

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033023\
 Data File : BM039228.D
 Acq On : 30 Mar 2023 15:59
 Operator : CG/JU
 Sample : PB151735TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151735TB

Quant Time: Mar 31 02:38:43 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	7.922	152	234437	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	904881	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	510273	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	1095051	20.000	ng	0.00
76) Chrysene-d12	21.498	240	1022638	20.000	ng	0.00
86) Perylene-d12	23.909	264	1197715	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	2269863	145.872	ng	0.00
7) Phenol-d6	7.093	99	2768161	137.538	ng	0.00
23) Nitrobenzene-d5	9.092	82	1650368	88.644	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	841462	129.907	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	3312547	87.957	ng	0.00
79) Terphenyl-d14	19.939	244	5253768	94.918	ng	0.00

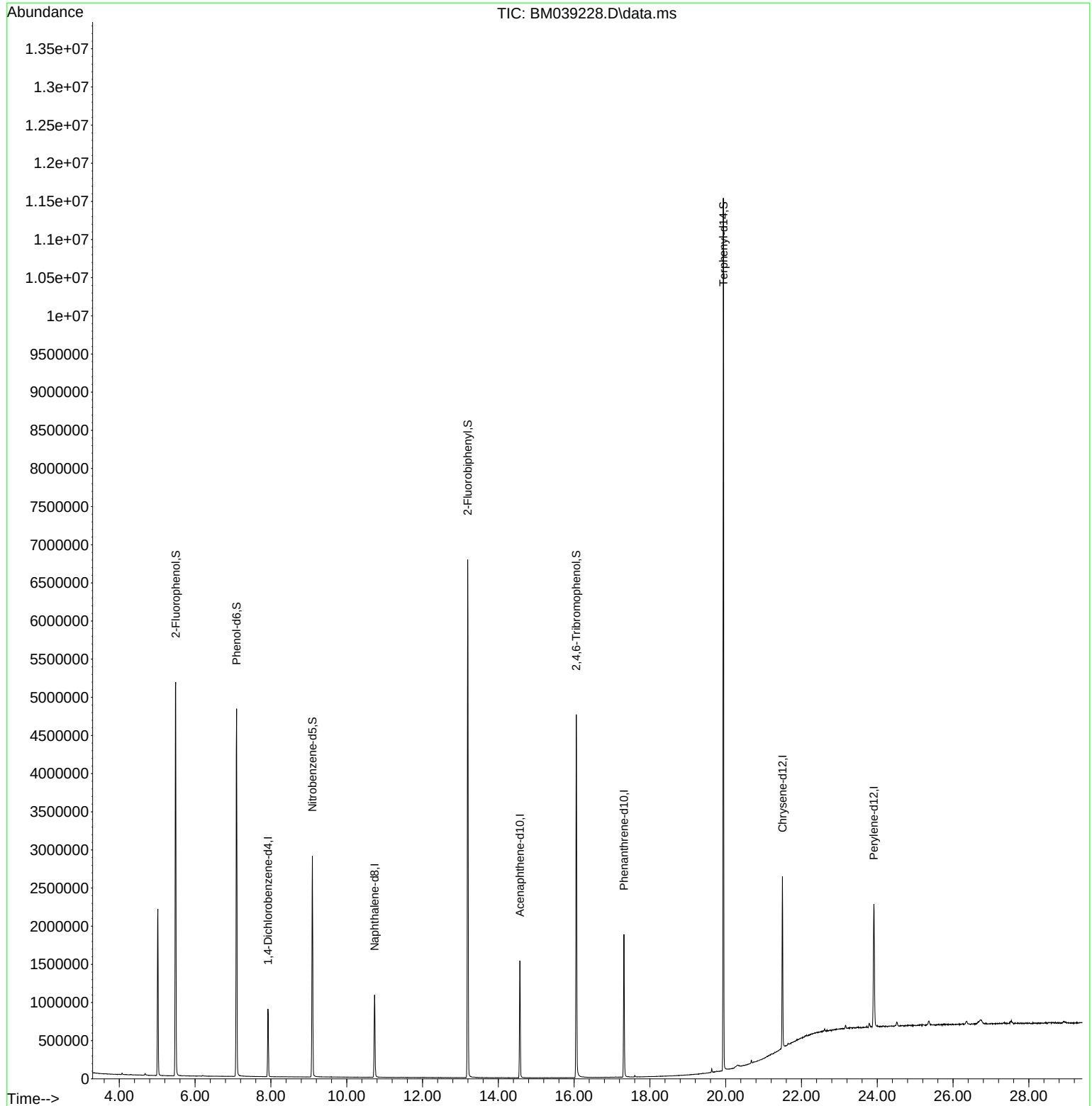
Target Compounds	Qvalue

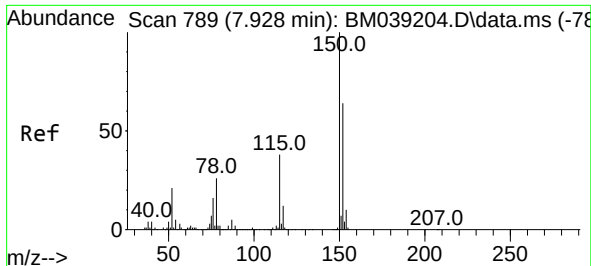
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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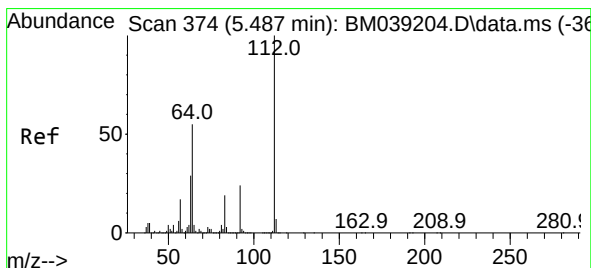
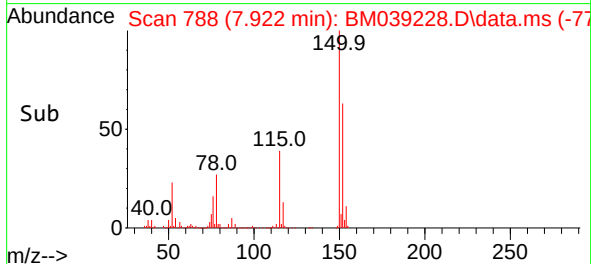
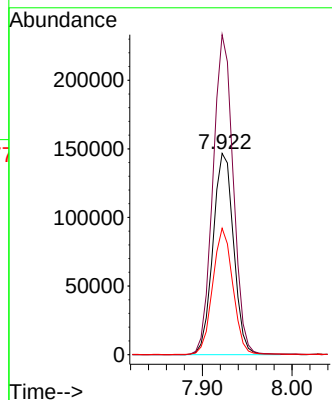
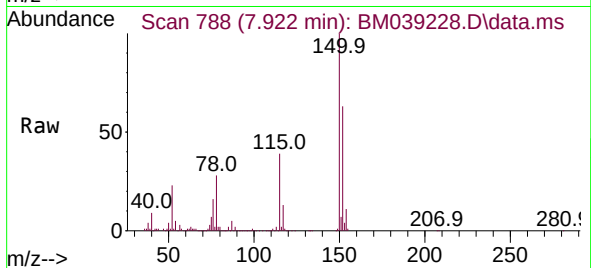




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 789
Delta R.T. -0.006 min
Lab File: BM039228.D
Acq: 30 Mar 2023 15:59

