

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032923\
 Data File : BM039210.D
 Acq On : 29 Mar 2023 18:28
 Operator : CG/JU
 Sample : PB151623BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151623BL

Quant Time: Mar 30 05:54:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 30 05:15:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	219003	20.000	ng	0.00
21) Naphthalene-d8	10.739	136	863113	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	500090	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	1051264	20.000	ng	0.00
76) Chrysene-d12	21.503	240	978120	20.000	ng	0.00
86) Perylene-d12	23.921	264	1075120	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	2077634	142.928	ng	0.00
7) Phenol-d6	7.098	99	2577066	137.067	ng	0.00
23) Nitrobenzene-d5	9.098	82	1557307	87.693	ng	0.00
42) 2,4,6-Tribromophenol	16.062	330	861764	135.750	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	3230326	87.520	ng	0.00
79) Terphenyl-d14	19.945	244	5161872	97.502	ng	0.00

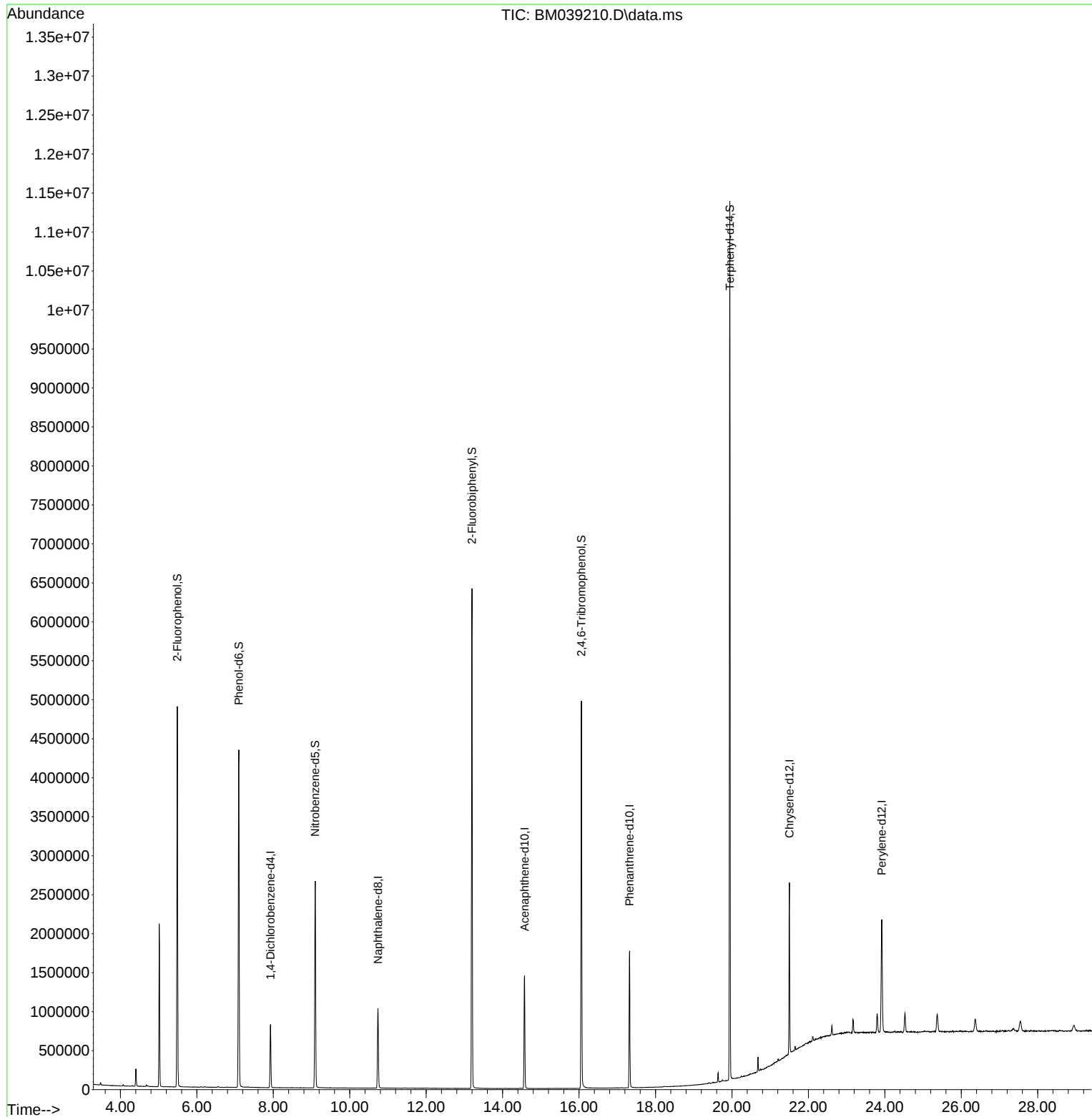
Target Compounds	Qvalue

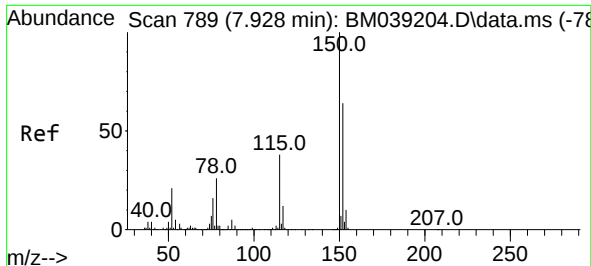
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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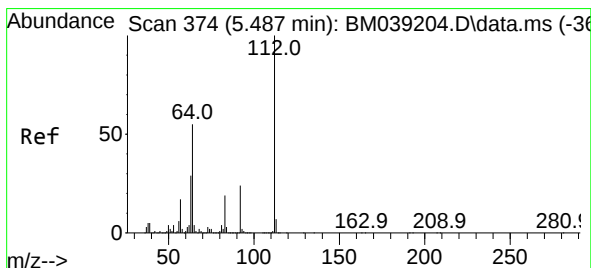
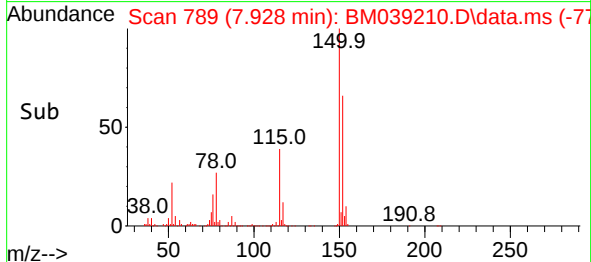
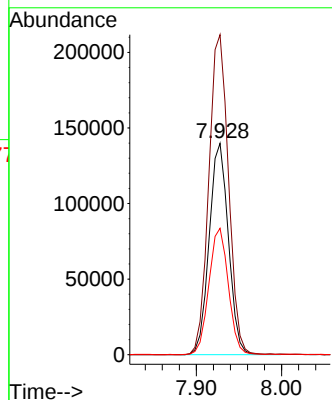
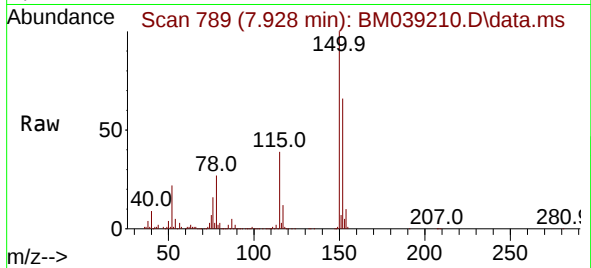




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 789
Delta R.T. -0.000 min
Lab File: BM039210.D
Acq: 29 Mar 2023 18:28

