

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032923\
 Data File : BM039215.D
 Acq On : 29 Mar 2023 21:32
 Operator : CG/JU
 Sample : PB151721BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151721BL

Quant Time: Mar 30 05:56:26 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	196935	20.000	ng	0.00
21) Naphthalene-d8	10.739	136	747140	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	401169	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	771840	20.000	ng	0.00
76) Chrysene-d12	21.503	240	643209	20.000	ng	0.00
86) Perylene-d12	23.915	264	715370	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1906951	145.887	ng	0.00
7) Phenol-d6	7.092	99	2333356	138.012	ng	0.00
23) Nitrobenzene-d5	9.092	82	1423022	92.569	ng	0.00
42) 2,4,6-Tribromophenol	16.062	330	656704	128.956	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	2834264	95.725	ng	0.00
79) Terphenyl-d14	19.945	244	3671588	105.463	ng	0.00

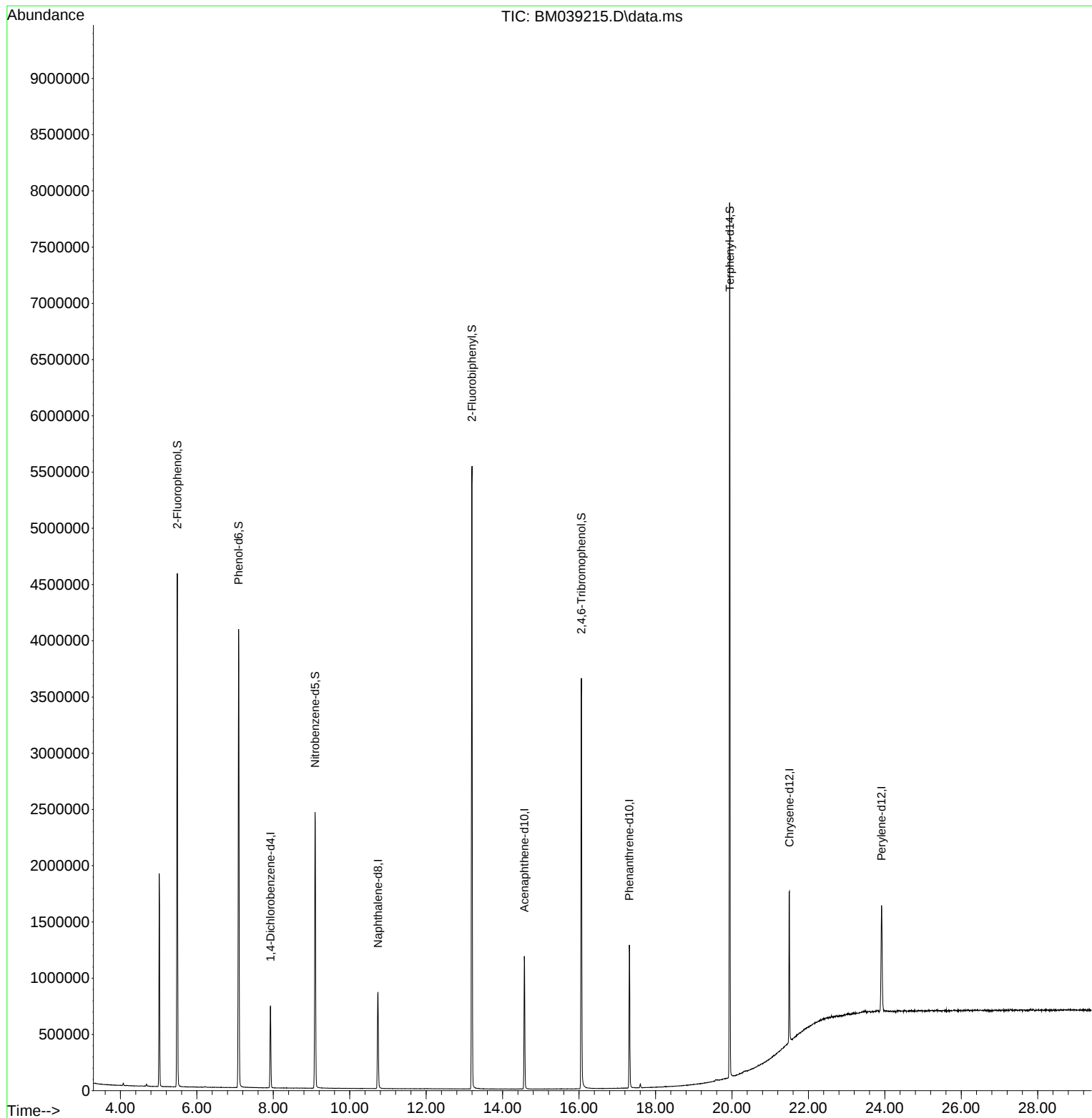
Target Compounds	Qvalue

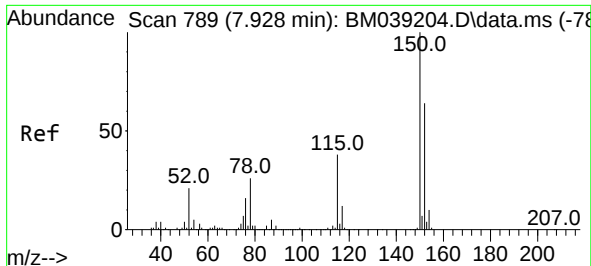
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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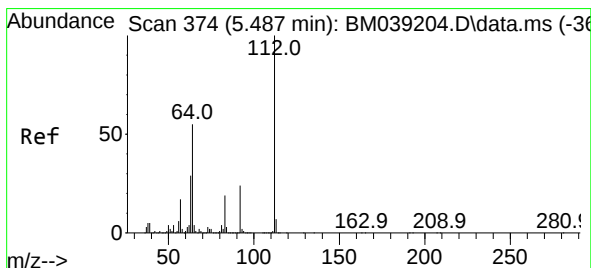
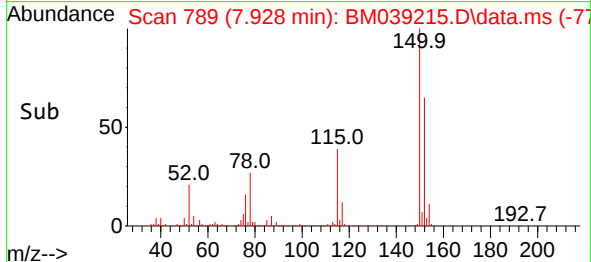
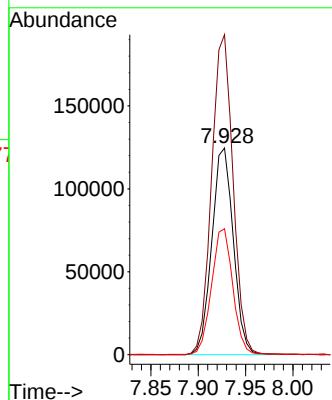
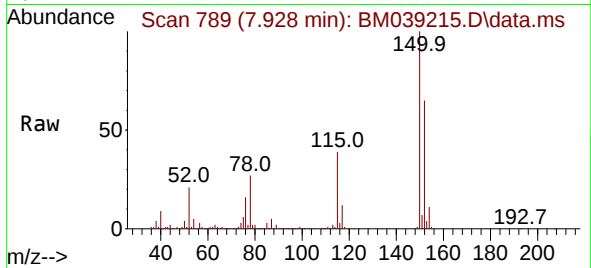




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 789
Delta R.T. -0.000 min
Lab File: BM039215.D
Acq: 29 Mar 2023 21:32

