

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041023\
 Data File : BM039376.D
 Acq On : 10 Apr 2023 14:08
 Operator : CG/JU
 Sample : PB151995BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151995BL

Quant Time: Apr 11 02:10:05 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 02:05:37 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	250767	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	967011	20.000	ng	0.00
39) Acenaphthene-d10	14.522	164	532964	20.000	ng	0.00
64) Phenanthrene-d10	17.269	188	964445	20.000	ng	0.00
76) Chrysene-d12	21.457	240	684408	20.000	ng	0.00
86) Perylene-d12	23.845	264	747724	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	2345750	140.932	ng	0.00
7) Phenol-d6	7.046	99	2825517	131.246	ng	0.00
23) Nitrobenzene-d5	9.040	82	1681740	84.525	ng	0.00
42) 2,4,6-Tribromophenol	16.016	330	740266	109.418	ng	0.00
45) 2-Fluorobiphenyl	13.145	172	3365912	85.569	ng	0.00
79) Terphenyl-d14	19.898	244	3617623	97.658	ng	0.00

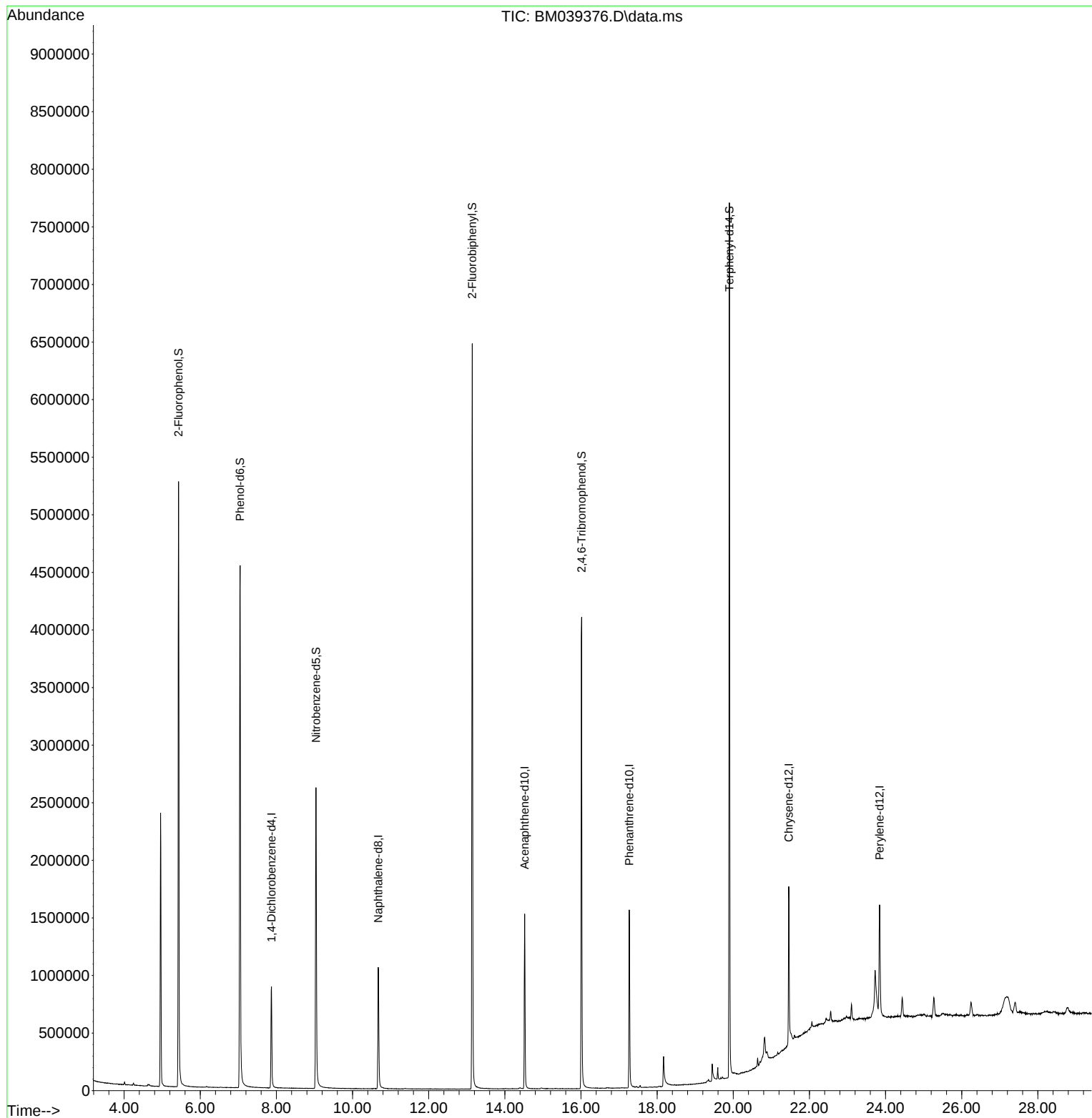
Target Compounds	Qvalue
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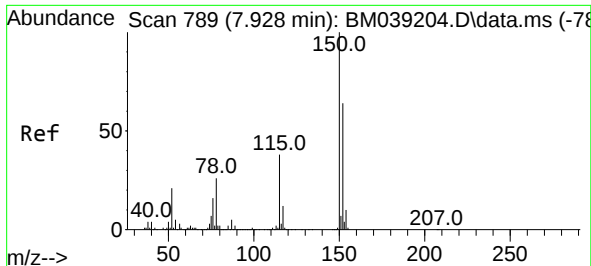
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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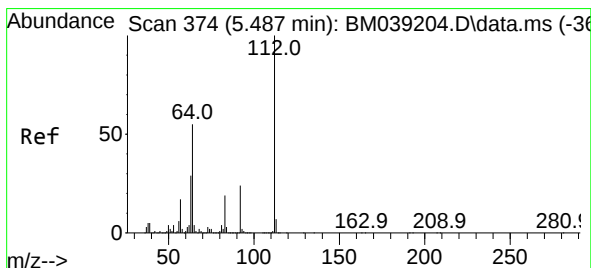
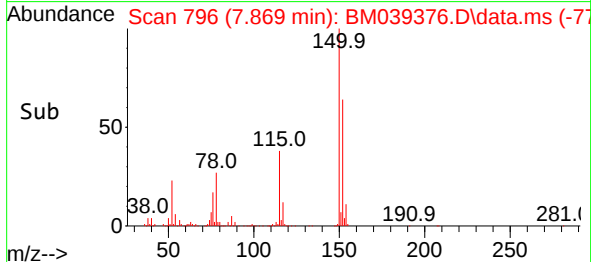
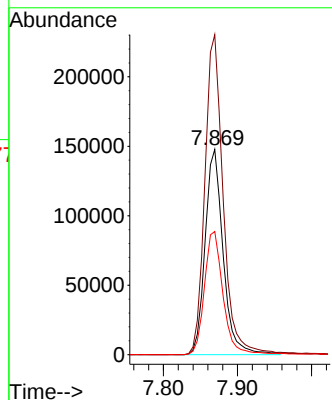
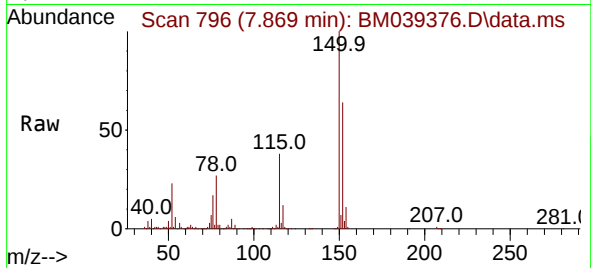




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 796
Delta R.T. 0.000 min
Lab File: BM039376.D
Acq: 10 Apr 2023 14:08

