA_M

ClientSampleId :

OK-02-032323

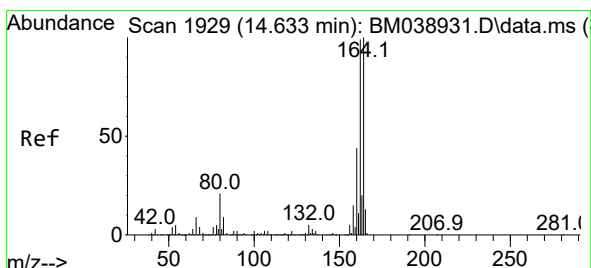
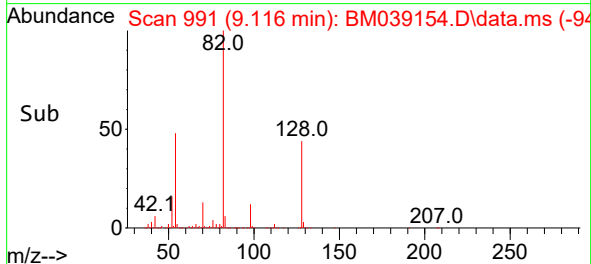
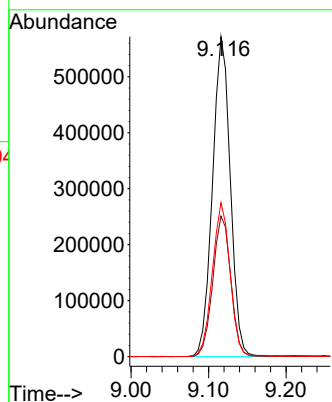
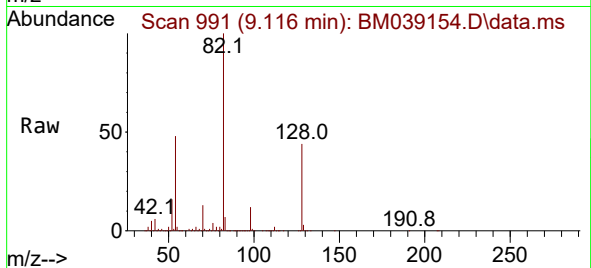
Tgt Ion: 82 Resp: 913385

Ion Ratio Lower Upper

82 100

128 44.0 34.4 51.6

54 48.1 38.8 58.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.592 min Scan# 1922

Delta R.T. -0.006 min

Lab File: BM039154.D

Acq: 24 Mar 2023 22:51

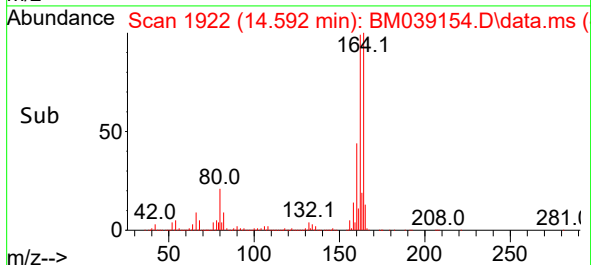
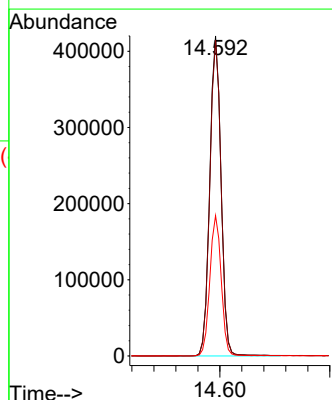
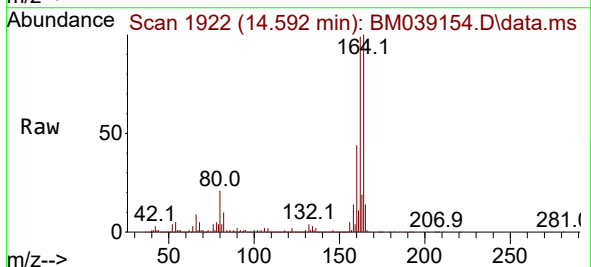
Tgt Ion: 164 Resp: 595751

