

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041423\
 Data File : BM039432.D
 Acq On : 14 Apr 2023 13:49
 Operator : CG/JU
 Sample : PB152069TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB152069TB

Quant Time: Apr 14 14:30:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 11 16:05:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	271418	20.000	ng	-0.01
21) Naphthalene-d8	10.663	136	1103375	20.000	ng	-0.01
39) Acenaphthene-d10	14.510	164	704046	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	1430148	20.000	ng	0.00
76) Chrysene-d12	21.451	240	1039674	20.000	ng	-0.01
86) Perylene-d12	23.833	264	989903	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	2493250	138.397	ng	0.00
7) Phenol-d6	7.051	99	3173426	136.191	ng	0.02
23) Nitrobenzene-d5	9.028	82	1935294	85.247	ng	0.00
42) 2,4,6-Tribromophenol	16.010	330	1126688	126.068	ng	0.00
45) 2-Fluorobiphenyl	13.133	172	4338599	83.495	ng	0.00
79) Terphenyl-d14	19.892	244	5804566	103.150	ng	0.00

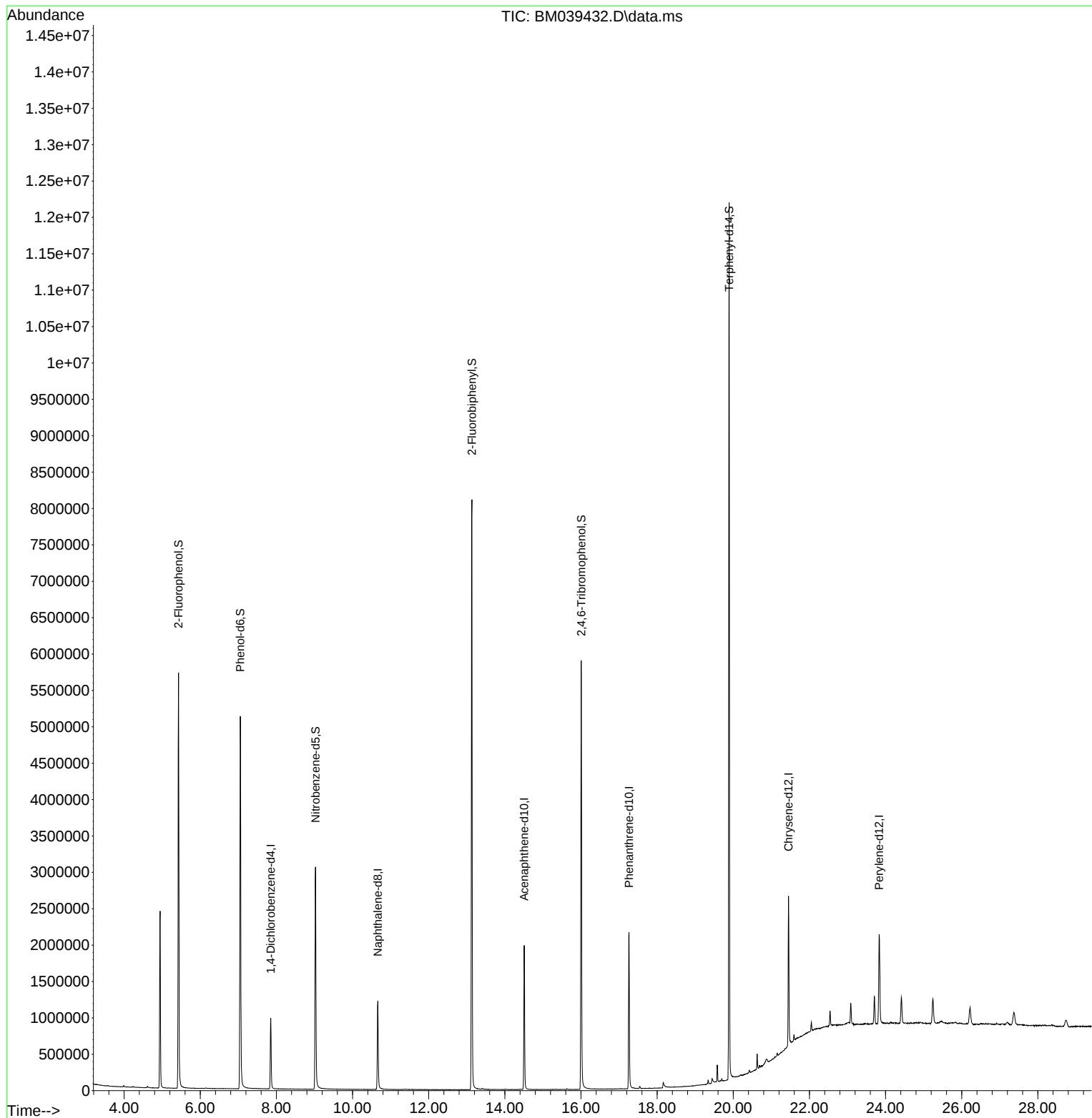
Target Compounds	Qvalue

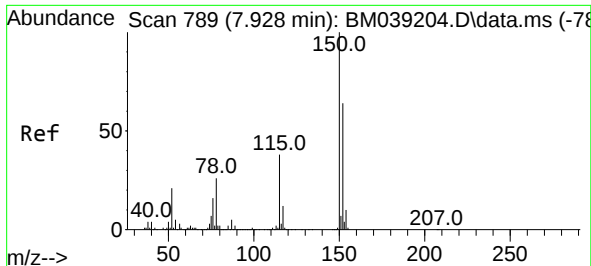
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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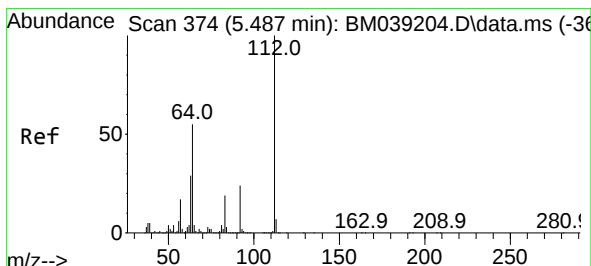
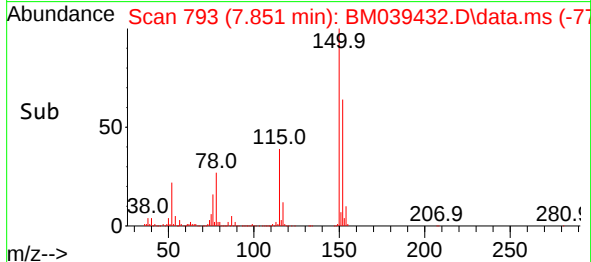
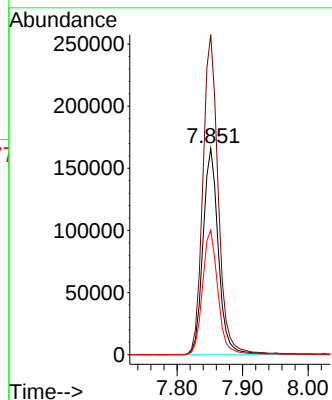
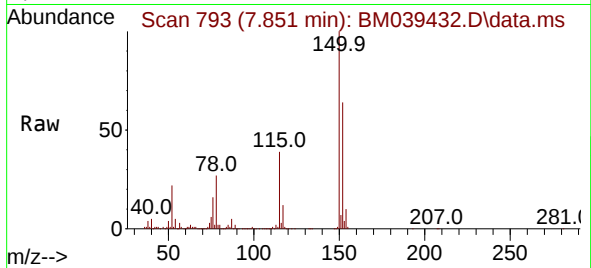




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.851 min Scan# 791
Delta R.T. -0.012 min
Lab File: BM039432.D
Acq: 14 Apr 2023 13:49

