

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032423\
 Data File : BM039138.D
 Acq On : 24 Mar 2023 12:39
 Operator : CG/JU
 Sample : PB151580BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151580BL

Quant Time: Mar 24 15:06:15 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	270615	20.000	ng	0.00
21) Naphthalene-d8	10.763	136	1158251	20.000	ng	0.00
39) Acenaphthene-d10	14.592	164	761450	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	1710491	20.000	ng	0.00
76) Chrysene-d12	21.521	240	1579704	20.000	ng	0.00
86) Perylene-d12	23.950	264	1672582	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	2788171	156.534	ng	0.00
7) Phenol-d6	7.122	99	3657597	158.092	ng	0.00
23) Nitrobenzene-d5	9.122	82	2162376	91.706	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	1478153	167.805	ng	0.00
45) 2-Fluorobiphenyl	13.221	172	4991732	85.340	ng	0.00
79) Terphenyl-d14	19.962	244	8058488	93.268	ng	0.00

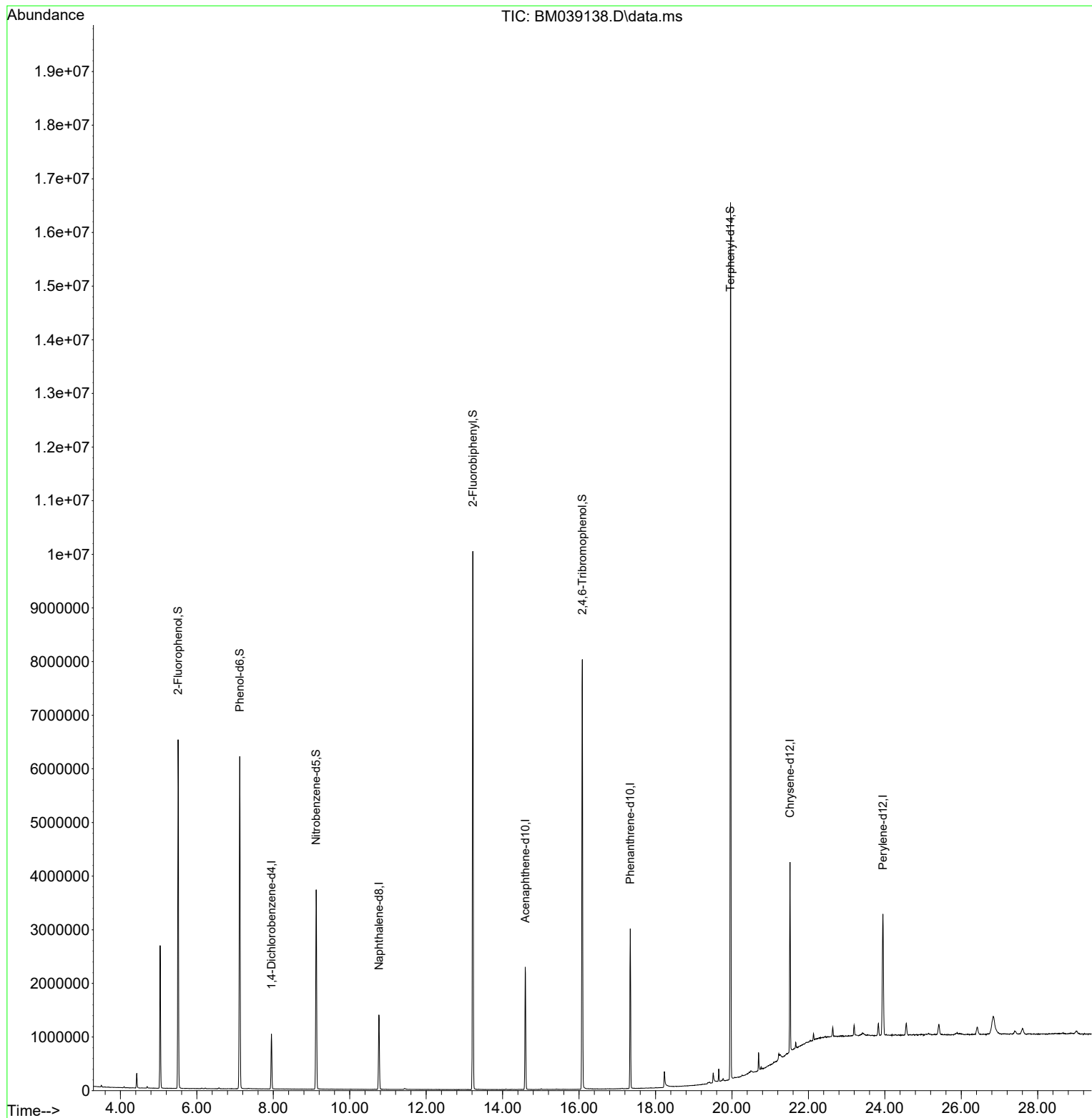
Target Compounds	Qvalue

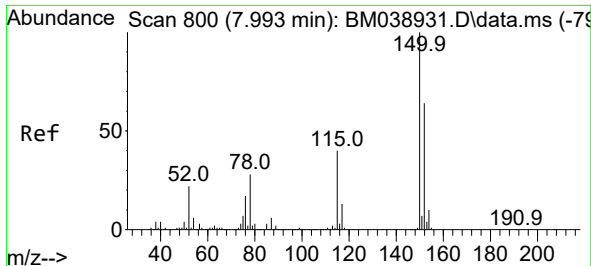
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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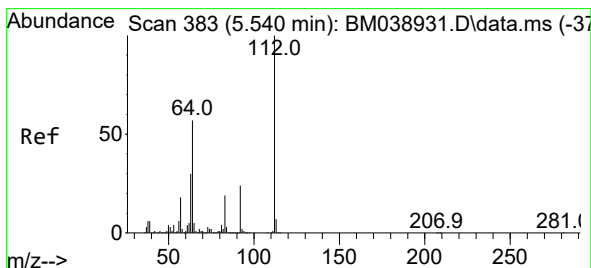
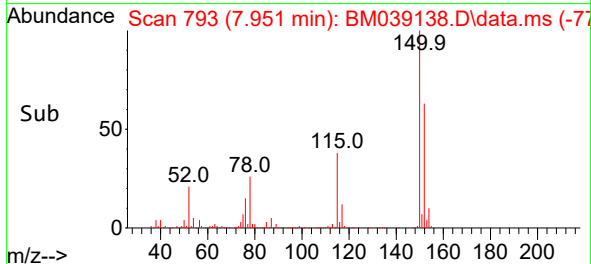
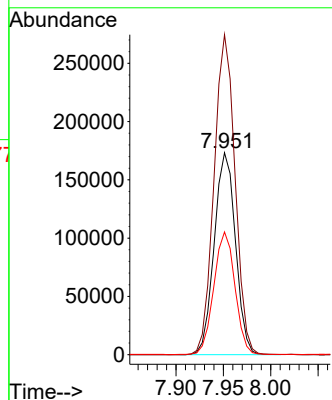
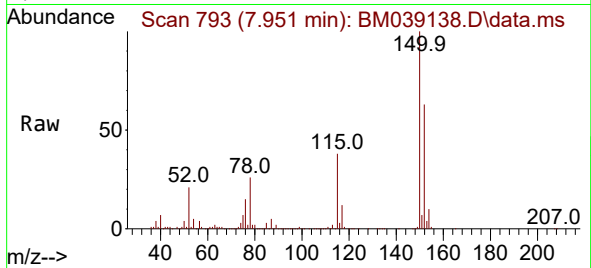




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.951 min Scan# 79
Delta R.T. 0.000 min
Lab File: BM039138.D
Acq: 24 Mar 2023 12:39