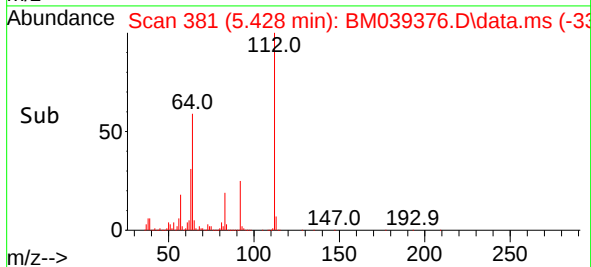
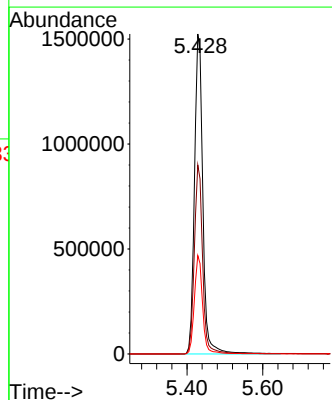
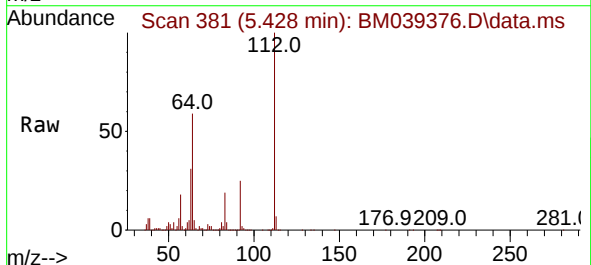
Instrument :
BNA_M
ClientSampleId :
PB151995BL

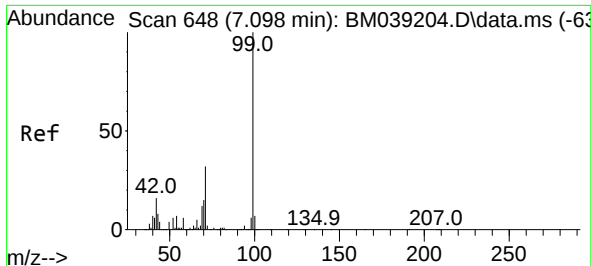
Tgt Ion:152 Resp: 250767
Ion Ratio Lower Upper
152 100
150 155.9 125.5 188.3
115 60.0 48.1 72.1



#5
2-Fluorophenol
Concen: 140.932 ng
RT: 5.428 min Scan# 381
Delta R.T. 0.000 min
Lab File: BM039376.D
Acq: 10 Apr 2023 14:08

Tgt Ion:112 Resp: 2345750
Ion Ratio Lower Upper
112 100
64 59.1 44.3 66.5
63 30.7 23.0 34.6

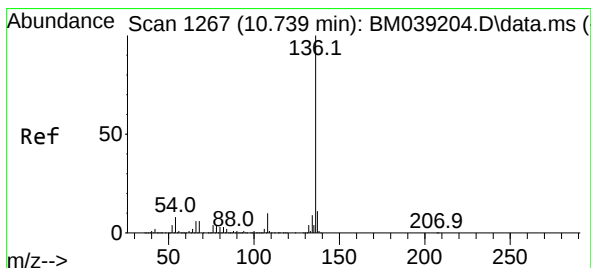
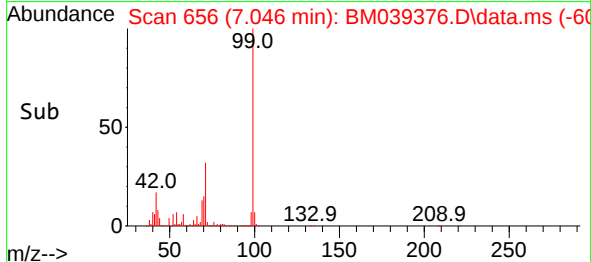
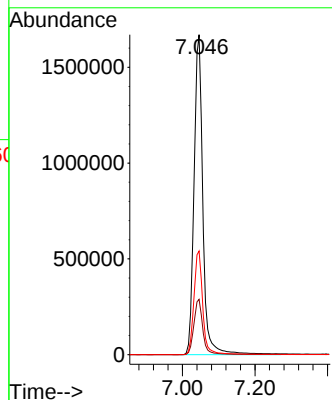
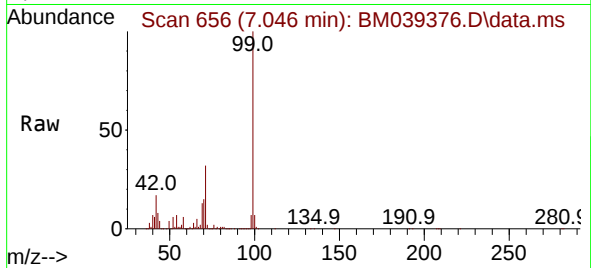