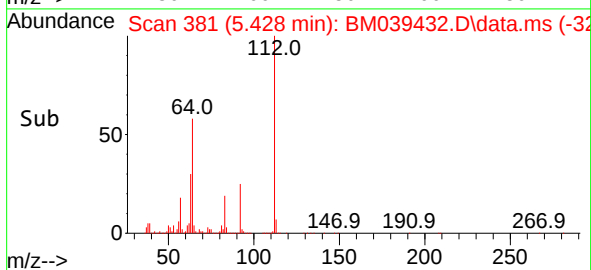
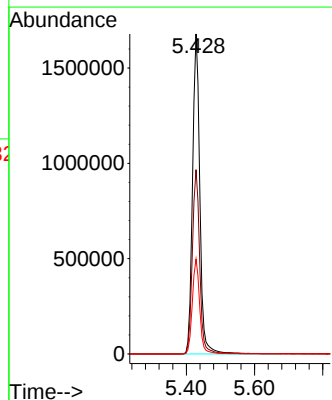
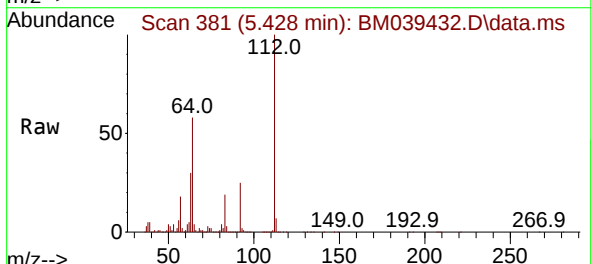
Instrument :
BNA_M
ClientSampleId :
PB152069TB

Tgt Ion:152 Resp: 271418
Ion Ratio Lower Upper
152 100
150 155.1 125.5 188.3
115 60.3 48.1 72.1



#5
2-Fluorophenol
Concen: 138.397 ng
RT: 5.428 min Scan# 381
Delta R.T. 0.006 min
Lab File: BM039432.D
Acq: 14 Apr 2023 13:49

Tgt Ion:112 Resp: 2493250
Ion Ratio Lower Upper
112 100
64 57.6 44.3 66.5
63 29.7 23.0 34.6

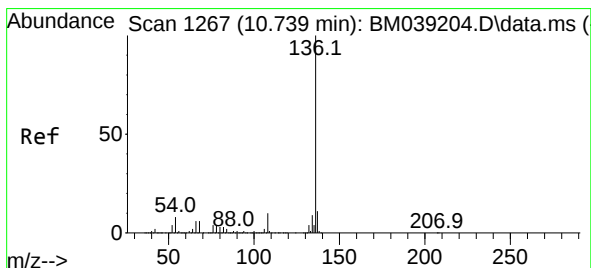
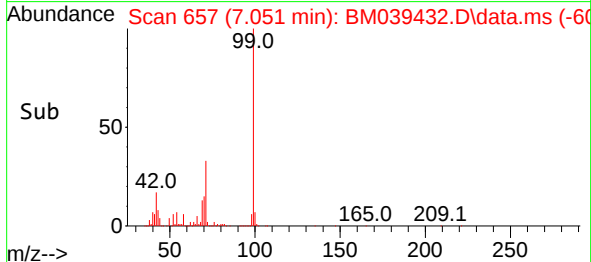
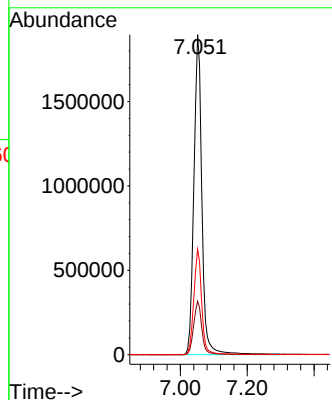
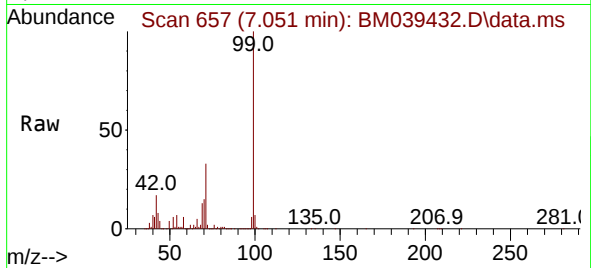