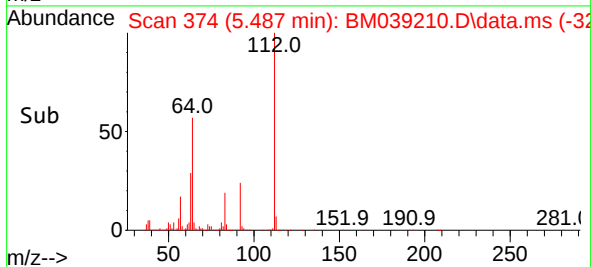
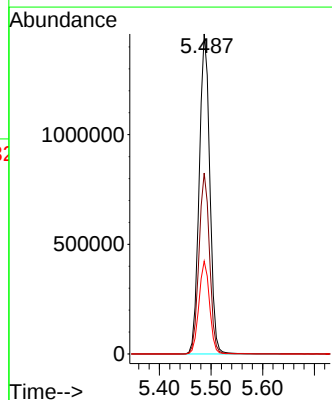
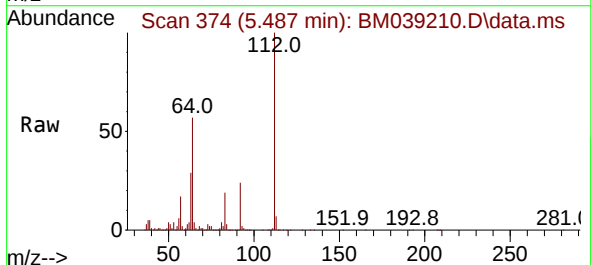
Instrument :
BNA_M
ClientSampleId :
PB151623BL

Tgt Ion:152 Resp: 219003
Ion Ratio Lower Upper
152 100
150 151.4 125.5 188.3
115 59.8 48.1 72.1



#5
2-Fluorophenol
Concen: 142.928 ng
RT: 5.487 min Scan# 374
Delta R.T. -0.000 min
Lab File: BM039210.D
Acq: 29 Mar 2023 18:28

Tgt Ion:112 Resp: 2077634
Ion Ratio Lower Upper
112 100
64 56.6 44.3 66.5
63 29.0 23.0 34.6



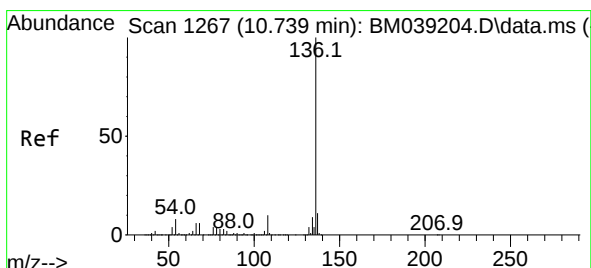
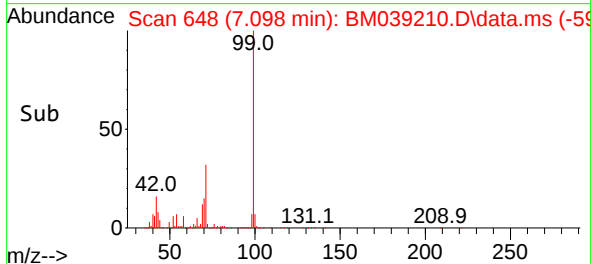
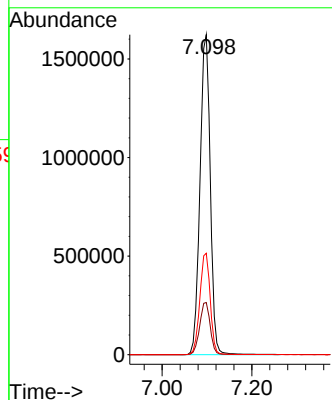
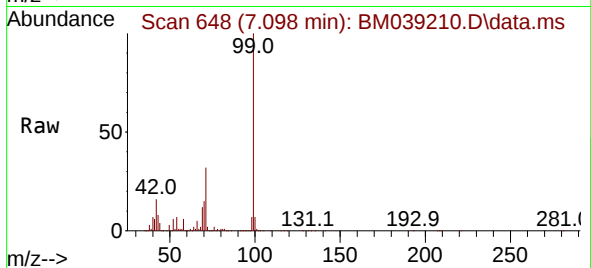


