

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041323\
 Data File : BM039420.D
 Acq On : 13 Apr 2023 20:50
 Operator : CG/JU
 Sample : 02320-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E9074-BAYS-001

Quant Time: Apr 14 05:17:18 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)

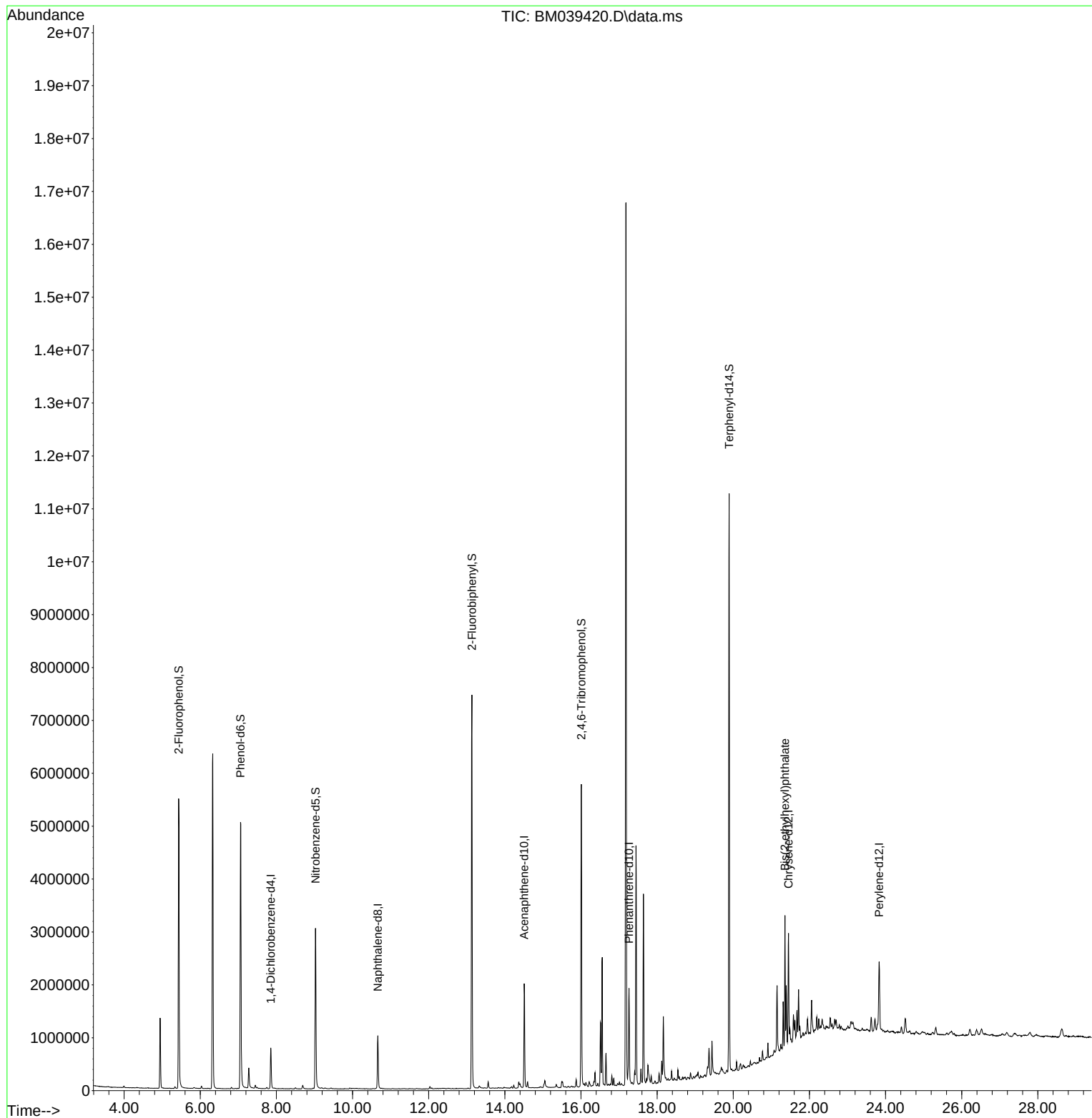
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	214295	20.000	ng	-0.01
21) Naphthalene-d8	10.663	136	876244	20.000	ng	-0.01
39) Acenaphthene-d10	14.510	164	520347	20.000	ng	0.00
64) Phenanthrene-d10	17.262	188	1046709	20.000	ng	0.00
76) Chrysene-d12	21.450	240	916851	20.000	ng	-0.01
86) Perylene-d12	23.833	264	1005952	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	2423919	170.414	ng	0.01
7) Phenol-d6	7.057	99	3187189	173.242	ng	0.02
23) Nitrobenzene-d5	9.028	82	1872440	103.858	ng	0.00
42) 2,4,6-Tribromophenol	16.010	330	1055462	159.790	ng	0.00
45) 2-Fluorobiphenyl	13.133	172	3839248	99.969	ng	0.00
79) Terphenyl-d14	19.892	244	5279053	106.379	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	21.356	149	759467	17.197	ng	Qvalue 98