#7
Phenol-d6
Concen: 136.191 ng
RT: 7.051 min Scan# 61
Delta R.T. 0.018 min
Lab File: BM039432.D
Acq: 14 Apr 2023 13:49

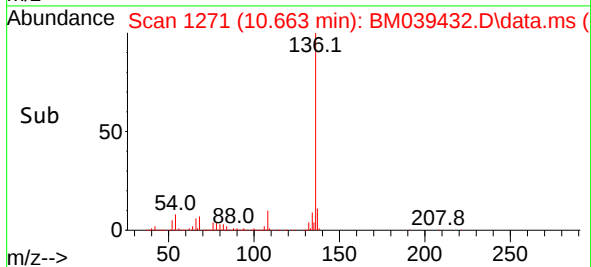
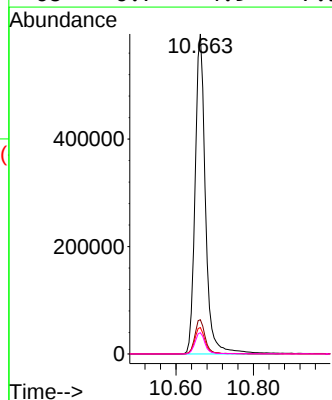
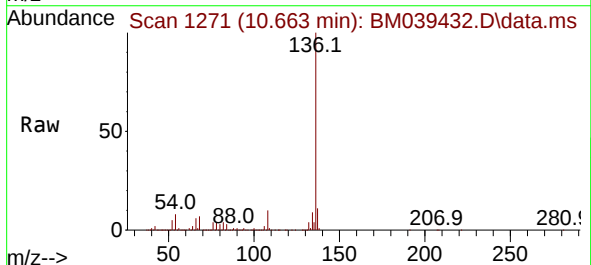
Instrument :
BNA_M
ClientSampleId :
PB152069TB

Tgt Ion: 99 Resp: 3173426
Ion Ratio Lower Upper
99 100
42 16.7 13.0 19.6
71 32.9 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1271
Delta R.T. -0.012 min
Lab File: BM039432.D
Acq: 14 Apr 2023 13:49

Tgt Ion: 136 Resp: 1103375
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 8.2 6.2 9.4
68 6.7 4.9 7.3

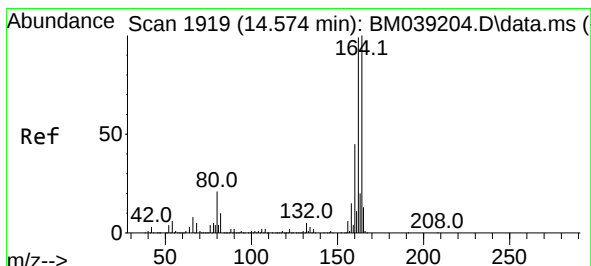
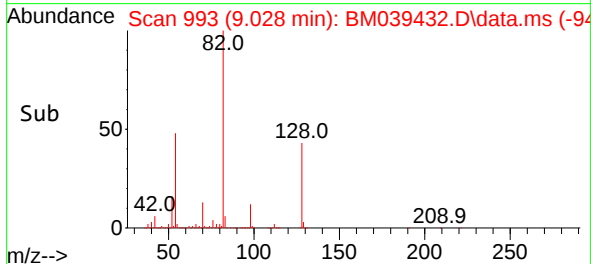
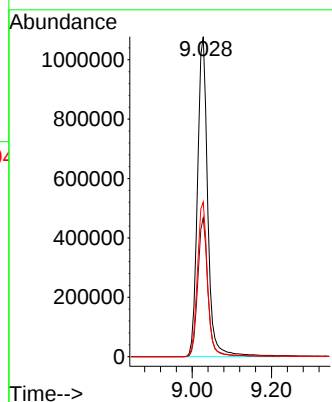
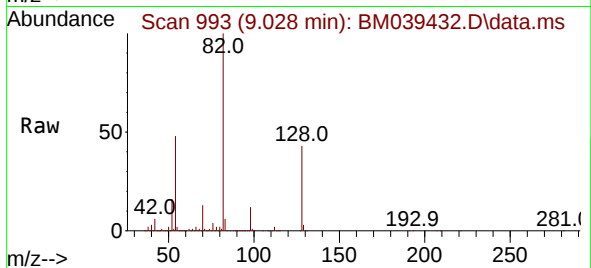