#7
Phenol-d6
Concen: 137.067 ng
RT: 7.098 min Scan# 648
Delta R.T. -0.000 min
Lab File: BM039210.D
Acq: 29 Mar 2023 18:28

Instrument :
BNA_M
ClientSampleId :
PB151623BL

Tgt Ion: 99 Resp: 2577066

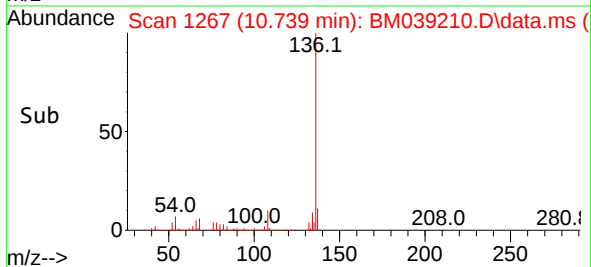
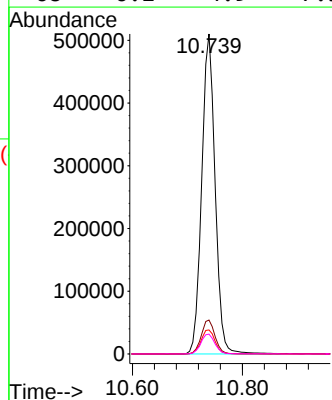
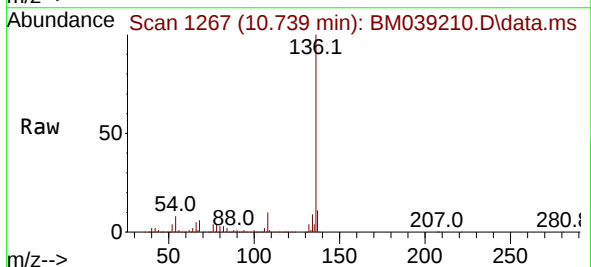
Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.0	19.6
71	31.7	25.5	38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.739 min Scan# 1267
Delta R.T. -0.000 min
Lab File: BM039210.D
Acq: 29 Mar 2023 18:28

Tgt Ion: 136 Resp: 863113

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.5	6.2	9.4
68	6.2	4.9	7.3



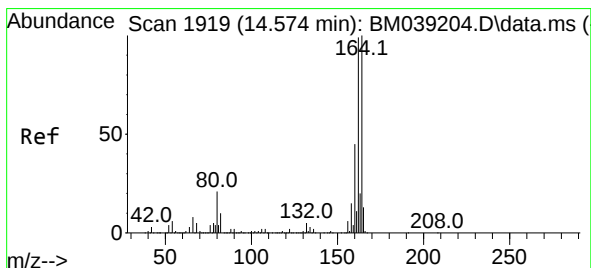
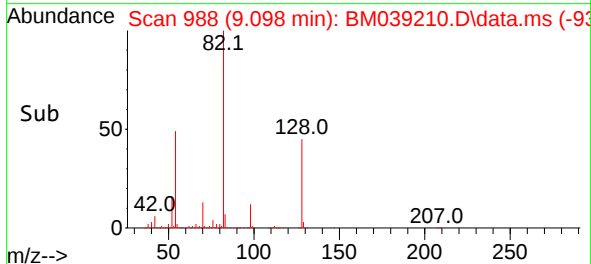
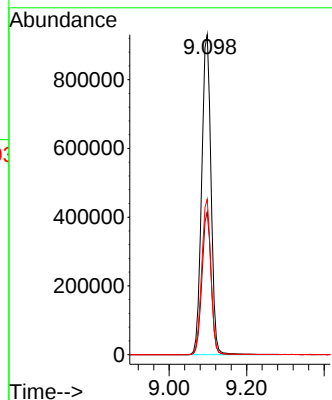
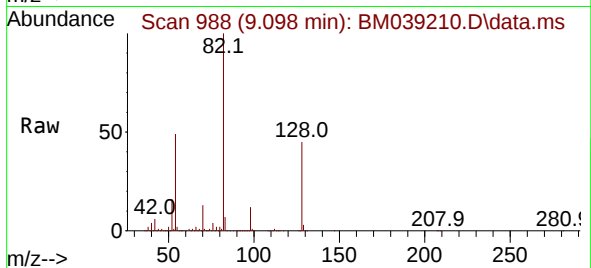