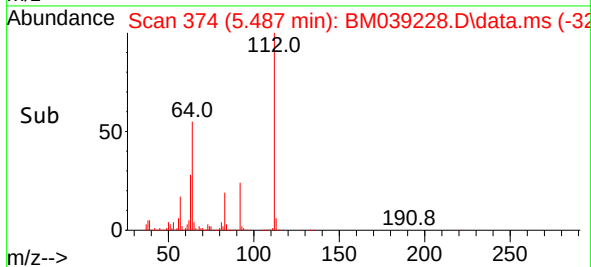
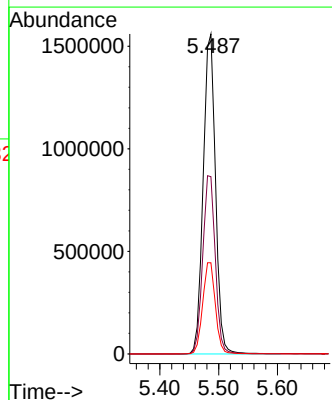
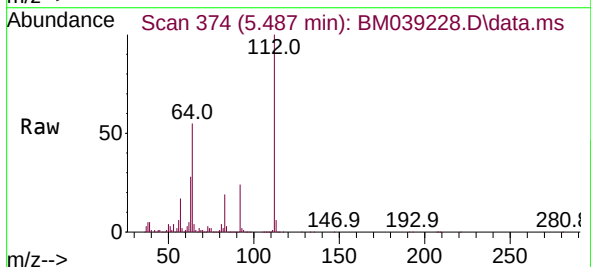
Instrument :
BNA_M
ClientSampleId :
PB151735TB

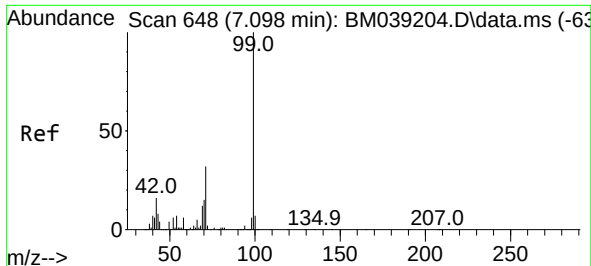
Tgt Ion:152 Resp: 234437
Ion Ratio Lower Upper
152 100
150 159.0 125.5 188.3
115 62.8 48.1 72.1



#5
2-Fluorophenol
Concen: 145.872 ng
RT: 5.487 min Scan# 374
Delta R.T. 0.000 min
Lab File: BM039228.D
Acq: 30 Mar 2023 15:59

Tgt Ion:112 Resp: 2269863
Ion Ratio Lower Upper
112 100
64 55.4 44.3 66.5
63 28.5 23.0 34.6

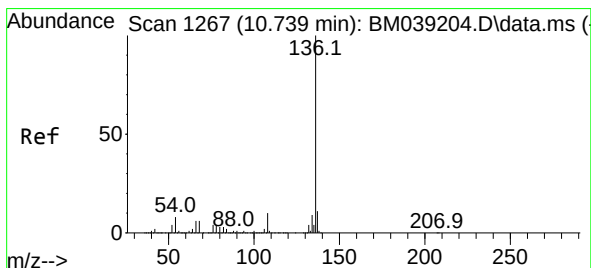
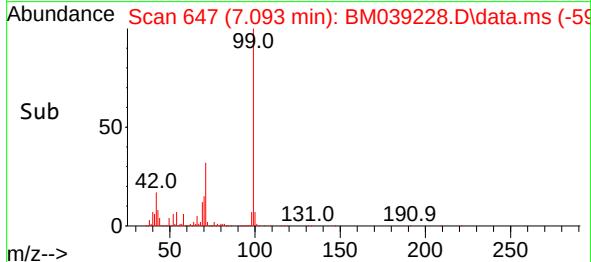
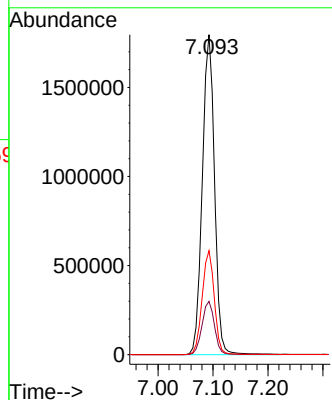
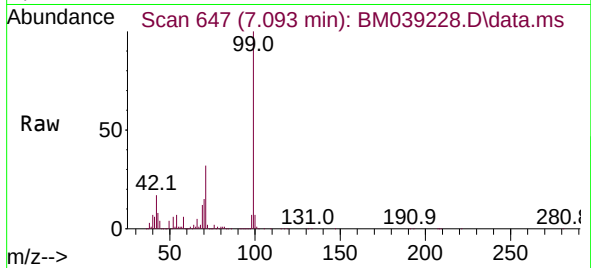