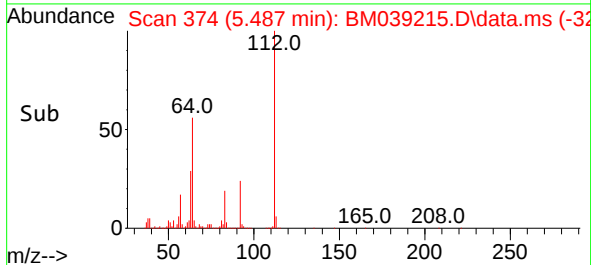
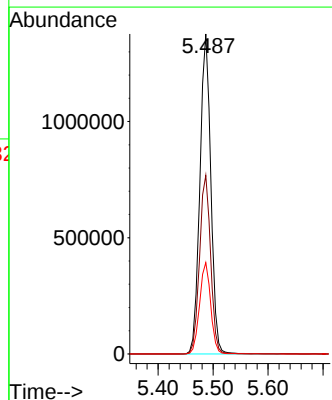
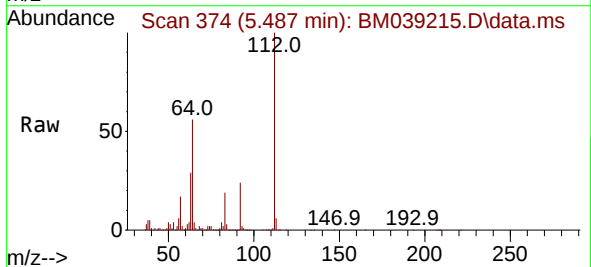
Instrument :
BNA_M
ClientSampleId :
PB151721BL

Tgt Ion:152 Resp: 196935
Ion Ratio Lower Upper
152 100
150 154.8 125.5 188.3
115 61.0 48.1 72.1



#5
2-Fluorophenol
Concen: 145.887 ng
RT: 5.487 min Scan# 374
Delta R.T. -0.000 min
Lab File: BM039215.D
Acq: 29 Mar 2023 21:32

Tgt Ion:112 Resp: 1906951
Ion Ratio Lower Upper
112 100
64 55.8 44.3 66.5
63 28.5 23.0 34.6

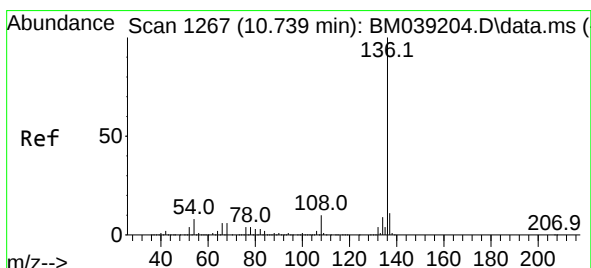
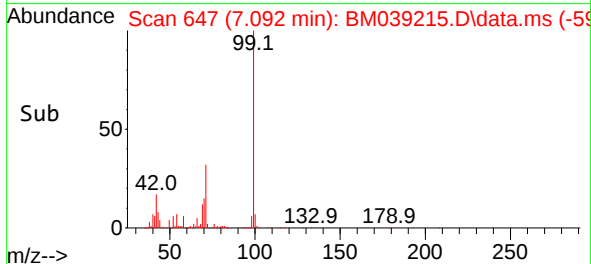
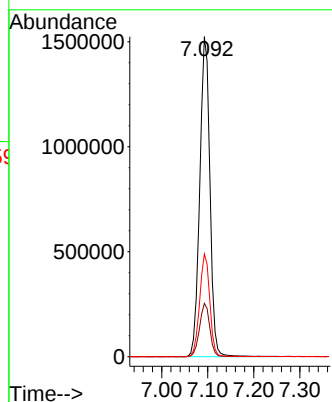
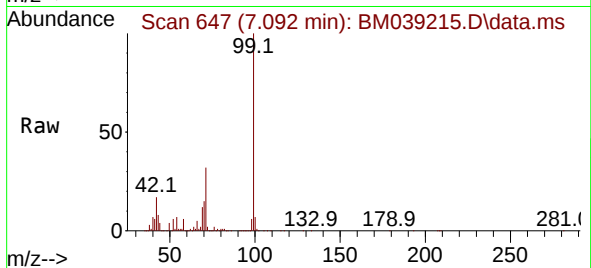