#7
Phenol-d6
Concen: 131.246 ng
RT: 7.046 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM039376.D
Acq: 10 Apr 2023 14:08

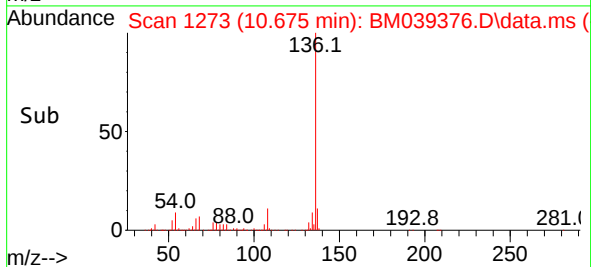
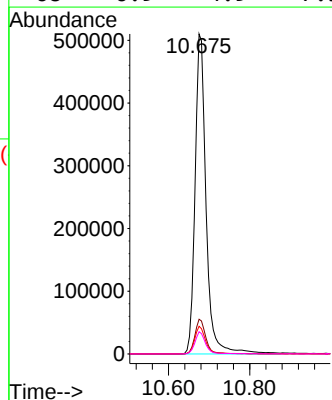
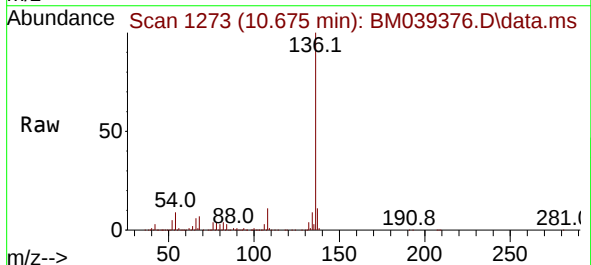
Instrument :
BNA_M
ClientSampleId :
PB151995BL

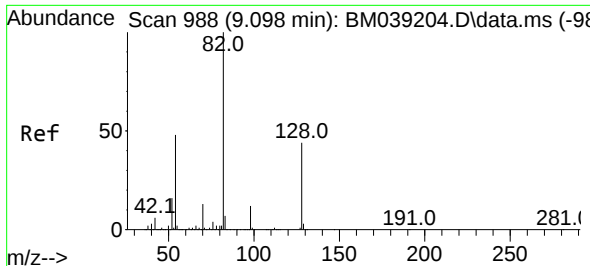
Tgt Ion: 99 Resp: 2825517
Ion Ratio Lower Upper
99 100
42 17.3 13.0 19.6
71 32.4 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.675 min Scan# 1273
Delta R.T. -0.006 min
Lab File: BM039376.D
Acq: 10 Apr 2023 14:08

Tgt Ion: 136 Resp: 967011
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.7 6.2 9.4
68 6.9 4.9 7.3