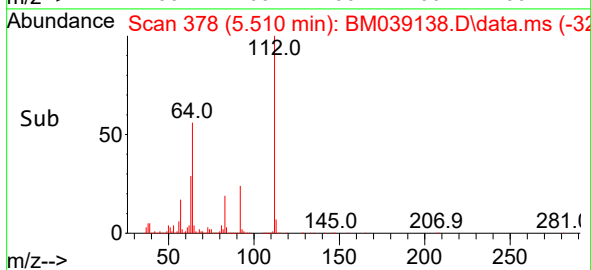
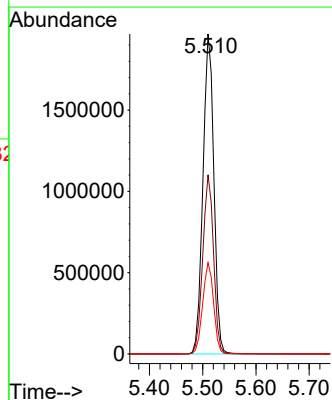
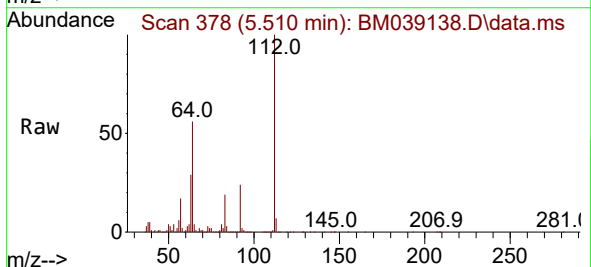
Instrument :
BNA_M
ClientSampleId :
PB151580BL

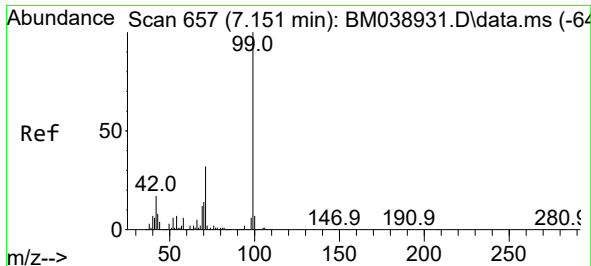
Tgt Ion:152 Resp: 270615
Ion Ratio Lower Upper
152 100
150 158.4 125.1 187.7
115 60.7 49.6 74.4



#5
2-Fluorophenol
Concen: 156.534 ng
RT: 5.510 min Scan# 378
Delta R.T. 0.006 min
Lab File: BM039138.D
Acq: 24 Mar 2023 12:39

Tgt Ion:112 Resp: 2788171
Ion Ratio Lower Upper
112 100
64 56.0 45.9 68.9
63 28.5 23.8 35.8



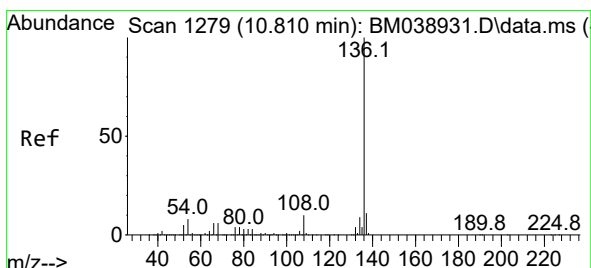
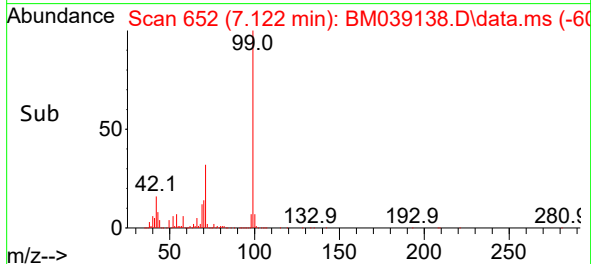
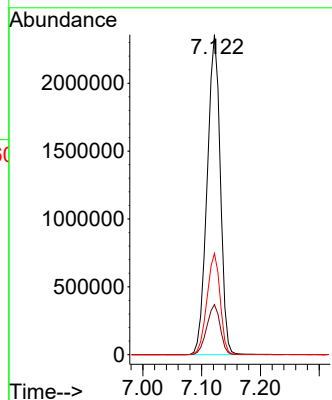
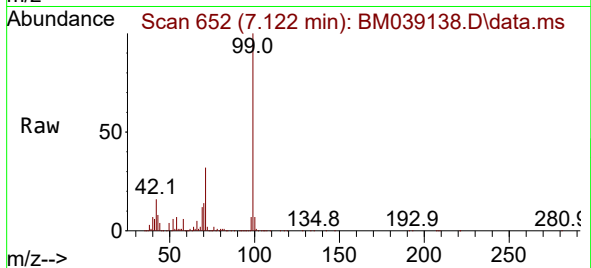