#7
Phenol-d6
Concen: 138.012 ng
RT: 7.092 min Scan# 647
Delta R.T. -0.006 min
Lab File: BM039215.D
Acq: 29 Mar 2023 21:32

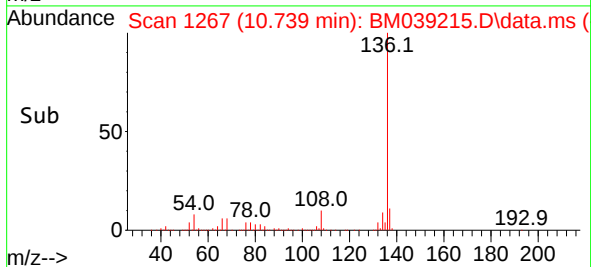
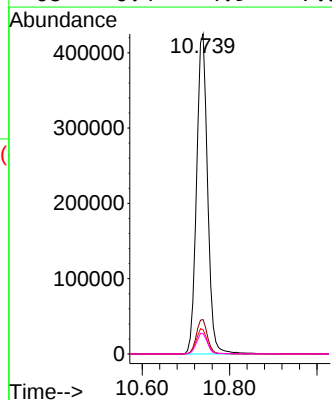
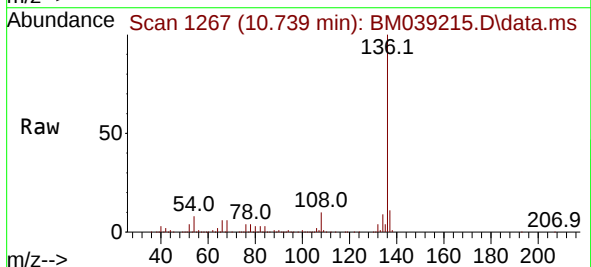
Instrument :
BNA_M
ClientSampleId :
PB151721BL

Tgt Ion: 99 Resp: 2333356
Ion Ratio Lower Upper
99 100
42 16.7 13.0 19.6
71 32.1 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: BM039215.D
Acq: 29 Mar 2023 21:32

Tgt Ion: 136 Resp: 747140
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.6 6.2 9.4
68 6.4 4.9 7.3





#23

Nitrobenzene-d5

Concen: 92.569 ng

RT: 9.092 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM039215.D

Acq: 29 Mar 2023 21:32

Instrument :

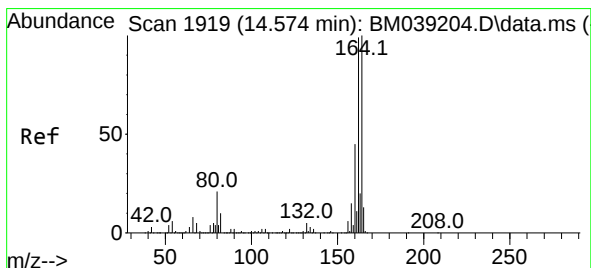
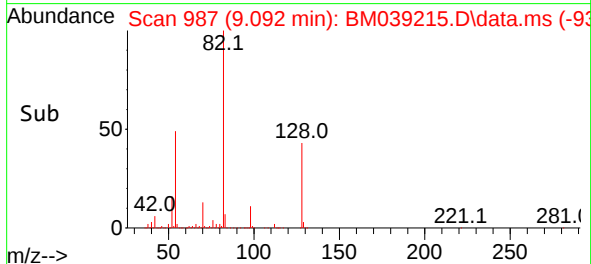
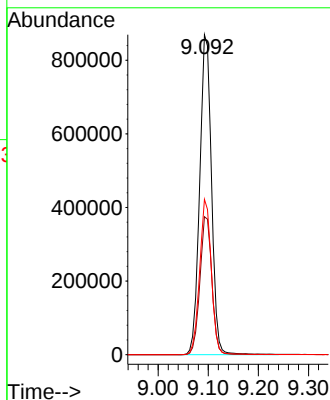
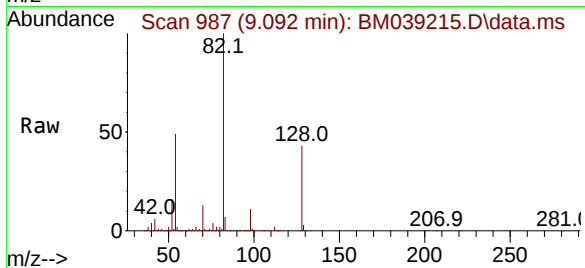
BNA_M