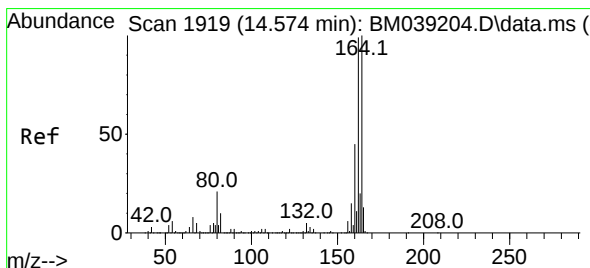
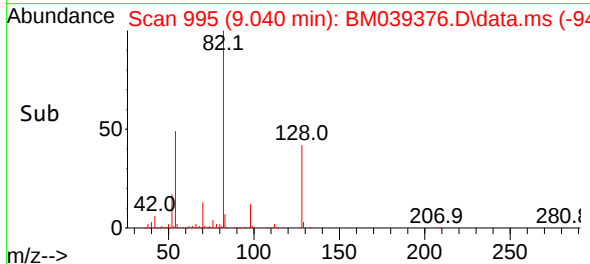
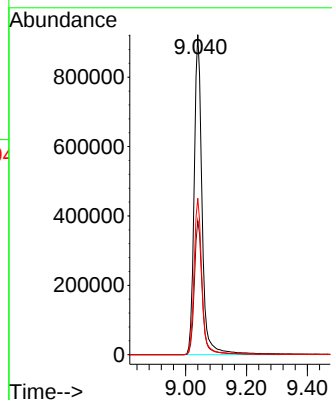
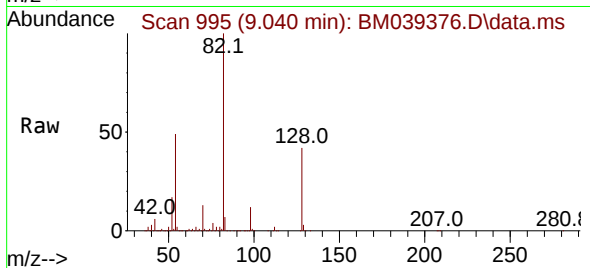




#23
Nitrobenzene-d5
Concen: 84.525 ng
RT: 9.040 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM039376.D
Acq: 10 Apr 2023 14:08

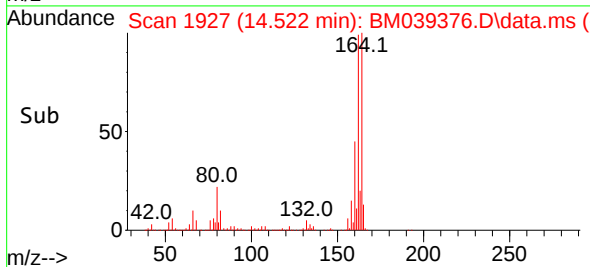
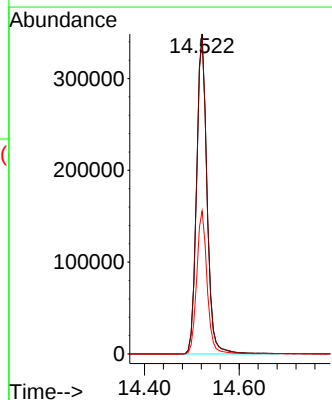
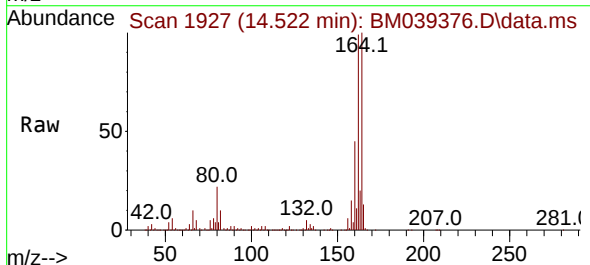
Instrument :
BNA_M
ClientSampleId :
PB151995BL

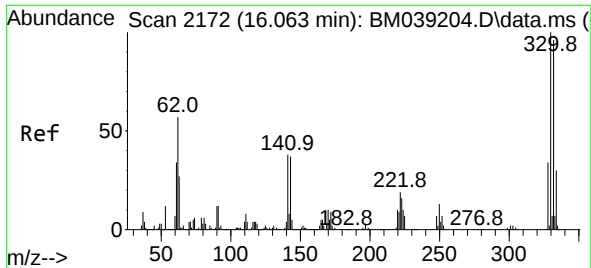
Tgt Ion: 82 Resp: 1681740
Ion Ratio Lower Upper
82 100
128 41.8 35.1 52.7
54 48.9 38.5 57.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.522 min Scan# 1927
Delta R.T. 0.000 min
Lab File: BM039376.D
Acq: 10 Apr 2023 14:08

Tgt Ion: 164 Resp: 532964
Ion Ratio Lower Upper
164 100
162 98.6 79.1 118.7
160 44.7 35.8 53.8