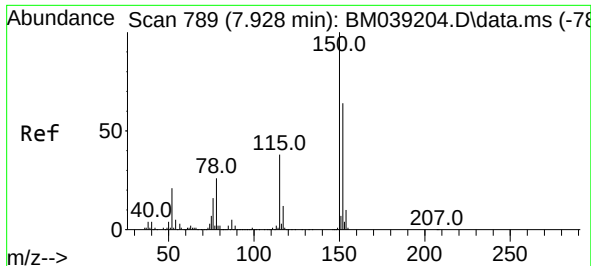
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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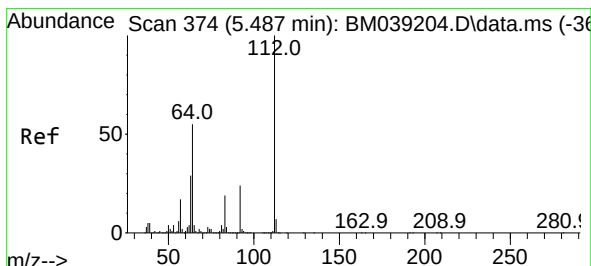
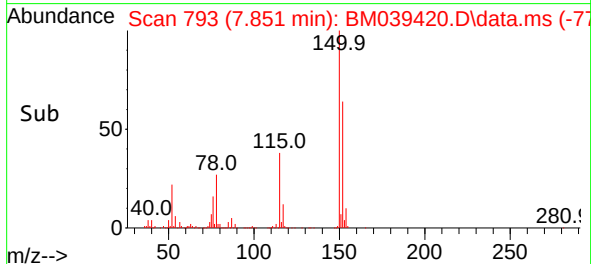
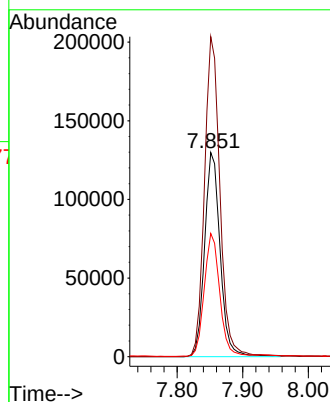
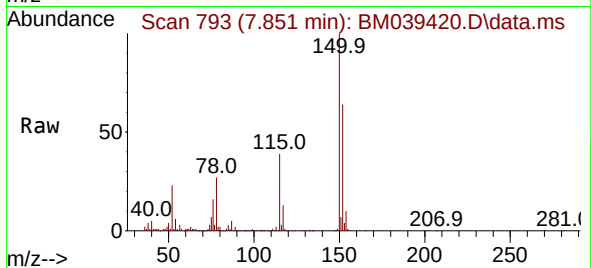




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.851 min Scan# 793
Delta R.T. -0.012 min
Lab File: BM039420.D
Acq: 13 Apr 2023 20:50