#23
Nitrobenzene-d5
Concen: 87.693 ng
RT: 9.098 min Scan# 908
Delta R.T. -0.000 min
Lab File: BM039210.D
Acq: 29 Mar 2023 18:28

Instrument :
BNA_M
ClientSampleId :
PB151623BL

Tgt Ion: 82 Resp: 1557307

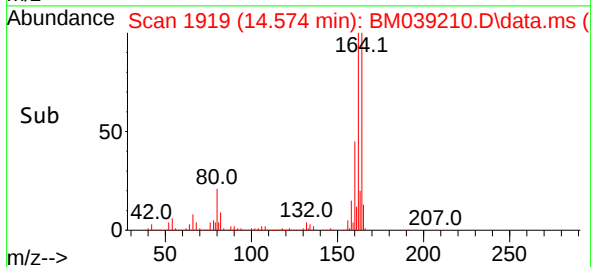
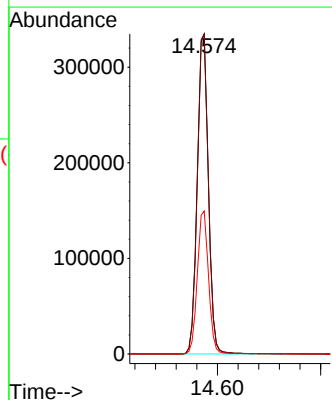
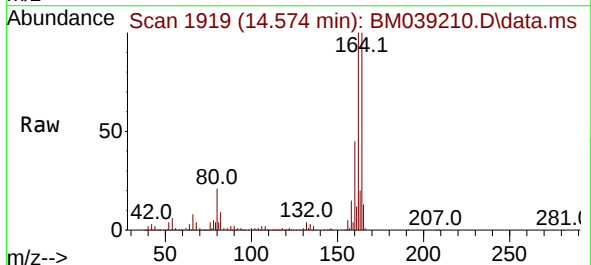
Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.1	52.7
54	48.6	38.5	57.7

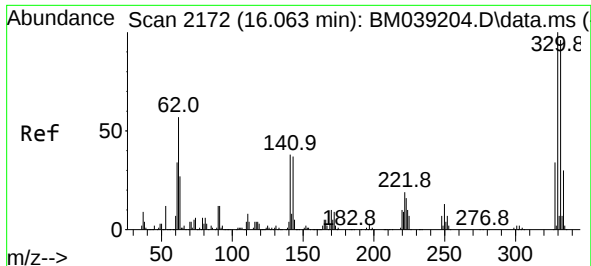


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BM039210.D
Acq: 29 Mar 2023 18:28