#7
Phenol-d6
Concen: 137.538 ng
RT: 7.093 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM039228.D
Acq: 30 Mar 2023 15:59

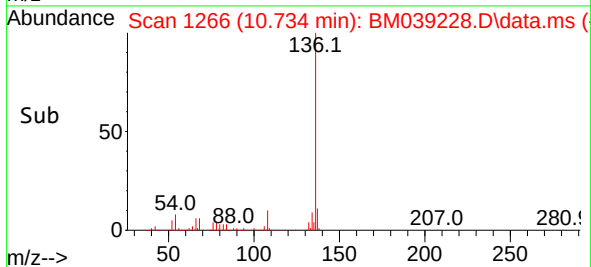
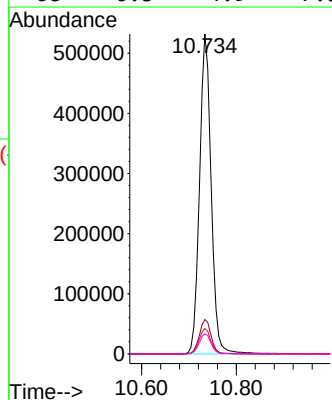
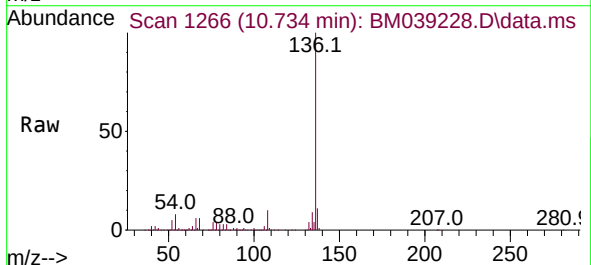
Instrument :
BNA_M
ClientSampleId :
PB151735TB

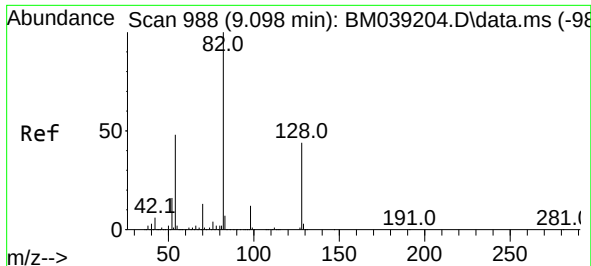
Tgt Ion: 99 Resp: 2768161
Ion Ratio Lower Upper
99 100
42 16.6 13.0 19.6
71 32.5 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BM039228.D
Acq: 30 Mar 2023 15:59

Tgt Ion: 136 Resp: 904881
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.9 6.2 9.4
68 6.3 4.9 7.3

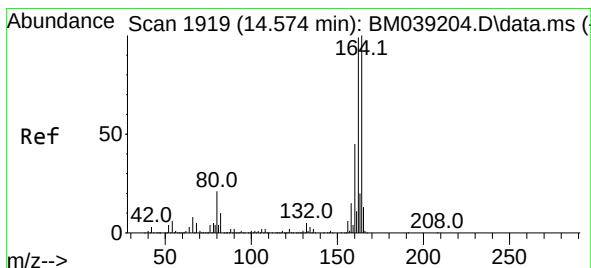
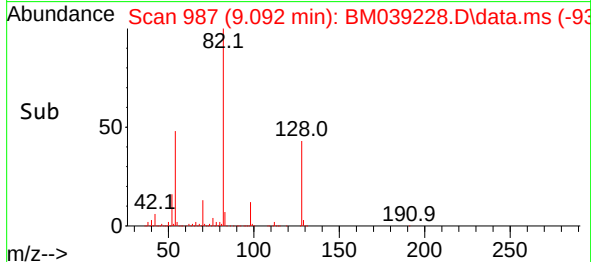
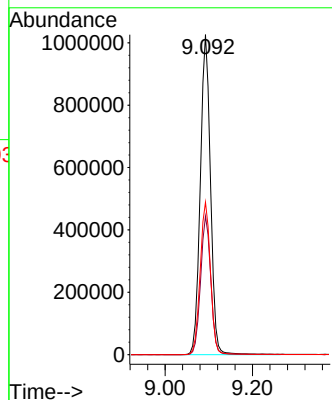
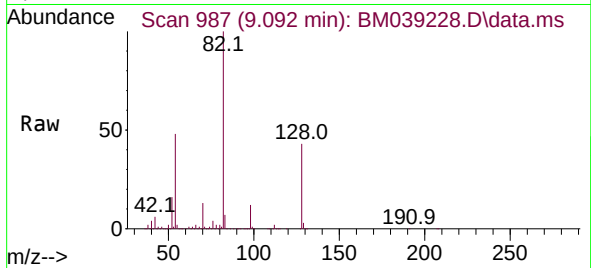