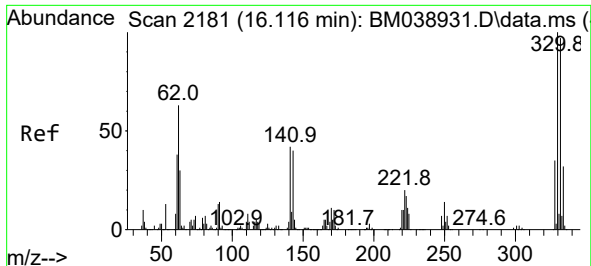
Ion Ratio Lower Upper

164 100

162 98.6 79.2 118.8

160 43.9 35.5 53.3





#42

2,4,6-Tribromophenol

Concen: 78.097 ng

RT: 16.080 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039154.D

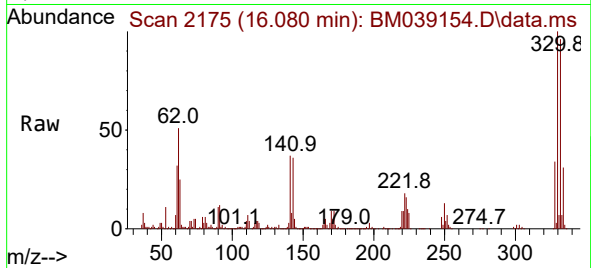
Acq: 24 Mar 2023 22:51

Instrument :

BNA_M

ClientSampleId :

OK-02-032323



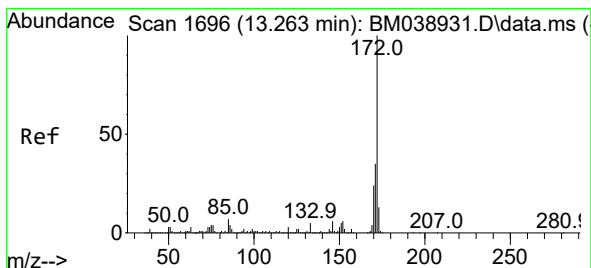
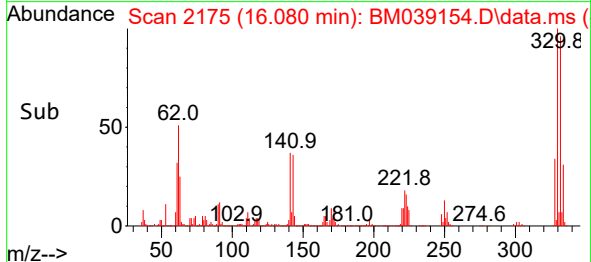
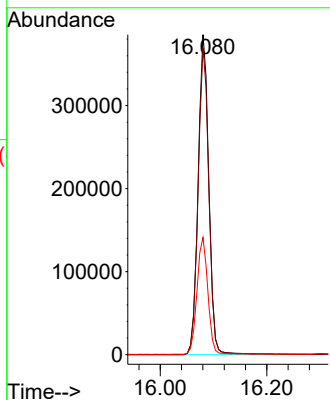
Tgt Ion:330 Resp: 538234

Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.0

141 36.9 32.2 48.4



#45

2-Fluorobiphenyl

Concen: 42.080 ng

RT: 13.216 min Scan# 1688

Delta R.T. -0.006 min

Lab File: BM039154.D

Acq: 24 Mar 2023 22:51

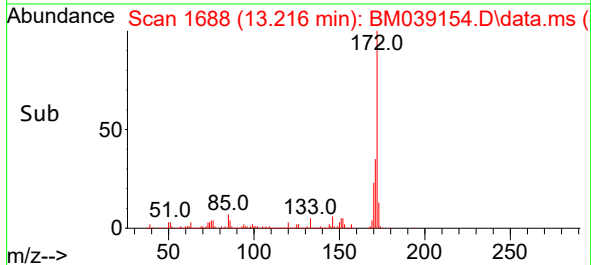
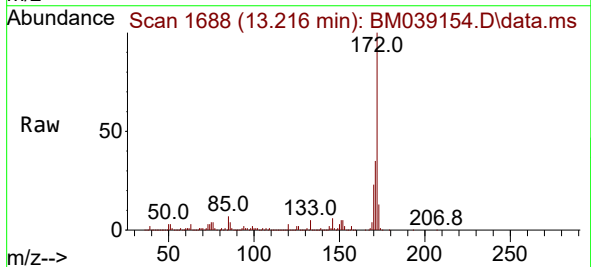
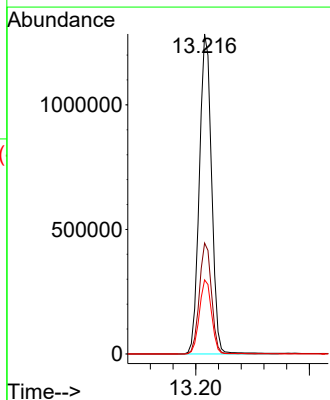
Tgt Ion:172 Resp: 1925745

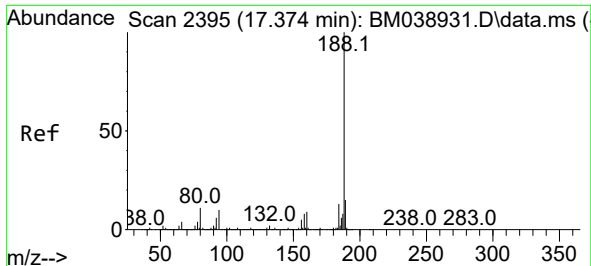
Ion Ratio Lower Upper

172 100

171 34.6 28.2 42.2

170 23.2 19.1 28.7

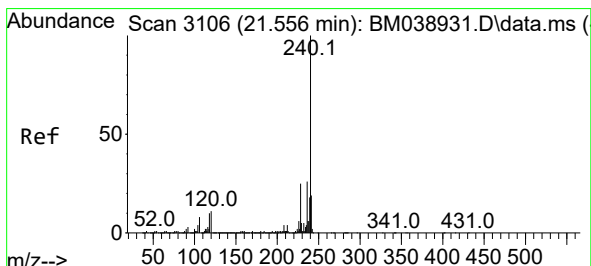
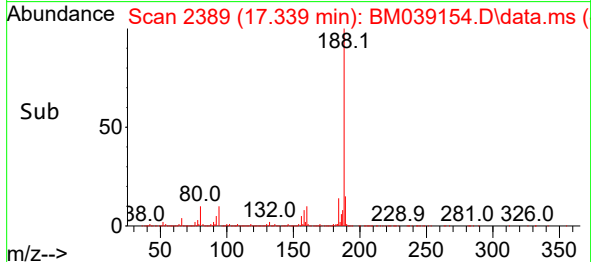
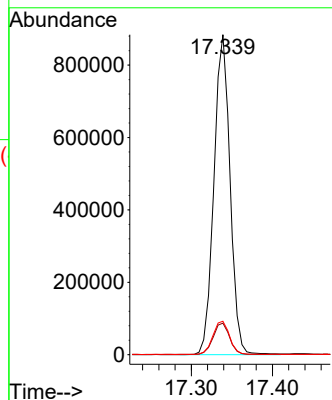
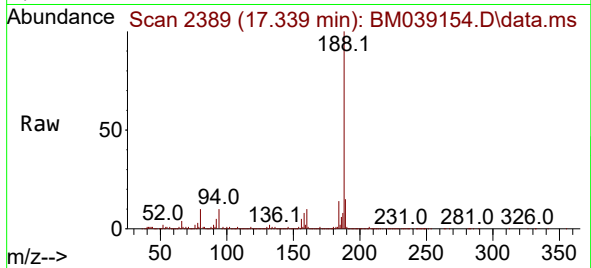




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.339 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039154.D
Acq: 24 Mar 2023 22:51