ClientSampleId :

PB151721BL

Tgt Ion: 82 Resp: 1423022

Ion	Ratio	Lower	Upper
82	100		
128	43.1	35.1	52.7
54	48.5	38.5	57.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.568 min Scan# 1918

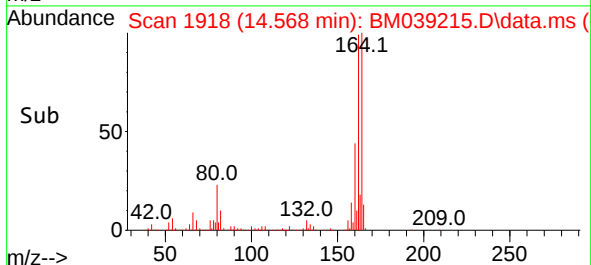
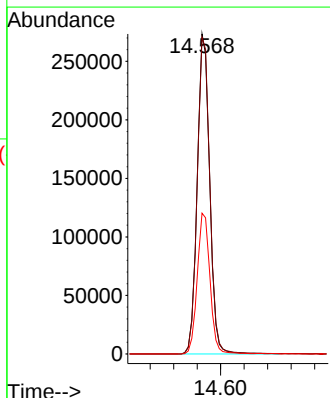
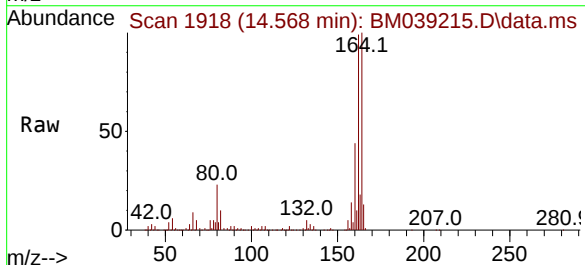
Delta R.T. -0.006 min