Tgt Ion: 164 Resp: 500090

Ion	Ratio	Lower	Upper
164	100		
162	100.0	79.1	118.7
160	44.7	35.8	53.8

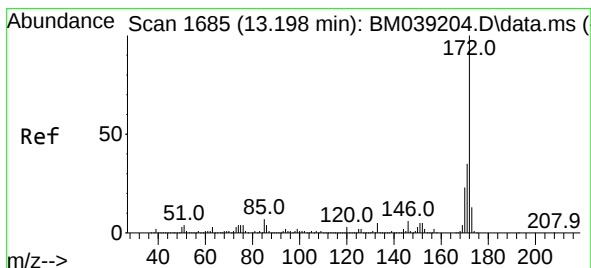
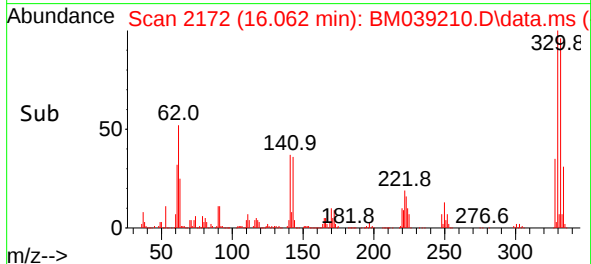
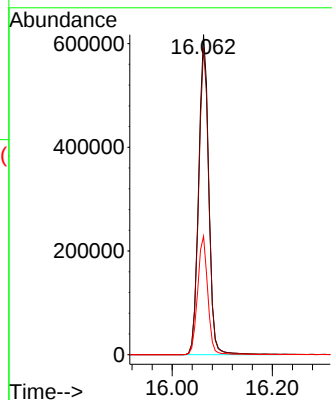
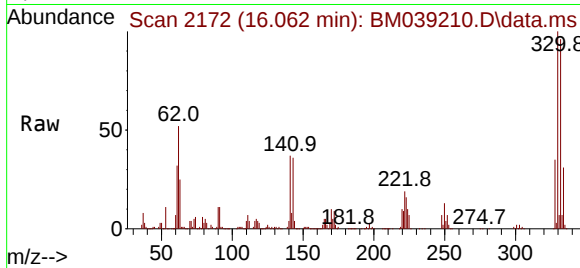




#42
2,4,6-Tribromophenol
Concen: 135.750 ng
RT: 16.062 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BM039210.D
Acq: 29 Mar 2023 18:28

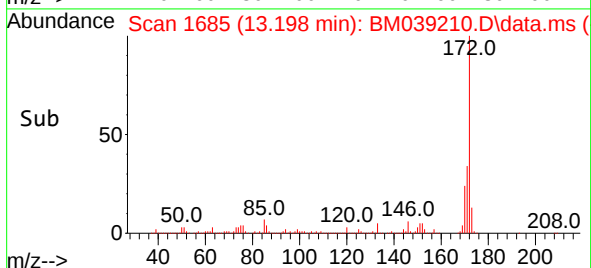
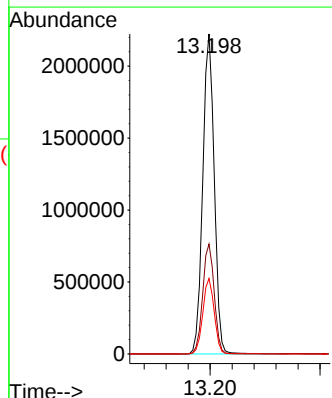
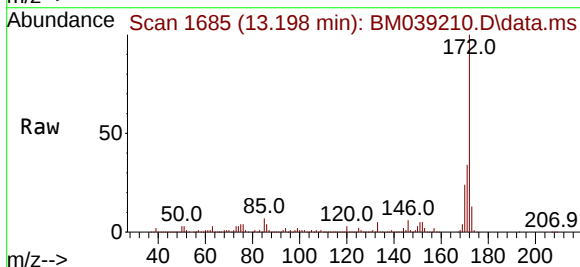
Instrument :
BNA_M
ClientSampleId :
PB151623BL

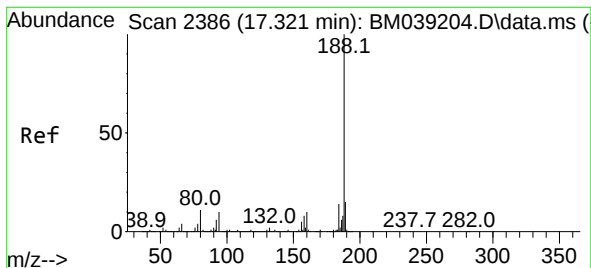
Tgt Ion:330 Resp: 861764
Ion Ratio Lower Upper
330 100
332 96.0 77.4 116.0
141 37.1 29.8 44.6