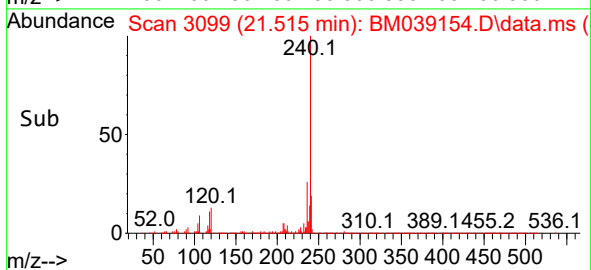
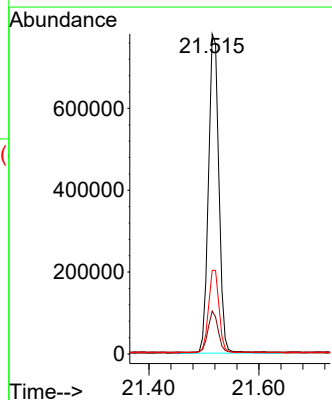
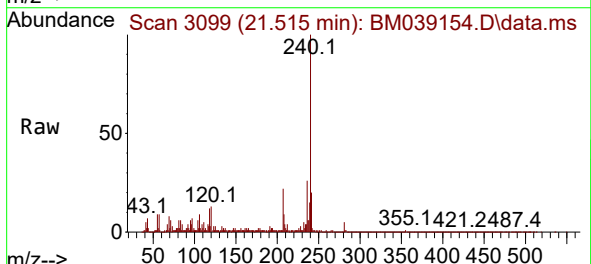
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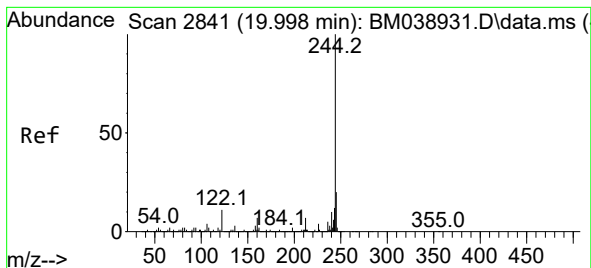
Tgt Ion:188 Resp: 1218657
Ion Ratio Lower Upper
188 100
94 9.8 7.9 11.9
80 10.4 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.515 min Scan# 3099
Delta R.T. -0.012 min
Lab File: BM039154.D
Acq: 24 Mar 2023 22:51

Tgt Ion:240 Resp: 1021689
Ion Ratio Lower Upper
240 100
120 13.4 9.2 13.8
236 26.1 20.8 31.2





#79

Terphenyl-d14

Concen: 50.127 ng

RT: 19.956 min Scan# 2

Delta R.T. -0.006 min

Lab File: BM039154.D

Acq: 24 Mar 2023 22:51

Instrument :

BNA_M

ClientSampleId :

OK-02-032323

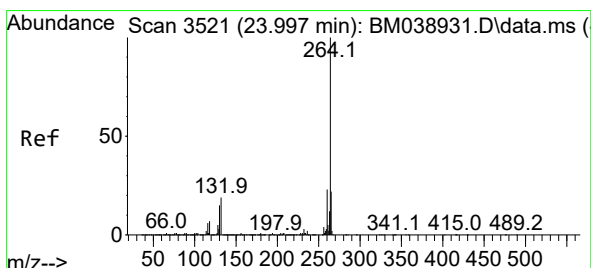
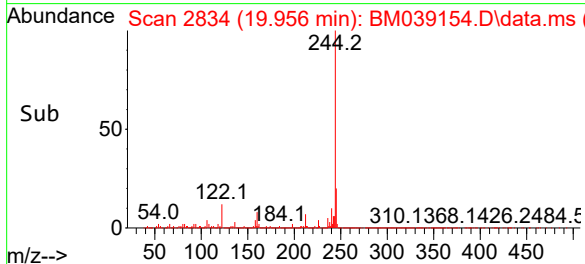
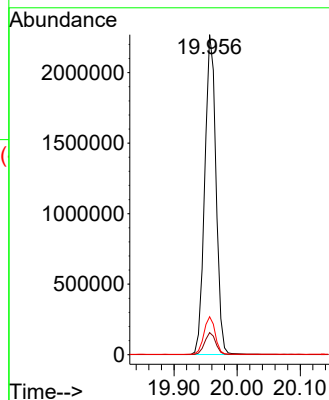
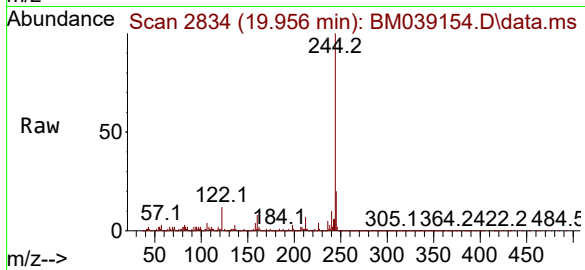
Tgt Ion:244 Resp: 2801129