#7
Phenol-d6
Concen: 158.092 ng
RT: 7.122 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM039138.D
Acq: 24 Mar 2023 12:39

Instrument :
BNA_M
ClientSampleId :
PB151580BL

Tgt Ion: 99 Resp: 3657597

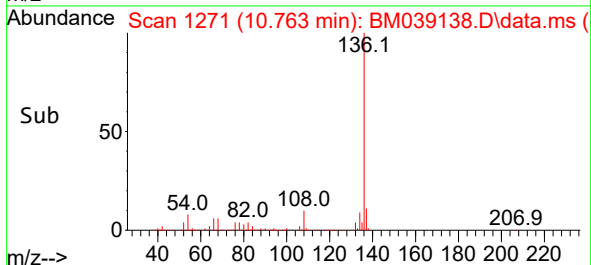
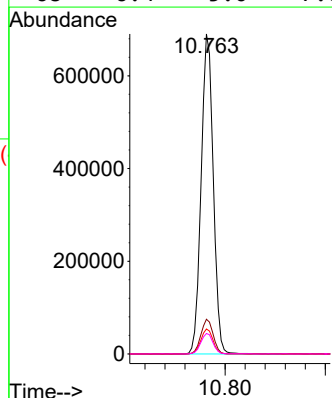
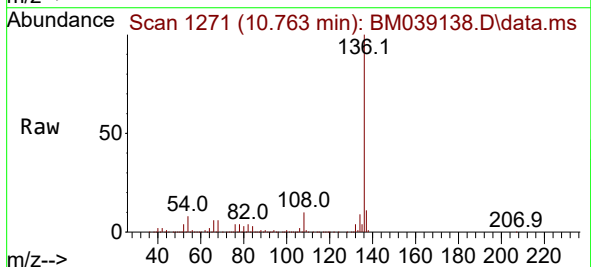
Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.5	20.3
71	31.7	25.6	38.4

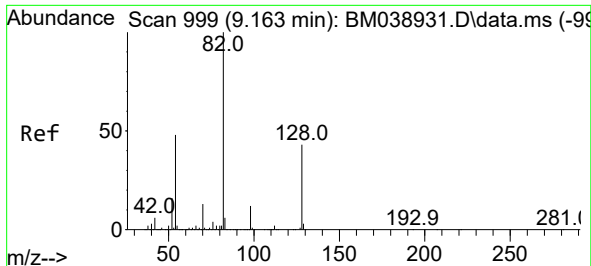


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.763 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BM039138.D
Acq: 24 Mar 2023 12:39