#23
Nitrobenzene-d5
Concen: 85.247 ng
RT: 9.028 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM039432.D
Acq: 14 Apr 2023 13:49

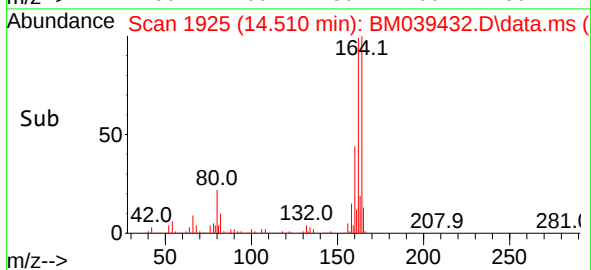
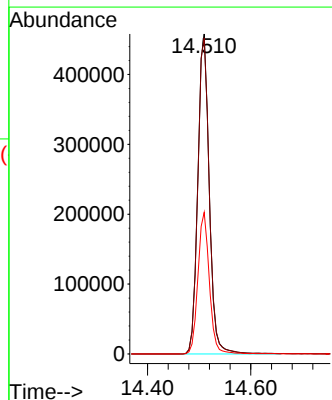
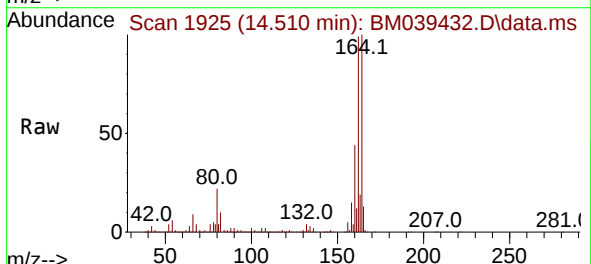
Instrument :
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ClientSampleId :
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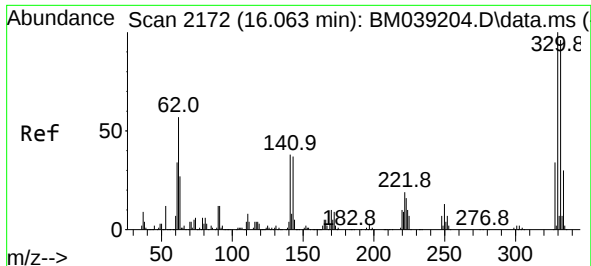
Tgt Ion: 82 Resp: 1935294
Ion Ratio Lower Upper
82 100
128 43.4 35.1 52.7
54 48.3 38.5 57.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.510 min Scan# 1925
Delta R.T. -0.006 min
Lab File: BM039432.D
Acq: 14 Apr 2023 13:49

Tgt Ion:164 Resp: 704046
Ion Ratio Lower Upper
164 100
162 98.8 79.1 118.7
160 44.3 35.8 53.8