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 11.9 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.950 min Scan# 3513

Delta R.T. -0.006 min

Lab File: BM039154.D

Acq: 24 Mar 2023 22:51

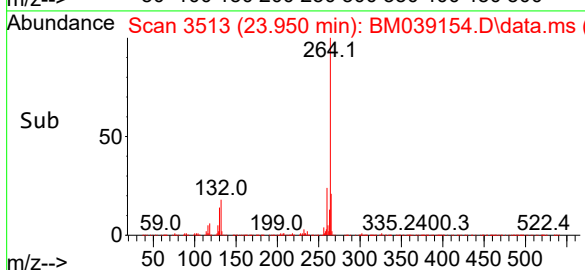
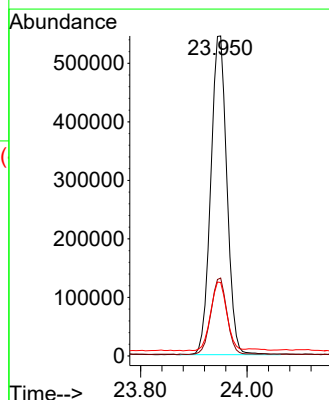
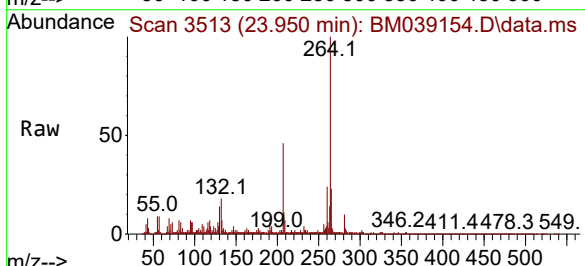
Tgt Ion:264 Resp: 1145066

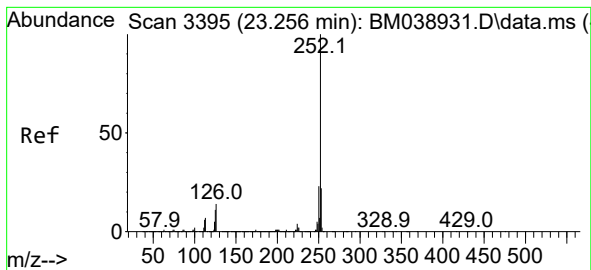
Ion Ratio Lower Upper

264 100

260 24.4 18.7 28.1

265 23.0 17.9 26.9





#88

Benzo(b)fluoranthene

Concen: 2.171 ng

RT: 23.203 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM039154.D

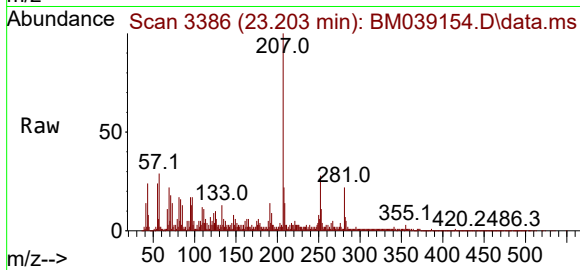
Acq: 24 Mar 2023 22:51

Instrument :

BNA_M

ClientSampleId :

OK-02-032323



Tgt Ion:252 Resp: 158833

Ion Ratio Lower Upper

252 100

253 40.7 17.6 26.4#

125 36.8 8.8 13.2#