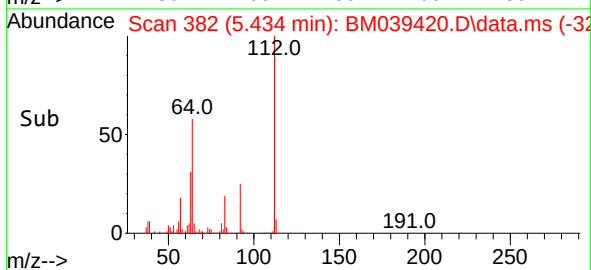
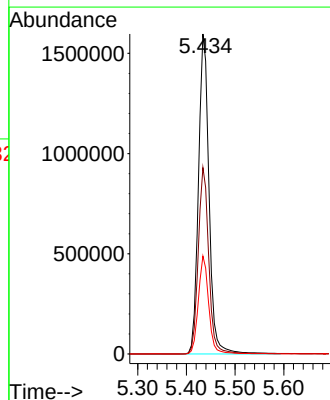
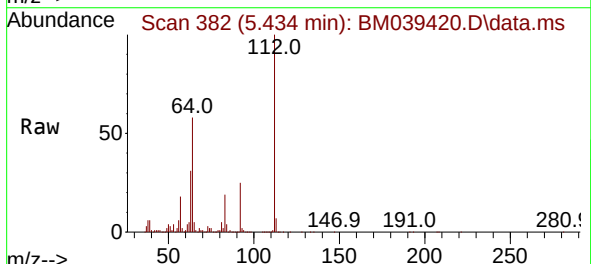
Instrument :
BNA_M
ClientSampleId :
E9074-BAYS-001

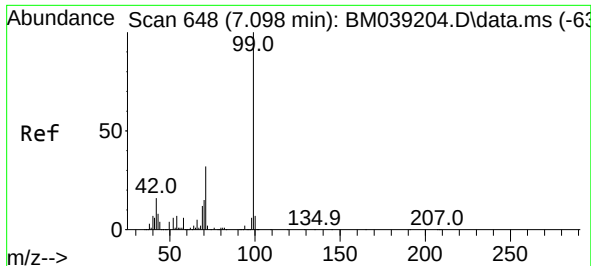
Tgt Ion:152 Resp: 214295
Ion Ratio Lower Upper
152 100
150 156.7 125.5 188.3
115 60.3 48.1 72.1



#5
2-Fluorophenol
Concen: 170.414 ng
RT: 5.434 min Scan# 382
Delta R.T. 0.012 min
Lab File: BM039420.D
Acq: 13 Apr 2023 20:50

Tgt Ion:112 Resp: 2423919
Ion Ratio Lower Upper
112 100
64 58.3 44.3 66.5
63 30.6 23.0 34.6

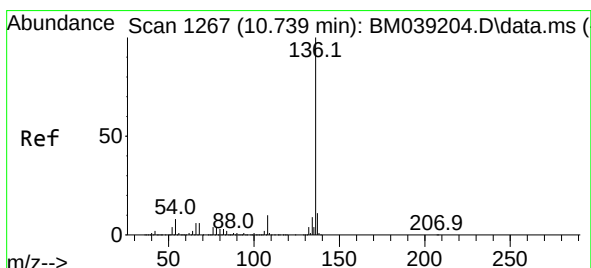
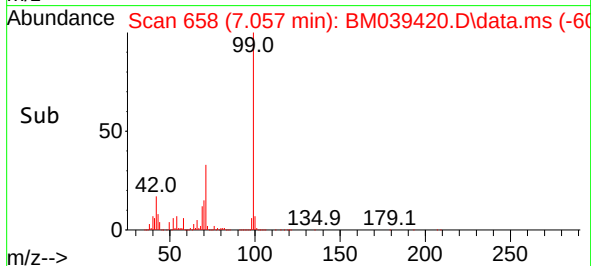
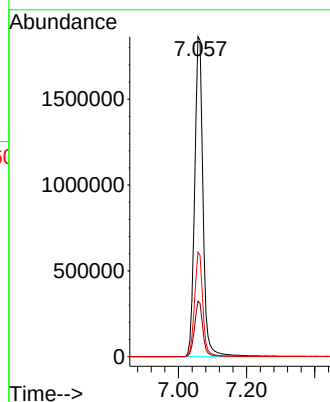
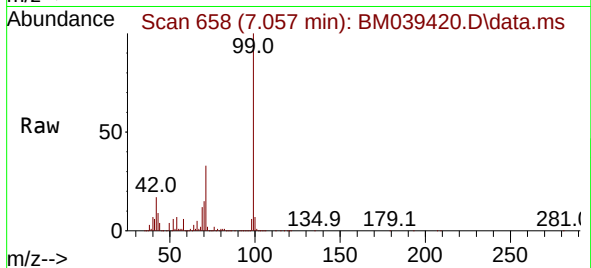