Tgt Ion: 136 Resp: 1158251

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.8	6.3	9.5
68	6.4	5.0	7.6

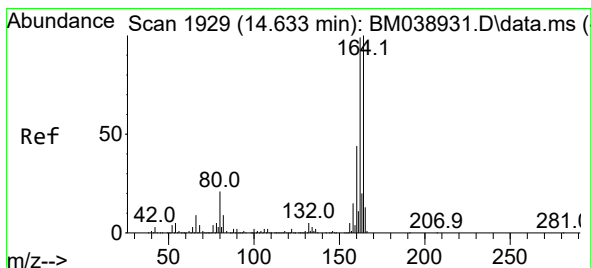
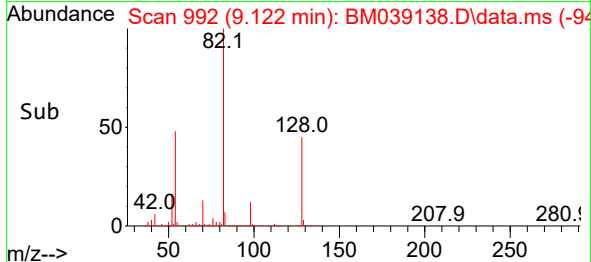
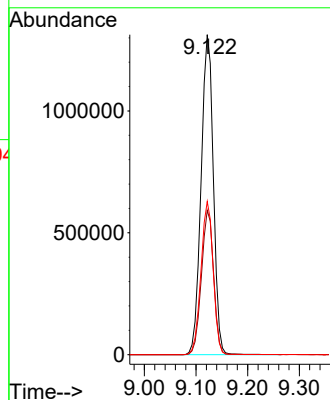
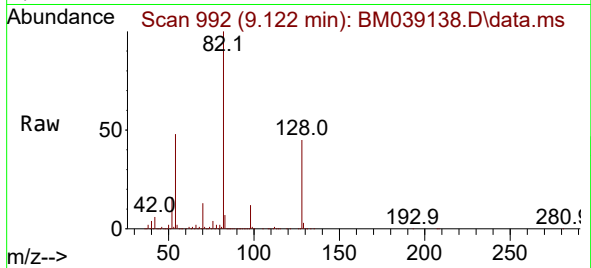




#23
Nitrobenzene-d5
Concen: 91.706 ng
RT: 9.122 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM039138.D
Acq: 24 Mar 2023 12:39

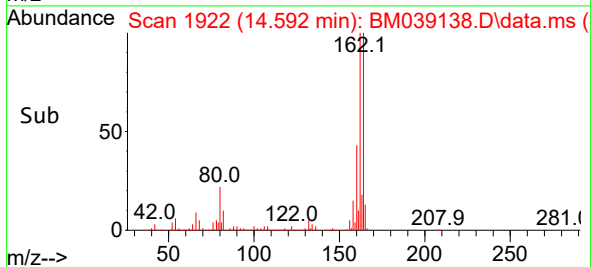
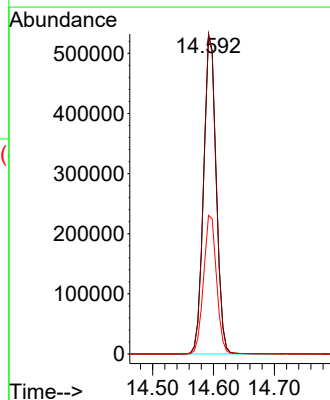
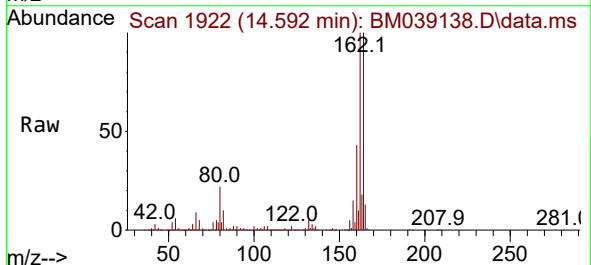
Instrument :
BNA_M
ClientSampleId :
PB151580BL

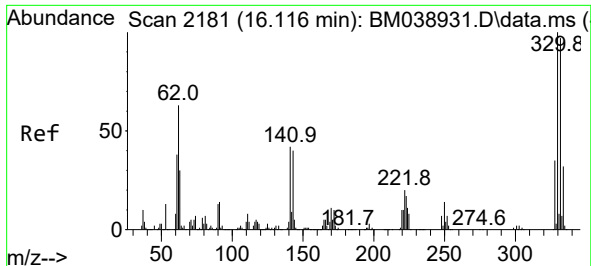
Tgt Ion: 82 Resp: 2162376
Ion Ratio Lower Upper
82 100
128 45.1 34.4 51.6
54 47.9 38.8 58.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.592 min Scan# 1922
Delta R.T. -0.006 min
Lab File: BM039138.D
Acq: 24 Mar 2023 12:39

Tgt Ion:164 Resp: 761450
Ion Ratio Lower Upper
164 100
162 100.2 79.2 118.8
160 43.4 35.5 53.3