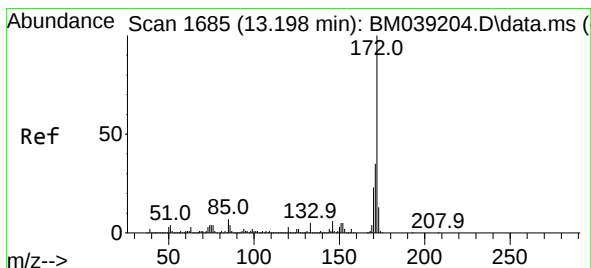
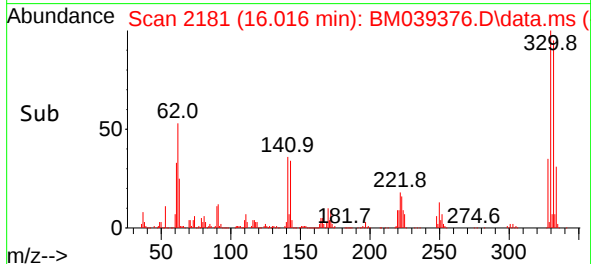
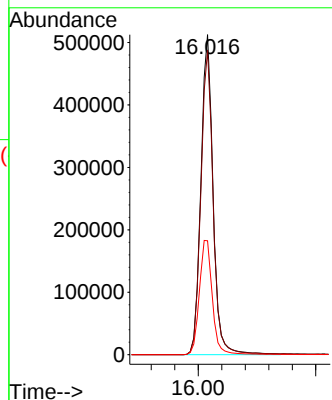
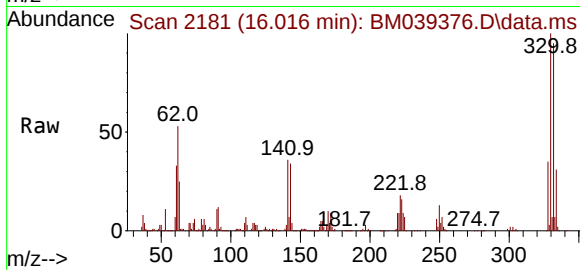




#42
2,4,6-Tribromophenol
Concen: 109.418 ng
RT: 16.016 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BM039376.D
Acq: 10 Apr 2023 14:08

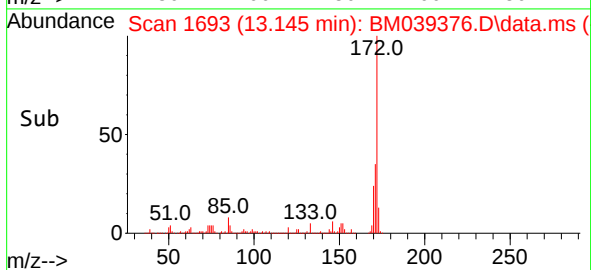
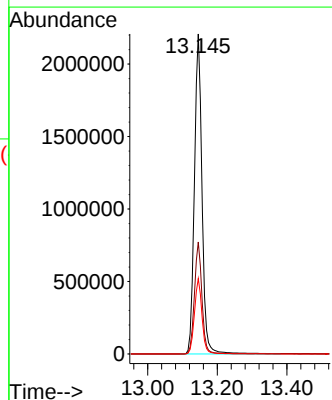
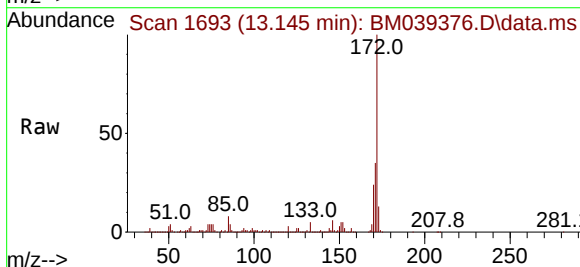
Instrument :
BNA_M
ClientSampleId :
PB151995BL