#7
Phenol-d6
Concen: 173.242 ng
RT: 7.057 min Scan# 61
Delta R.T. 0.024 min
Lab File: BM039420.D
Acq: 13 Apr 2023 20:50

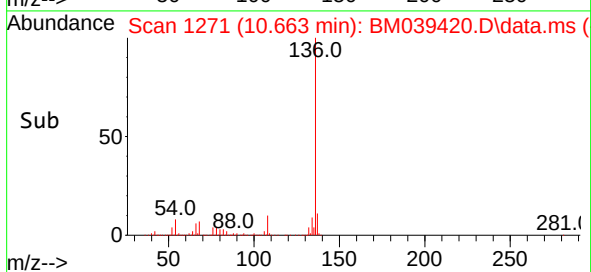
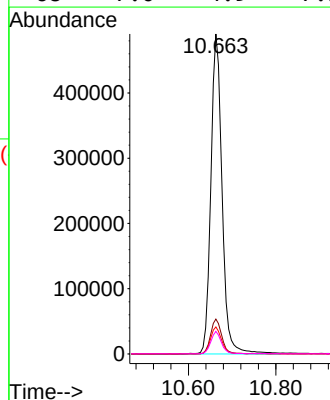
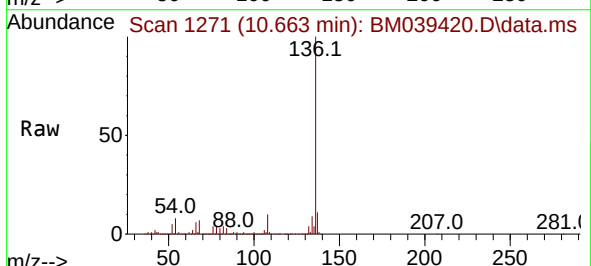
Instrument :
BNA_M
ClientSampleId :
E9074-BAYS-001

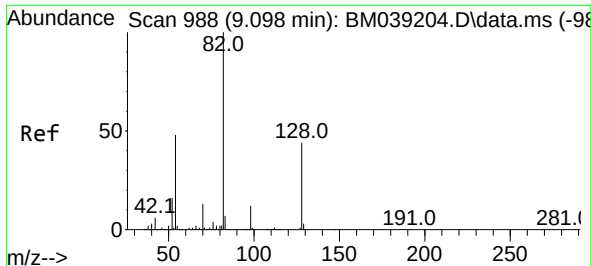
Tgt Ion: 99 Resp: 3187189
Ion Ratio Lower Upper
99 100
42 17.3 13.0 19.6
71 32.7 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1271
Delta R.T. -0.012 min
Lab File: BM039420.D
Acq: 13 Apr 2023 20:50

Tgt Ion: 136 Resp: 876244
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.4 6.2 9.4
68 7.0 4.9 7.3