#23
Nitrobenzene-d5
Concen: 88.644 ng
RT: 9.092 min Scan# 988
Delta R.T. -0.006 min
Lab File: BM039228.D
Acq: 30 Mar 2023 15:59

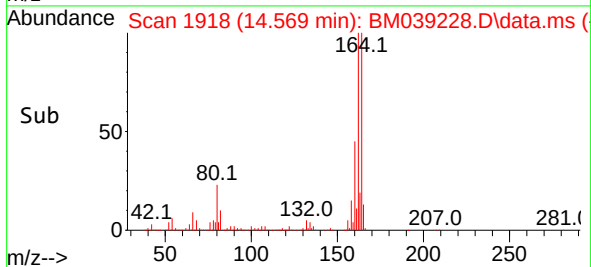
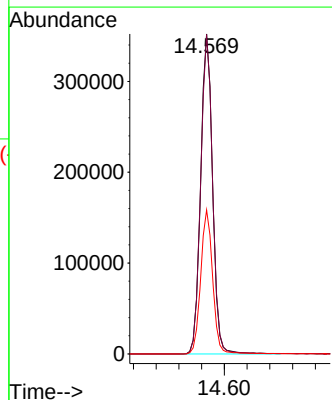
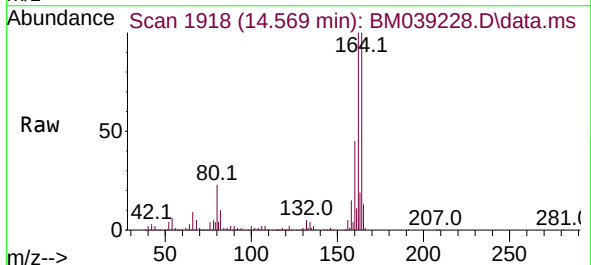
Instrument :
BNA_M
ClientSampleId :
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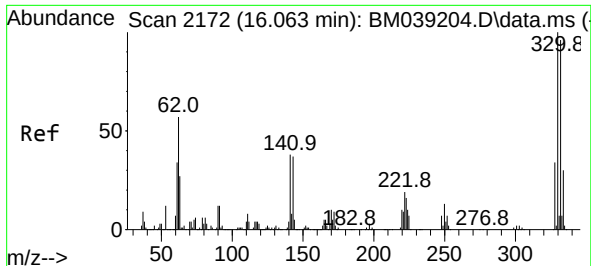
Tgt Ion: 82 Resp: 1650368
Ion Ratio Lower Upper
82 100
128 43.3 35.1 52.7
54 47.6 38.5 57.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.569 min Scan# 1918
Delta R.T. -0.005 min
Lab File: BM039228.D
Acq: 30 Mar 2023 15:59

Tgt Ion:164 Resp: 510273
Ion Ratio Lower Upper
164 100
162 99.8 79.1 118.7
160 45.0 35.8 53.8