#45
2-Fluorobiphenyl
Concen: 87.520 ng
RT: 13.198 min Scan# 1685
Delta R.T. -0.000 min
Lab File: BM039210.D
Acq: 29 Mar 2023 18:28

Tgt Ion:172 Resp: 3230326
Ion Ratio Lower Upper
172 100
171 34.4 28.0 42.0
170 23.6 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.321 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039210.D

Acq: 29 Mar 2023 18:28

Instrument :

BNA_M

ClientSampleId :

PB151623BL

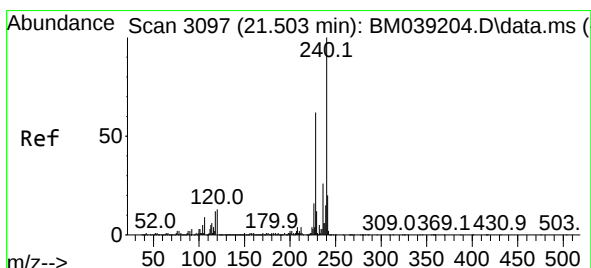
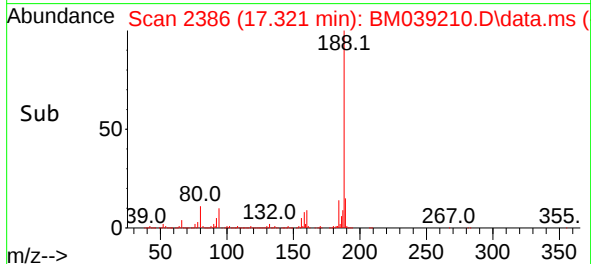
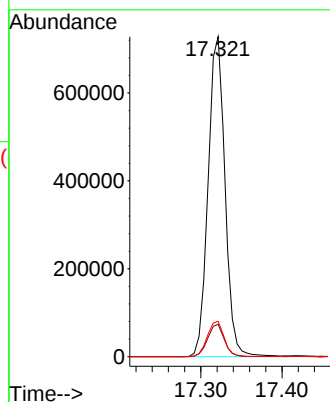
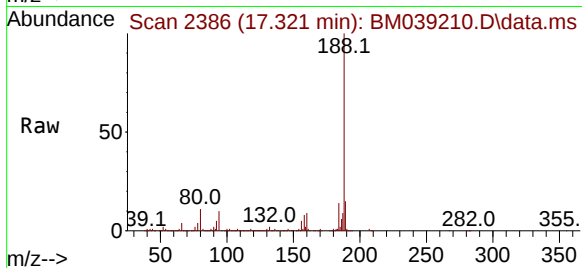
Tgt Ion:188 Resp: 1051264

Ion Ratio Lower Upper

188 100

94 10.1 8.2 12.4

80 11.1 8.9 13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.503 min Scan# 3097

Delta R.T. -0.000 min

Lab File: BM039210.D

Acq: 29 Mar 2023 18:28

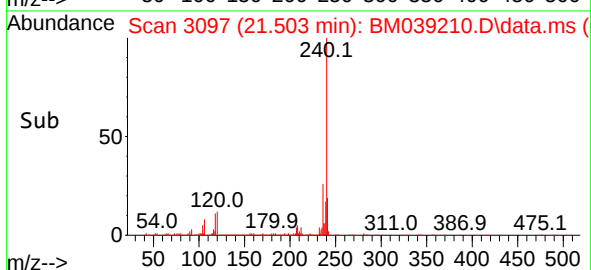
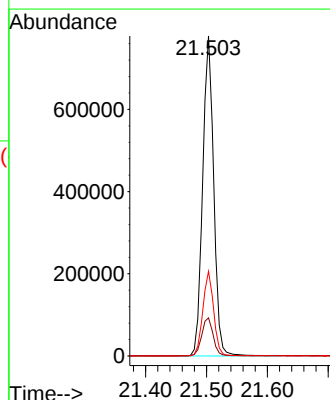
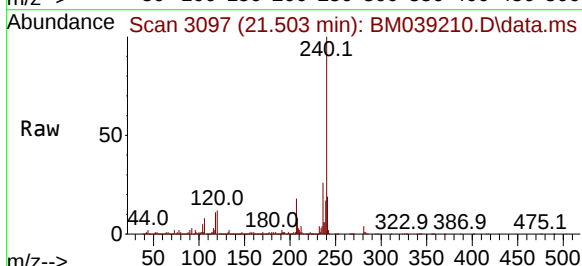
Tgt Ion:240 Resp: 978120