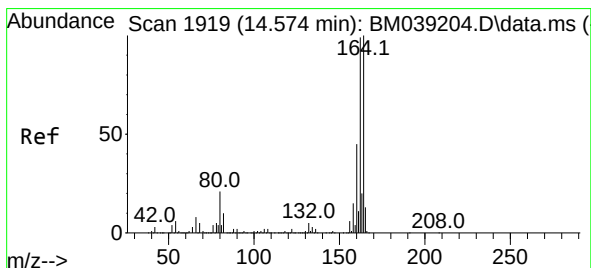
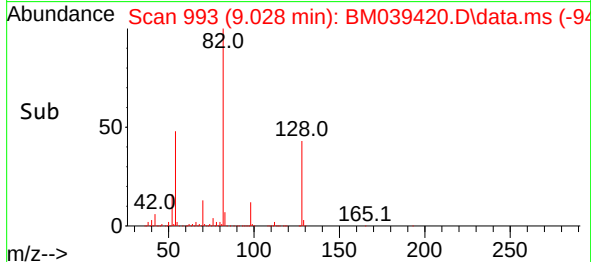
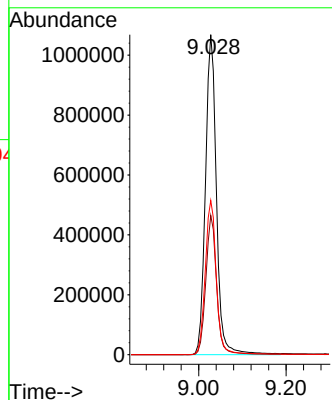
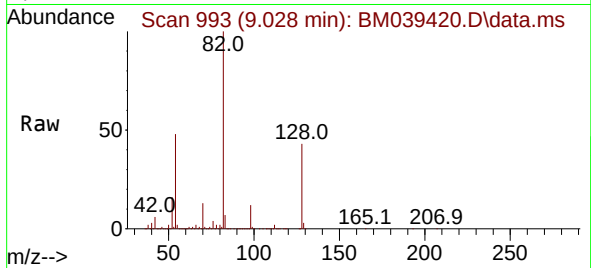




#23
Nitrobenzene-d5
Concen: 103.858 ng
RT: 9.028 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM039420.D
Acq: 13 Apr 2023 20:50

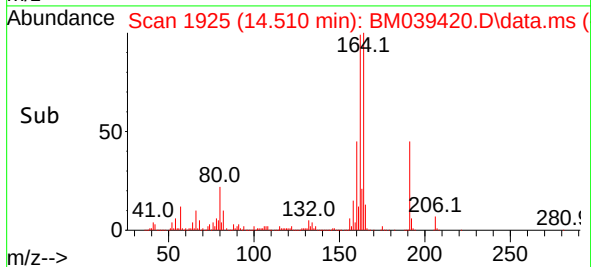
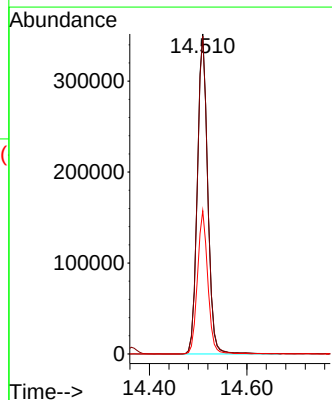
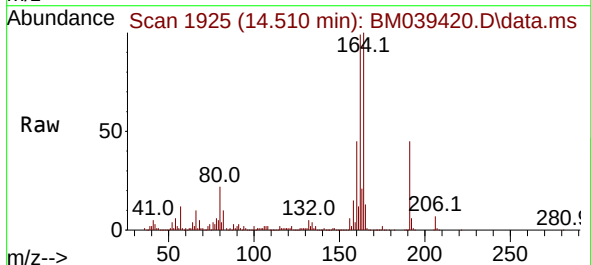
Instrument :
BNA_M
ClientSampleId :
E9074-BAYS-001

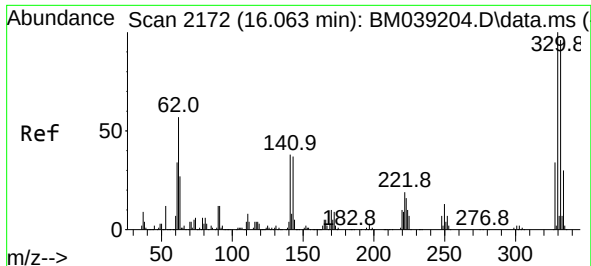
Tgt Ion: 82 Resp: 1872440
Ion Ratio Lower Upper
82 100
128 43.5 35.1 52.7
54 48.2 38.5 57.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.510 min Scan# 1925
Delta R.T. -0.006 min
Lab File: BM039420.D
Acq: 13 Apr 2023 20:50