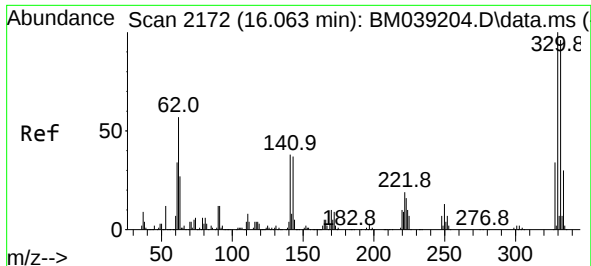
Lab File: BM039215.D

Acq: 29 Mar 2023 21:32

Tgt Ion: 164 Resp: 401169

Ion	Ratio	Lower	Upper
164	100		
162	98.9	79.1	118.7
160	44.0	35.8	53.8

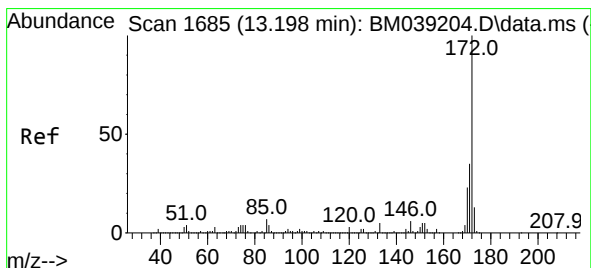
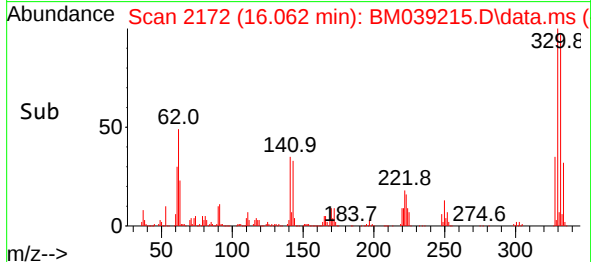
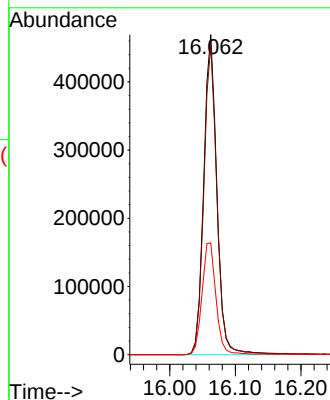
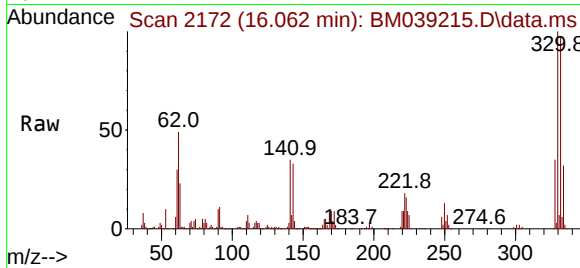




#42
2,4,6-Tribromophenol
Concen: 128.956 ng
RT: 16.062 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BM039215.D
Acq: 29 Mar 2023 21:32

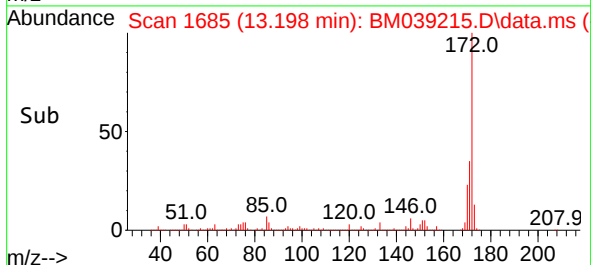
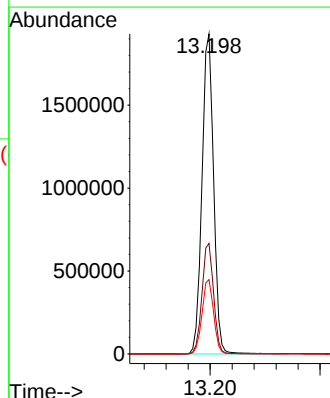
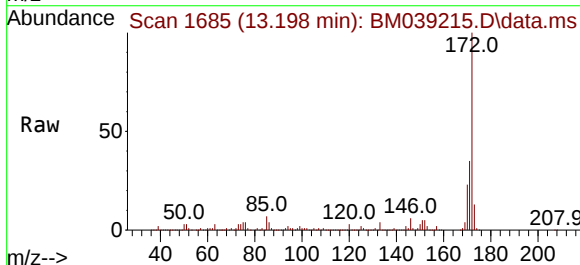
Instrument :
BNA_M
ClientSampleId :
PB151721BL

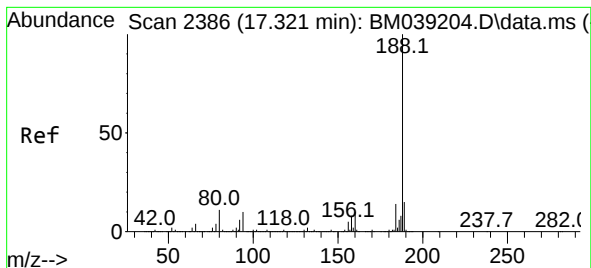
Tgt Ion:330 Resp: 656704
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.0
141 37.2 29.8 44.6