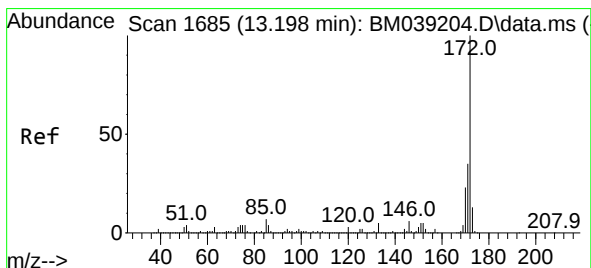
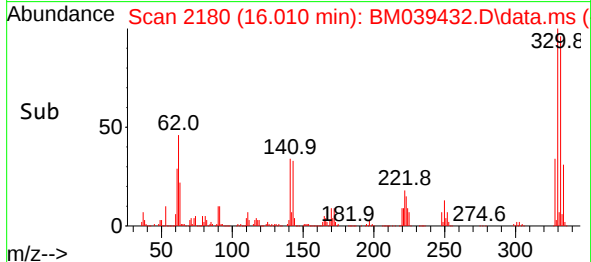
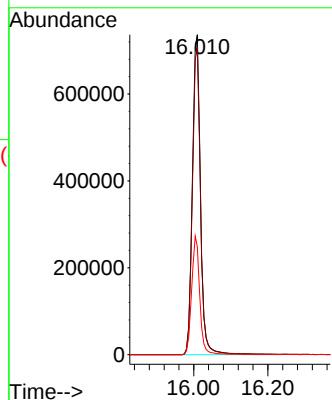
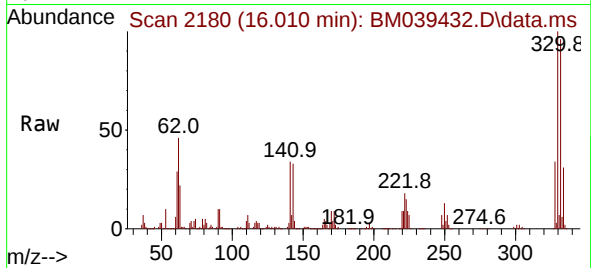




#42
2,4,6-Tribromophenol
Concen: 126.068 ng
RT: 16.010 min Scan# 2172
Delta R.T. -0.006 min
Lab File: BM039432.D
Acq: 14 Apr 2023 13:49

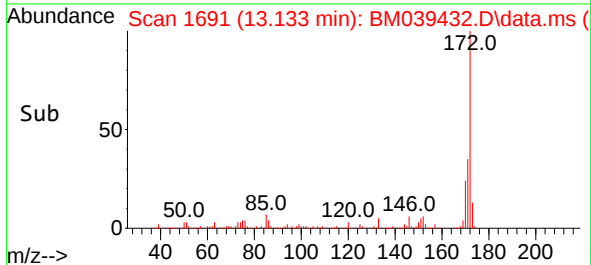
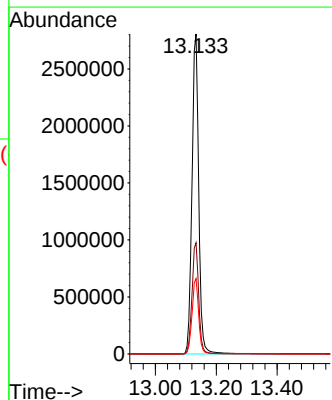
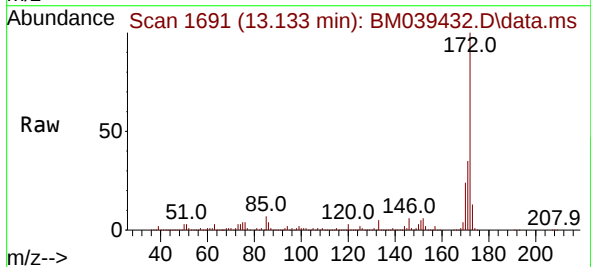
Instrument :
BNA_M
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PB152069TB

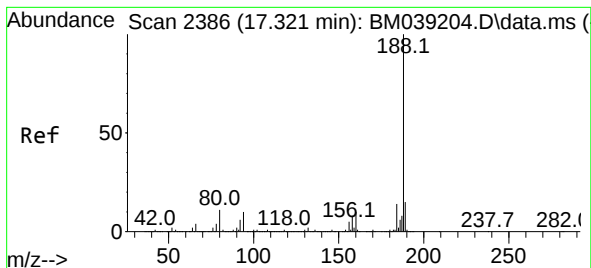
Tgt Ion:330 Resp: 1126688
Ion Ratio Lower Upper
330 100
332 95.5 77.4 116.0
141 36.9 29.8 44.6