Tgt Ion:164 Resp: 520347
Ion Ratio Lower Upper
164 100
162 99.3 79.1 118.7
160 44.8 35.8 53.8





#42

2,4,6-Tribromophenol

Concen: 159.790 ng

RT: 16.010 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039420.D

Acq: 13 Apr 2023 20:50

Instrument :

BNA_M

ClientSampleId :

E9074-BAYS-001

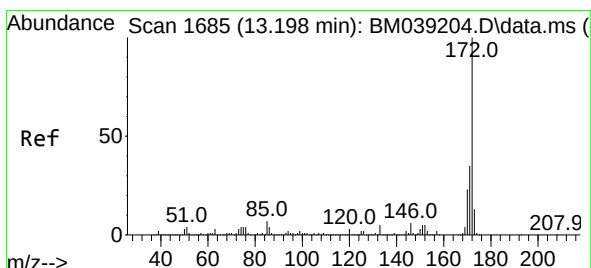
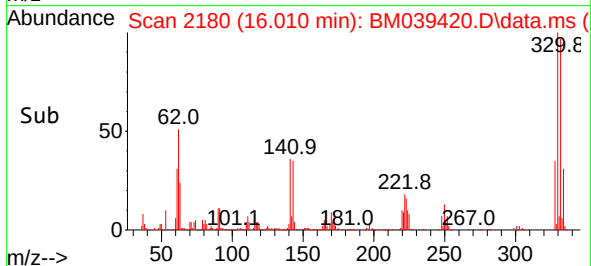
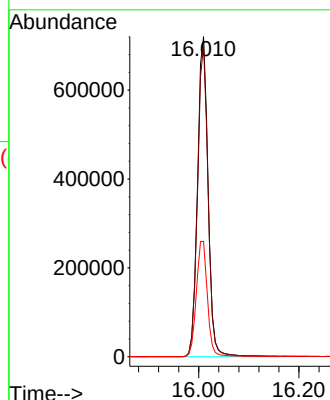
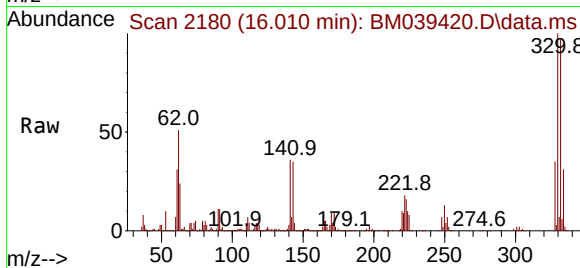
Tgt Ion:330 Resp: 1055462

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.0

141 37.6 29.8 44.6



#45

2-Fluorobiphenyl

Concen: 99.969 ng

RT: 13.133 min Scan# 1691

Delta R.T. -0.006 min

Lab File: BM039420.D

Acq: 13 Apr 2023 20:50

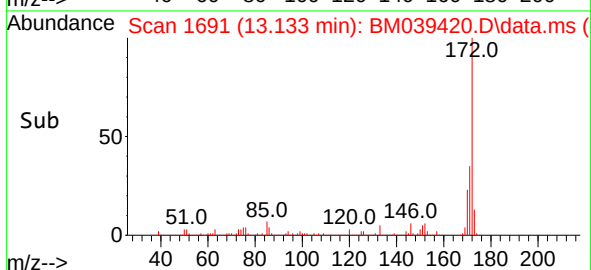
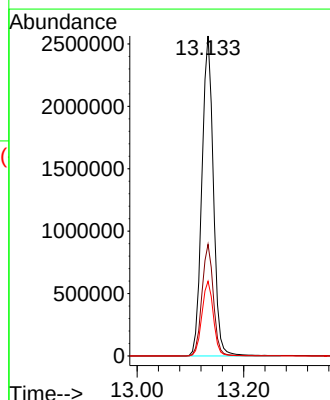
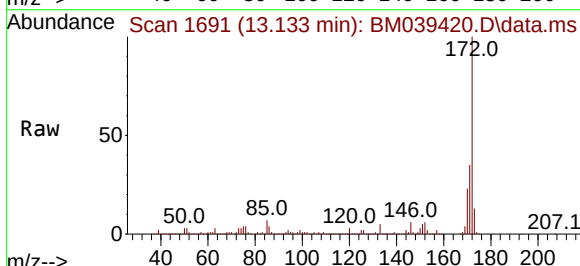
Tgt Ion:172 Resp: 3839248