#45
2-Fluorobiphenyl
Concen: 95.725 ng
RT: 13.198 min Scan# 1685
Delta R.T. -0.000 min
Lab File: BM039215.D
Acq: 29 Mar 2023 21:32

Tgt Ion:172 Resp: 2834264
Ion Ratio Lower Upper
172 100
171 34.6 28.0 42.0
170 23.3 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.315 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039215.D

Acq: 29 Mar 2023 21:32

Instrument :

BNA_M

ClientSampleId :

PB151721BL

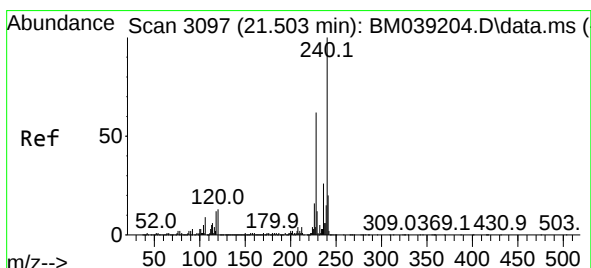
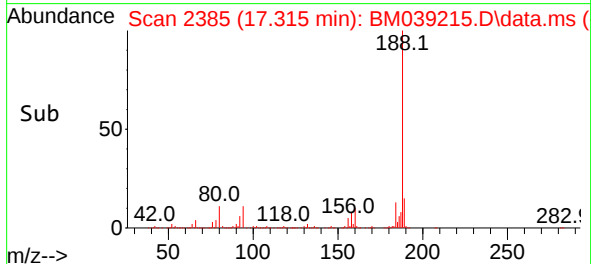
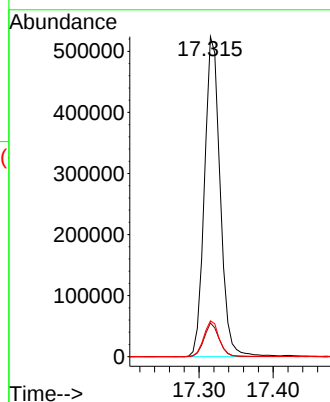
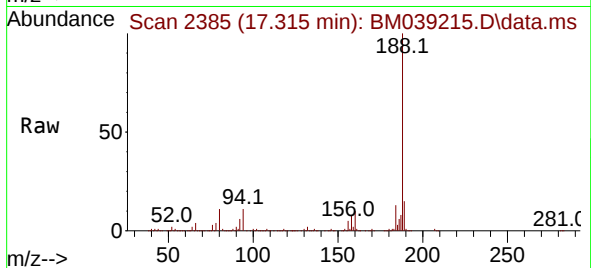
Tgt Ion:188 Resp: 771840

Ion Ratio Lower Upper

188 100

94 10.6 8.2 12.4

80 11.2 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: BM039215.D

Acq: 29 Mar 2023 21:32

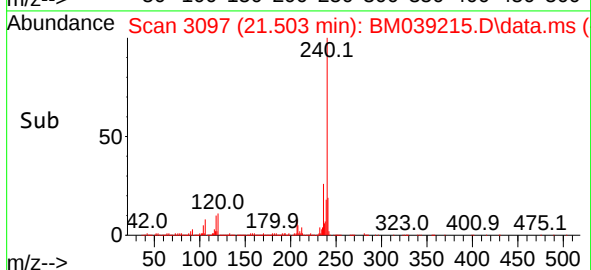
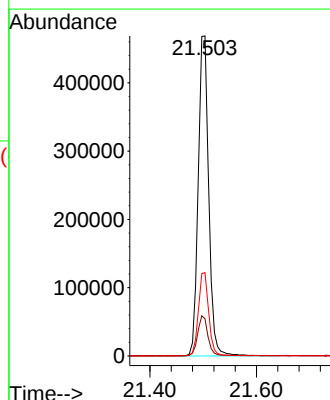
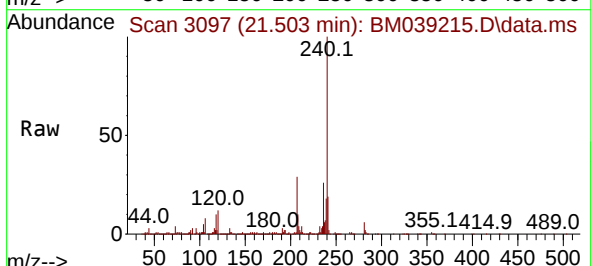
Tgt Ion:240 Resp: 643209