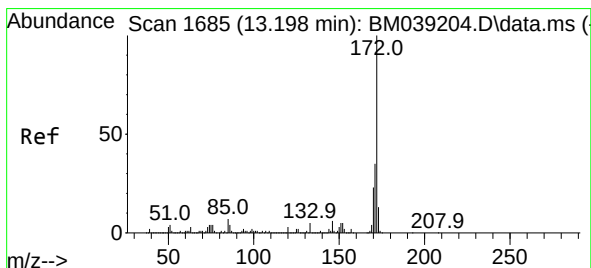
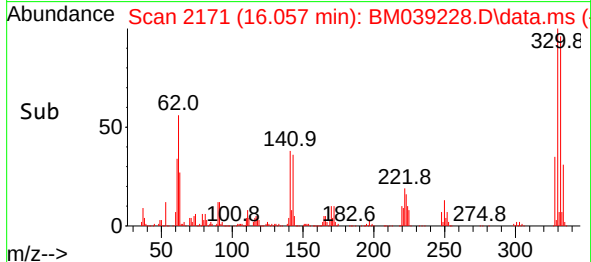
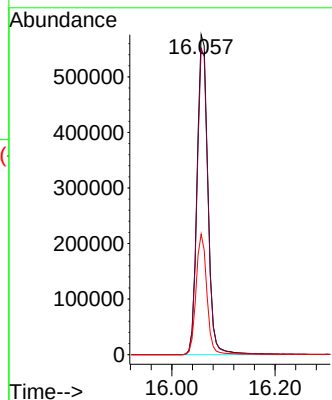
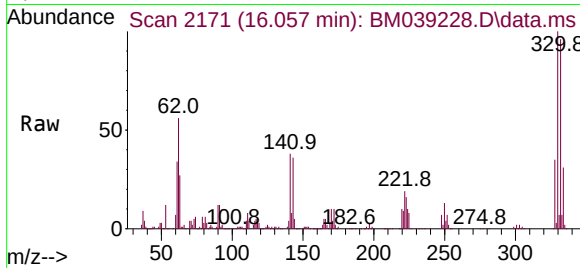




#42
2,4,6-Tribromophenol
Concen: 129.907 ng
RT: 16.057 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BM039228.D
Acq: 30 Mar 2023 15:59

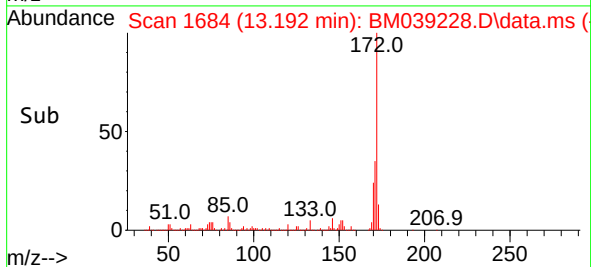
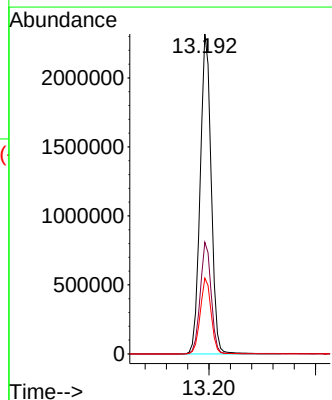
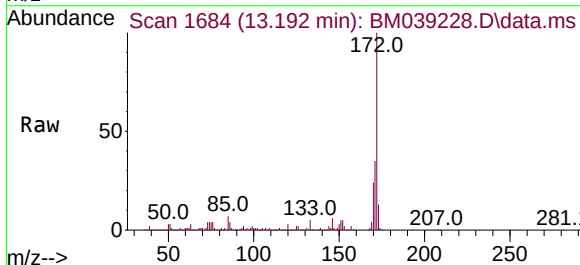
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ClientSampleId :
PB151735TB

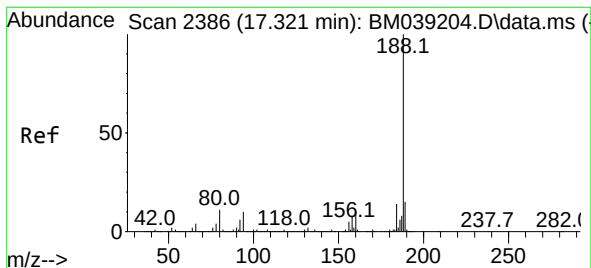
Tgt Ion:330 Resp: 841462
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.0
141 37.6 29.8 44.6