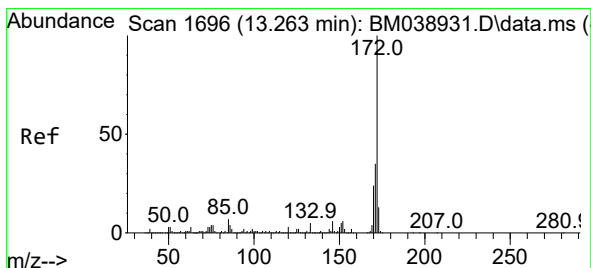
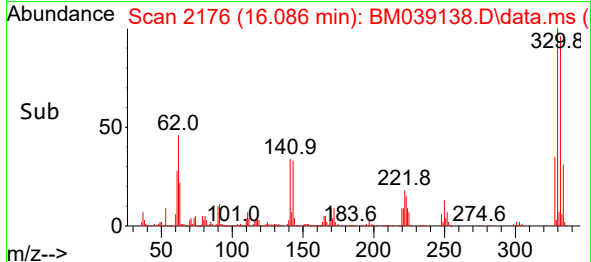
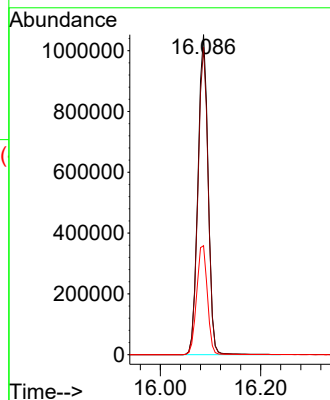
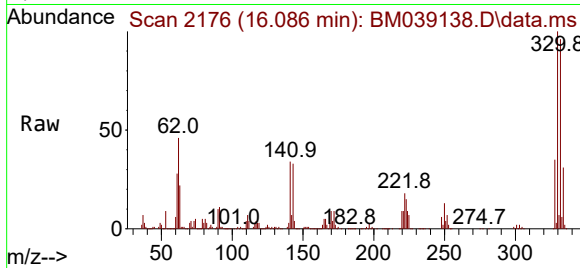




#42
2,4,6-Tribromophenol
Concen: 167.805 ng
RT: 16.086 min Scan# 2181
Delta R.T. -0.000 min
Lab File: BM039138.D
Acq: 24 Mar 2023 12:39

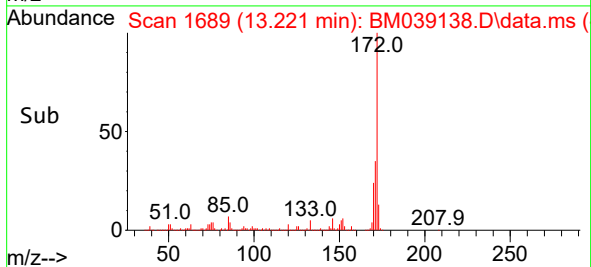
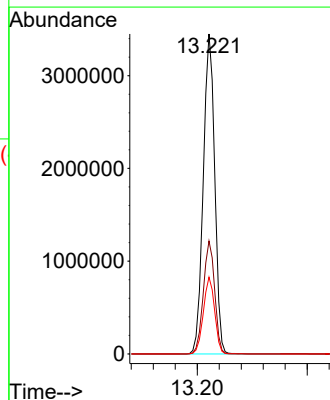
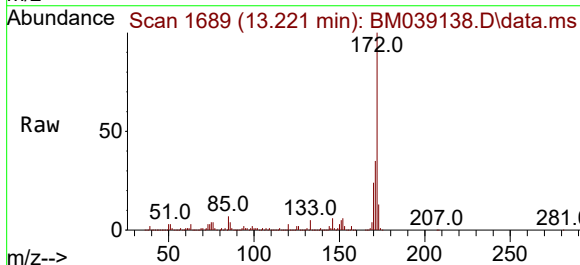
Instrument :
BNA_M
ClientSampleId :
PB151580BL