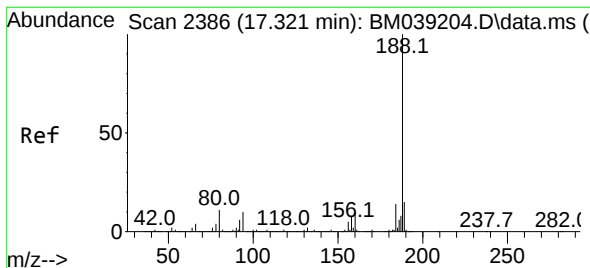
Tgt Ion:330 Resp: 740266
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.0
141 38.1 29.8 44.6



#45
2-Fluorobiphenyl
Concen: 85.569 ng
RT: 13.145 min Scan# 1693
Delta R.T. 0.000 min
Lab File: BM039376.D
Acq: 10 Apr 2023 14:08

Tgt Ion:172 Resp: 3365912
Ion Ratio Lower Upper
172 100
171 35.0 28.0 42.0
170 23.6 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.269 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039376.D

Acq: 10 Apr 2023 14:08

Instrument :

BNA_M

ClientSampleId :

PB151995BL

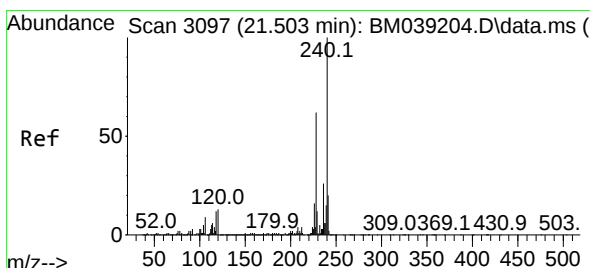
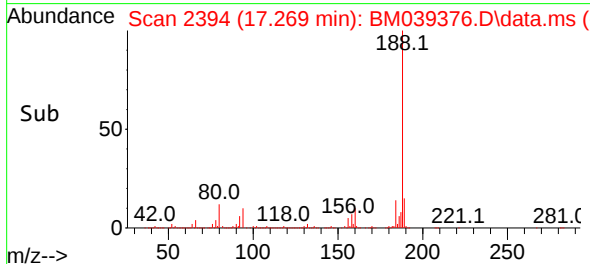
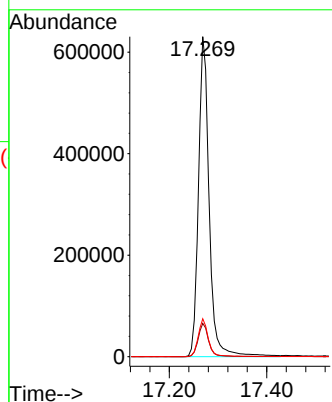
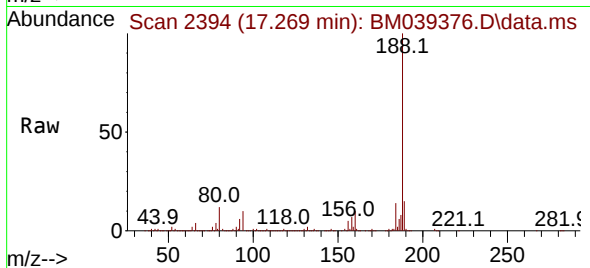
Tgt Ion:188 Resp: 964445

Ion Ratio Lower Upper

188 100

94 10.4 8.2 12.4

80 11.9 8.9 13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.457 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BM039376.D

Acq: 10 Apr 2023 14:08

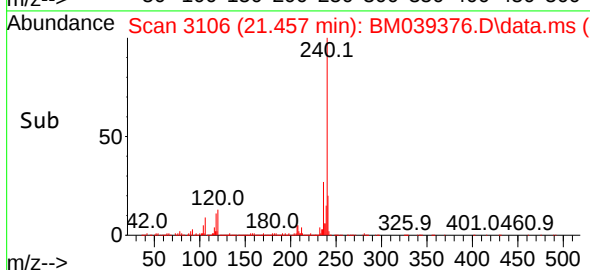
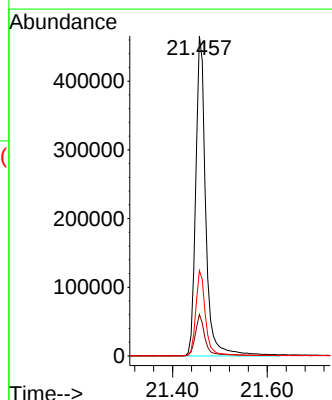
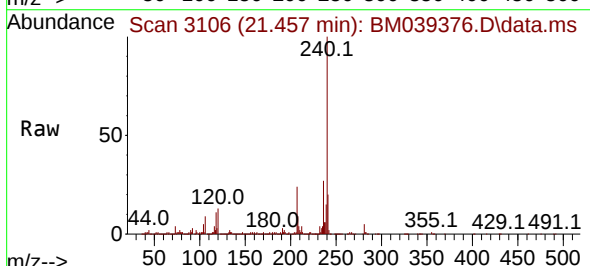
Tgt Ion:240 Resp: 684408