#45
2-Fluorobiphenyl
Concen: 87.957 ng
RT: 13.192 min Scan# 1684
Delta R.T. -0.006 min
Lab File: BM039228.D
Acq: 30 Mar 2023 15:59

Tgt Ion:172 Resp: 3312547
Ion Ratio Lower Upper
172 100
171 34.9 28.0 42.0
170 23.7 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.315 min Scan# 2385

Delta R.T. -0.006 min

Lab File: BM039228.D

Acq: 30 Mar 2023 15:59

Instrument :

BNA_M

ClientSampleId :

PB151735TB

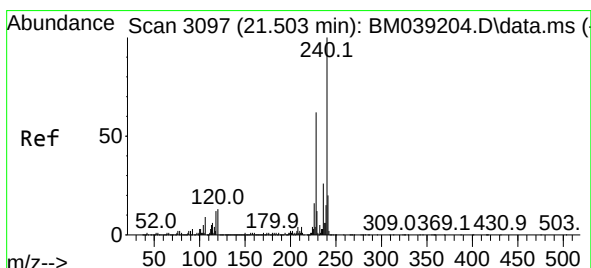
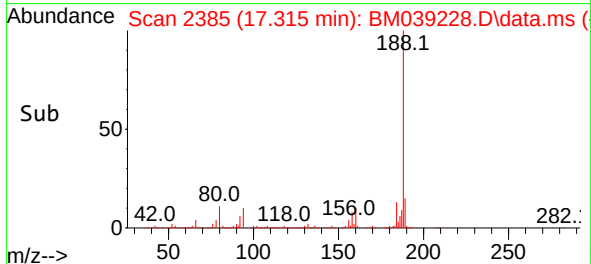
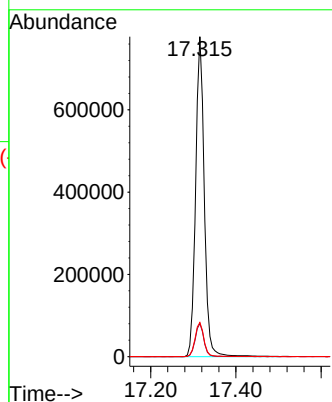
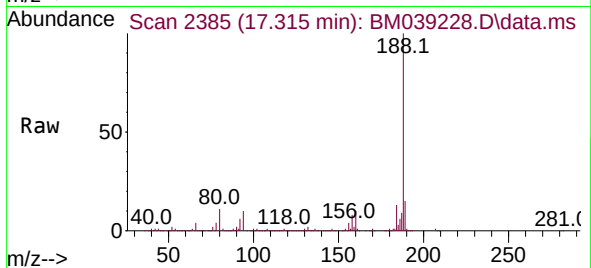
Tgt Ion:188 Resp: 1095051

Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.4

80 10.7 8.9 13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.498 min Scan# 3096

Delta R.T. -0.006 min

Lab File: BM039228.D

Acq: 30 Mar 2023 15:59

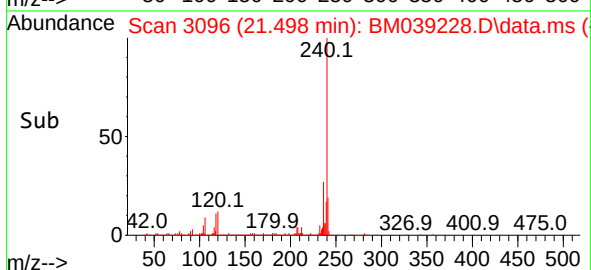
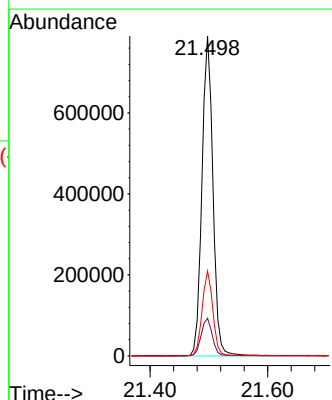
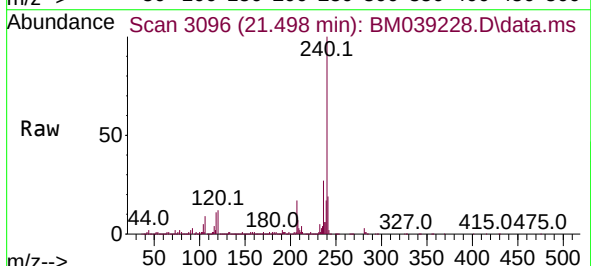
Tgt Ion:240 Resp: 1022638