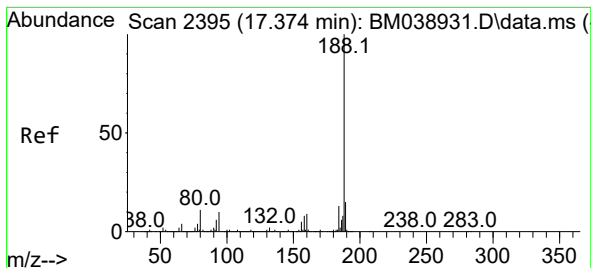
Tgt Ion:330 Resp: 1478153
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.0
141 35.9 32.2 48.4



#45
2-Fluorobiphenyl
Concen: 85.340 ng
RT: 13.221 min Scan# 1689
Delta R.T. -0.000 min
Lab File: BM039138.D
Acq: 24 Mar 2023 12:39

Tgt Ion:172 Resp: 4991732
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 24.0 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: BM039138.D

Acq: 24 Mar 2023 12:39

Instrument :

BNA_M

ClientSampleId :

PB151580BL

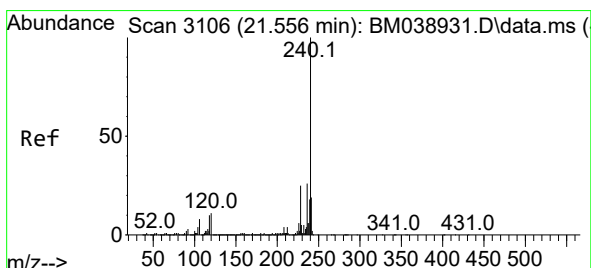
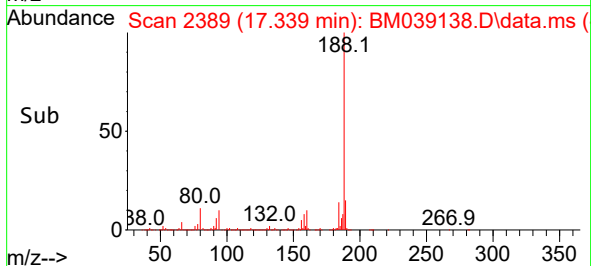
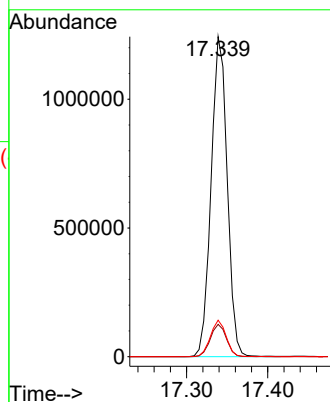
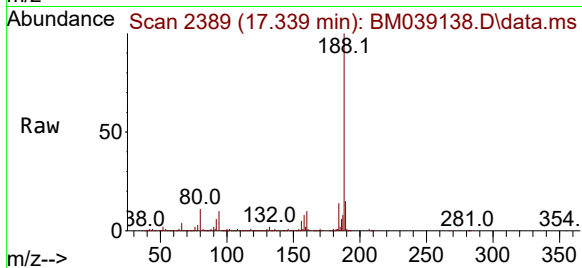
Tgt Ion:188 Resp: 1710491