#45
2-Fluorobiphenyl
Concen: 83.495 ng
RT: 13.133 min Scan# 1691
Delta R.T. -0.006 min
Lab File: BM039432.D
Acq: 14 Apr 2023 13:49

Tgt Ion:172 Resp: 4338599
Ion Ratio Lower Upper
172 100
171 34.8 28.0 42.0
170 23.6 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.263 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039432.D

Acq: 14 Apr 2023 13:49

Instrument :

BNA_M

ClientSampleId :

PB152069TB

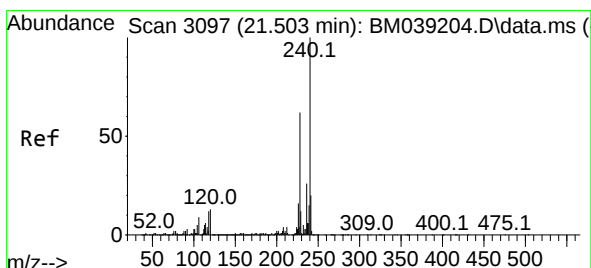
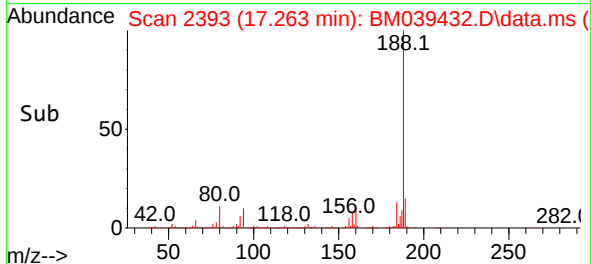
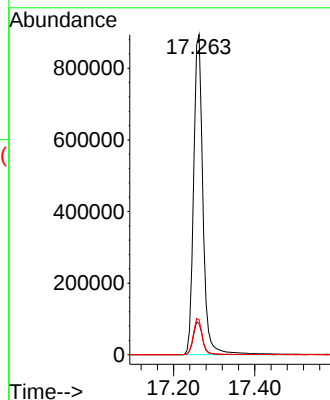
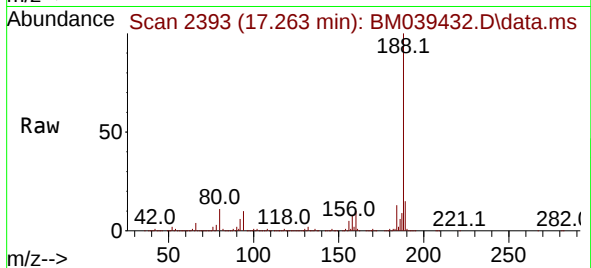
Tgt Ion:188 Resp: 1430148

Ion Ratio Lower Upper

188 100

94 9.7 8.2 12.4

80 10.9 8.9 13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.451 min Scan# 3105

Delta R.T. -0.012 min

Lab File: BM039432.D

Acq: 14 Apr 2023 13:49

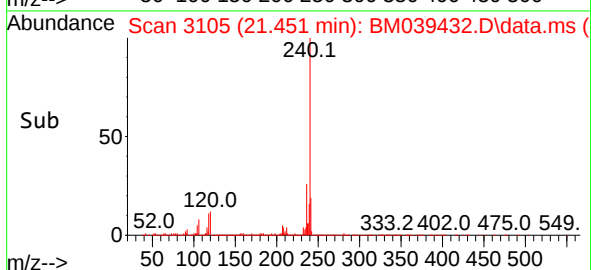
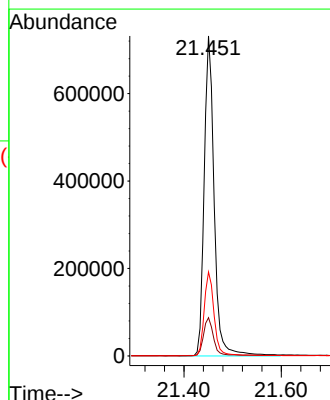
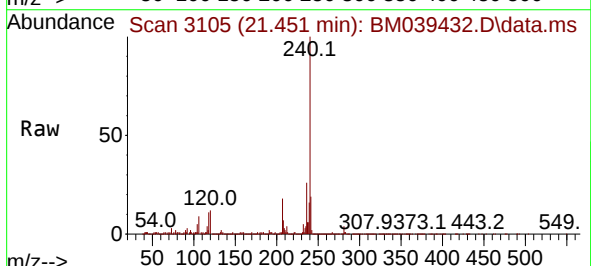
Tgt Ion:240 Resp: 1039674