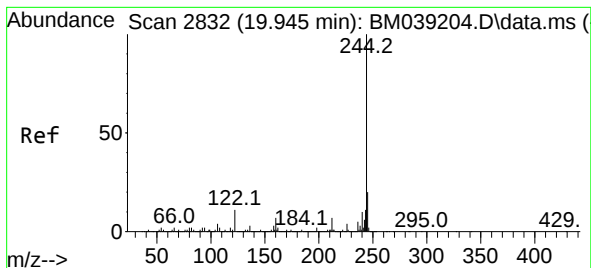
Ion Ratio Lower Upper

240 100

120 11.9 10.2 15.2

236 26.5 20.9 31.3





#79

Terphenyl-d14

Concen: 97.502 ng

RT: 19.945 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039210.D

Acq: 29 Mar 2023 18:28

Instrument :

BNA_M

ClientSampleId :

PB151623BL

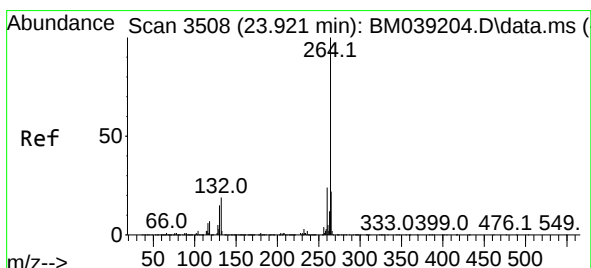
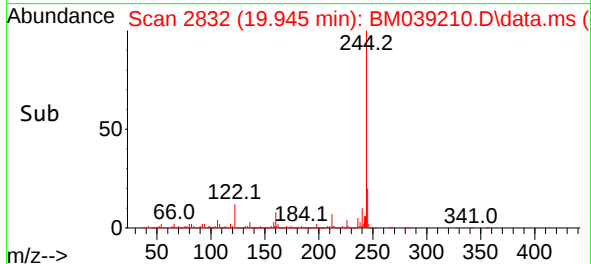
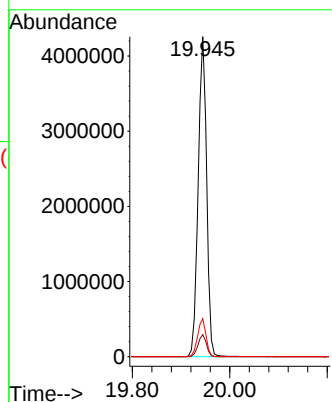
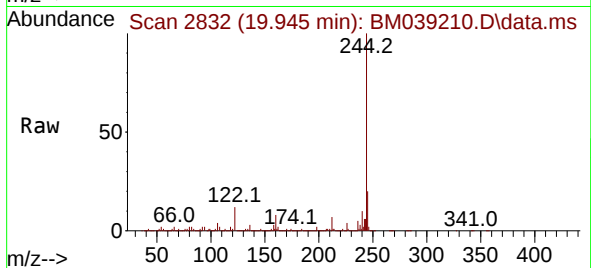
Tgt Ion:244 Resp: 5161872

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 11.9 9.1 13.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.921 min Scan# 3508

Delta R.T. -0.000 min

Lab File: BM039210.D

Acq: 29 Mar 2023 18:28

Tgt Ion:264 Resp: 1075120

Ion Ratio Lower Upper

264 100

260 24.6 19.0 28.6

265 22.7 18.1 27.1