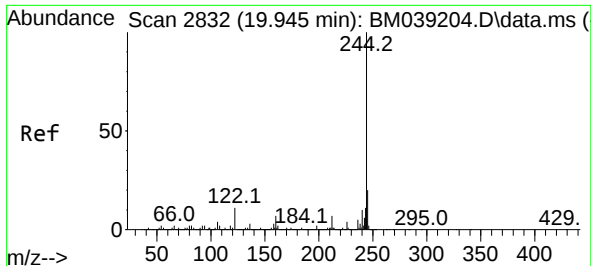
Ion Ratio Lower Upper

240 100

120 11.6 10.2 15.2

236 26.1 20.9 31.3

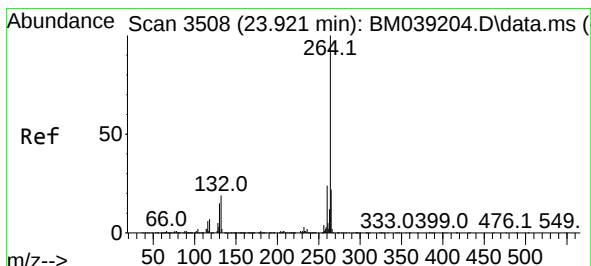
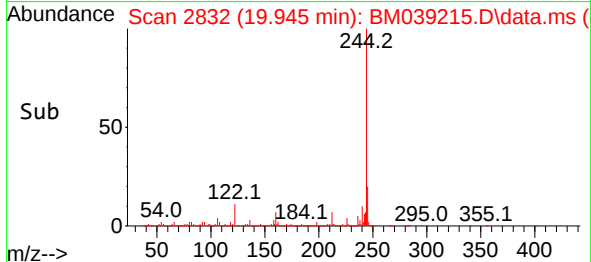
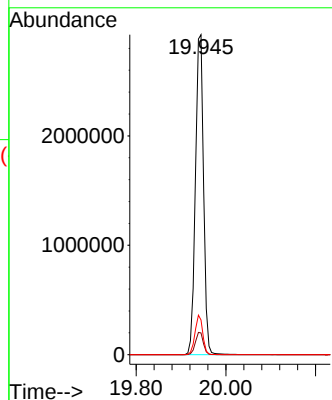
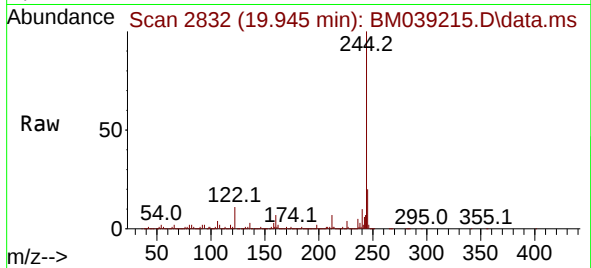




#79
 Terphenyl-d14
 Concen: 105.463 ng
 RT: 19.945 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM039215.D
 Acq: 29 Mar 2023 21:32

Instrument :
 BNA_M
 ClientSampleId :
 PB151721BL

Tgt Ion:244 Resp: 3671588
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.9 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.915 min Scan# 3507
 Delta R.T. -0.006 min
 Lab File: BM039215.D
 Acq: 29 Mar 2023 21:32

Tgt Ion:264 Resp: 715370
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.6
 265 22.5 18.1 27.1