Ion Ratio Lower Upper

188 100

94 10.1 7.9 11.9

80 11.4 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.521 min Scan# 3100

Delta R.T. -0.006 min

Lab File: BM039138.D

Acq: 24 Mar 2023 12:39

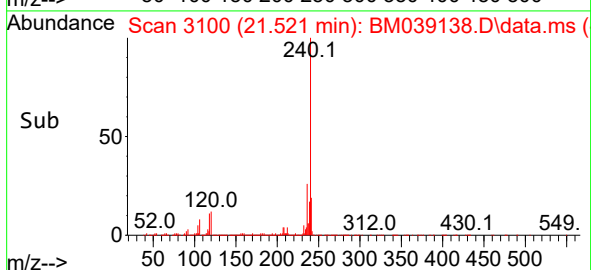
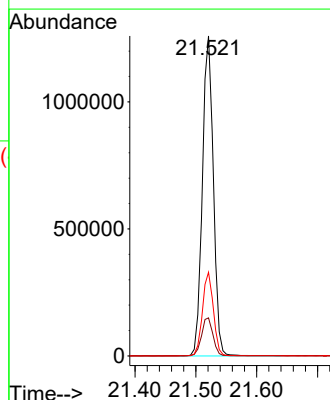
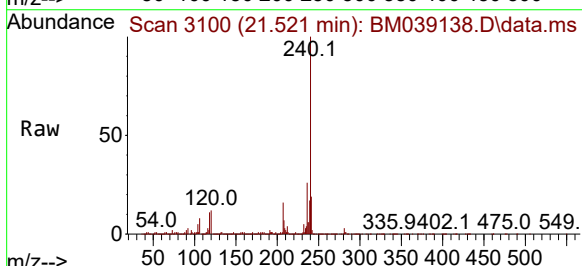
Tgt Ion:240 Resp: 1579704

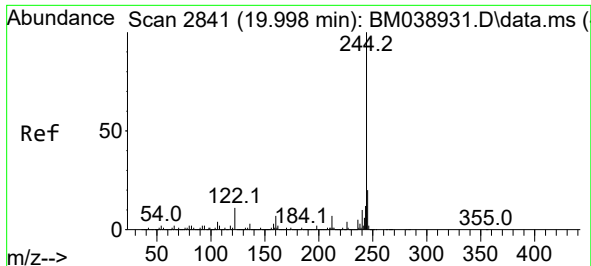
Ion Ratio Lower Upper

240 100

120 11.9 9.2 13.8

236 26.1 20.8 31.2

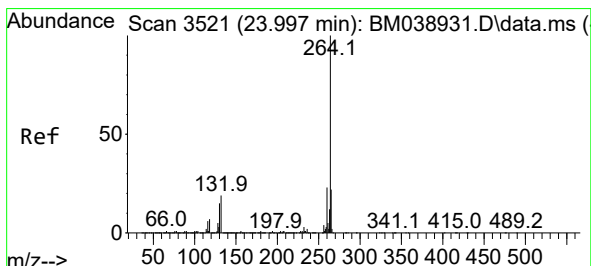
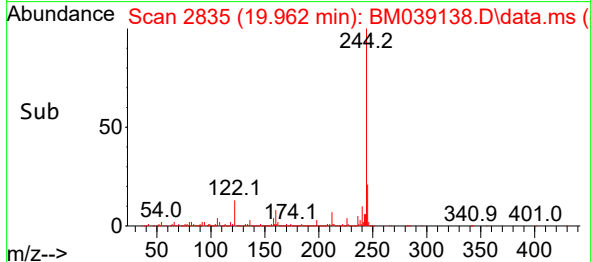
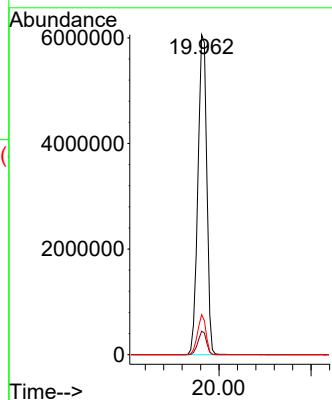
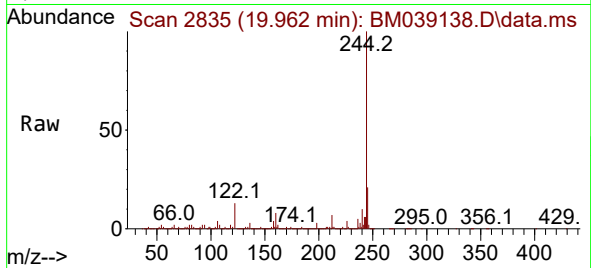




#79
 Terphenyl-d14
 Concen: 93.268 ng
 RT: 19.962 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM039138.D
 Acq: 24 Mar 2023 12:39

Instrument :
 BNA_M
 ClientSampleId :
 PB151580BL

Tgt Ion:244 Resp: 8058488
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 12.5 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: BM039138.D
 Acq: 24 Mar 2023 12:39

Tgt Ion:264 Resp: 1672582
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 21.9 17.9 26.9