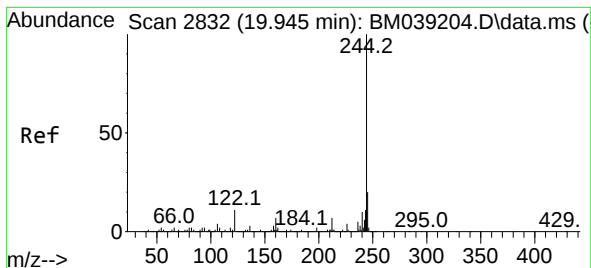
Ion Ratio Lower Upper

240 100

120 12.9 10.2 15.2

236 26.7 20.9 31.3





#79

Terphenyl-d14

Concen: 97.658 ng

RT: 19.898 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039376.D

Acq: 10 Apr 2023 14:08

Instrument :

BNA_M

ClientSampleId :

PB151995BL

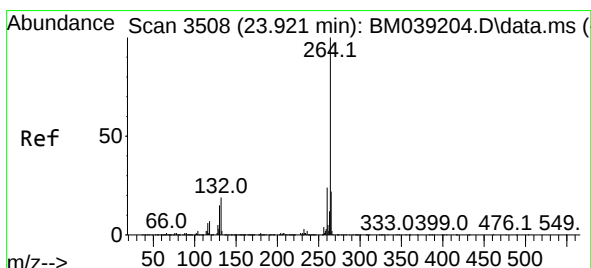
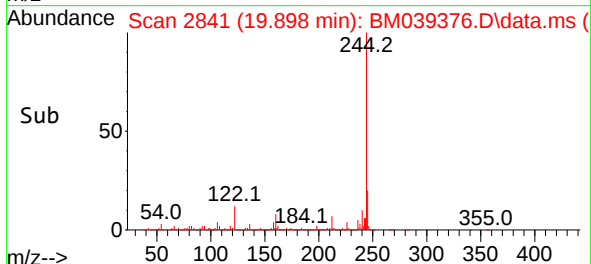
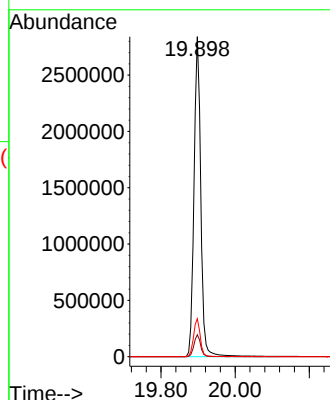
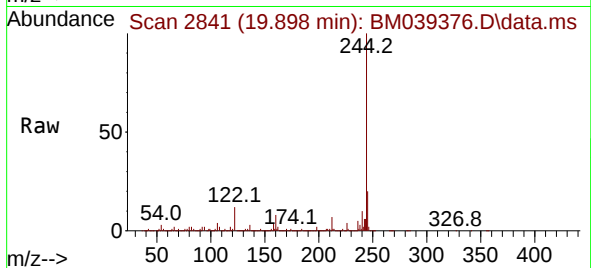
Tgt Ion:244 Resp: 3617623

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 11.8 9.1 13.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.845 min Scan# 3512

Delta R.T. 0.000 min

Lab File: BM039376.D

Acq: 10 Apr 2023 14:08

Tgt Ion:264 Resp: 747724

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.6

265 22.8 18.1 27.1