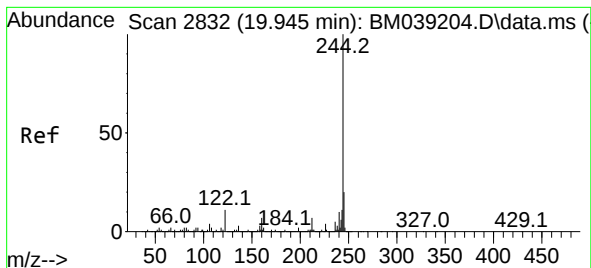
Ion Ratio Lower Upper

240 100

120 11.9 10.2 15.2

236 26.3 20.9 31.3





#79

Terphenyl-d14

Concen: 103.150 ng

RT: 19.892 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039432.D

Acq: 14 Apr 2023 13:49

Instrument :

BNA_M

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PB152069TB

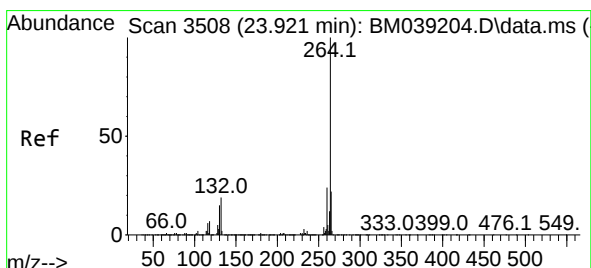
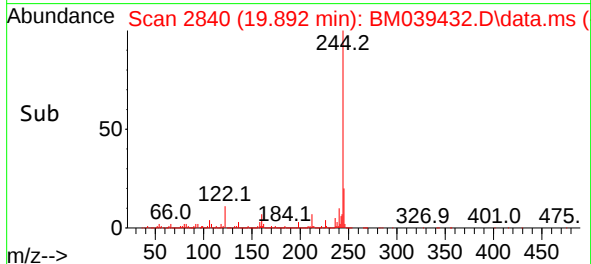
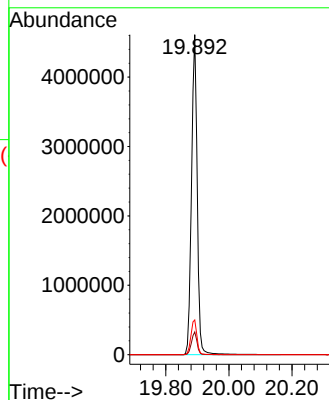
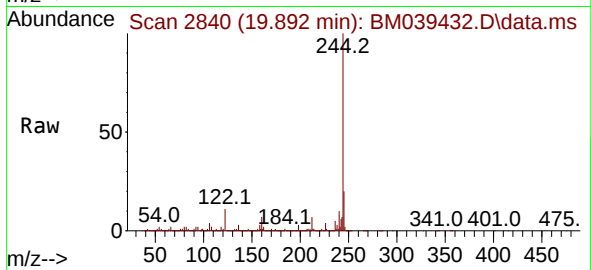
Tgt Ion:244 Resp: 5804566

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 10.8 9.1 13.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.833 min Scan# 3510

Delta R.T. -0.018 min

Lab File: BM039432.D

Acq: 14 Apr 2023 13:49

Tgt Ion:264 Resp: 989903

Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.6

265 22.6 18.1 27.1