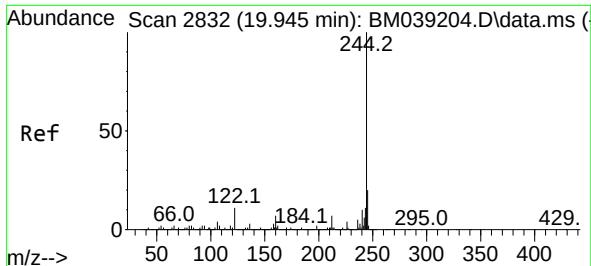
Ion Ratio Lower Upper

240 100

120 11.8 10.2 15.2

236 26.5 20.9 31.3

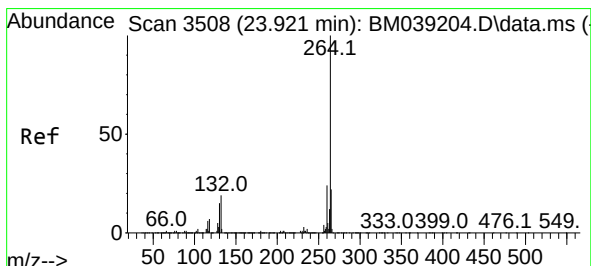
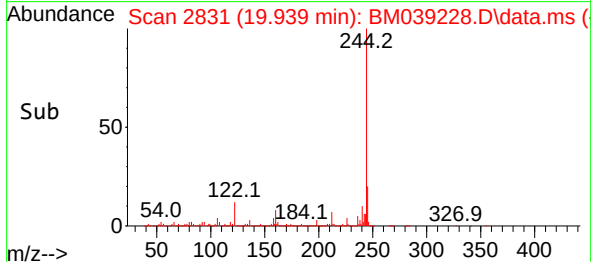
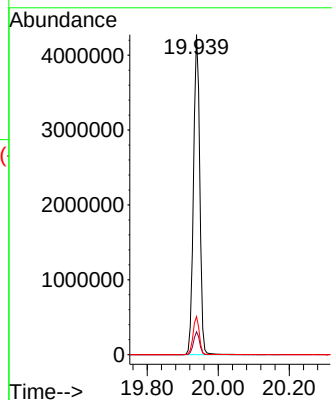
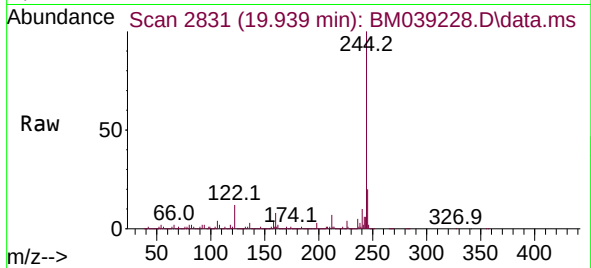




#79
 Terphenyl-d14
 Concen: 94.918 ng
 RT: 19.939 min Scan# 2831
 Delta R.T. -0.006 min
 Lab File: BM039228.D
 Acq: 30 Mar 2023 15:59

Instrument :
 BNA_M
 ClientSampleId :
 PB151735TB

Tgt Ion:244 Resp: 5253768
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 11.9 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.909 min Scan# 3506
 Delta R.T. -0.012 min
 Lab File: BM039228.D
 Acq: 30 Mar 2023 15:59

Tgt Ion:264 Resp: 1197715
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.6
 265 22.1 18.1 27.1