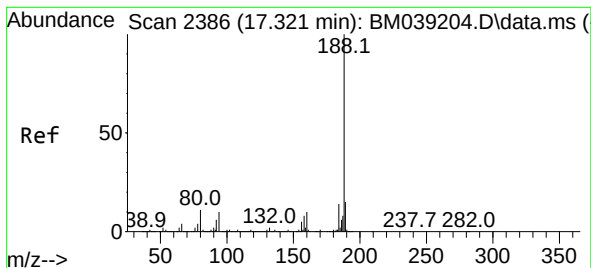
Ion Ratio Lower Upper

172 100

171 34.9 28.0 42.0

170 23.4 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.262 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039420.D

Acq: 13 Apr 2023 20:50

Instrument :

BNA_M

ClientSampleId :

E9074-BAYS-001

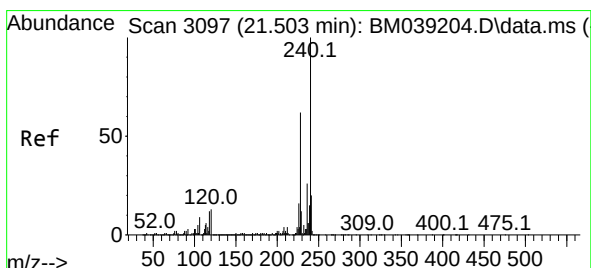
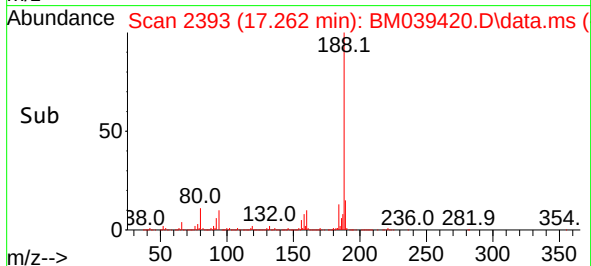
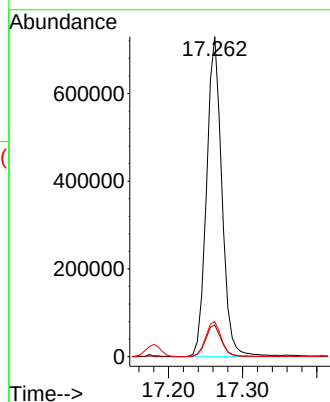
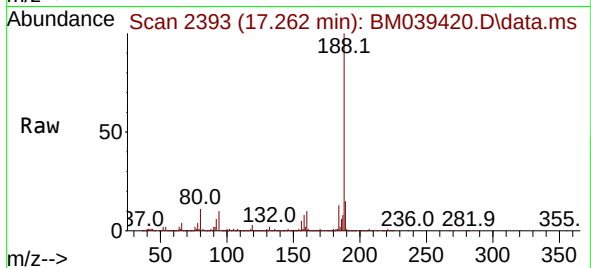
Tgt Ion:188 Resp: 1046709

Ion Ratio Lower Upper

188 100

94 9.9 8.2 12.4

80 11.0 8.9 13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.450 min Scan# 3105

Delta R.T. -0.012 min

Lab File: BM039420.D

Acq: 13 Apr 2023 20:50

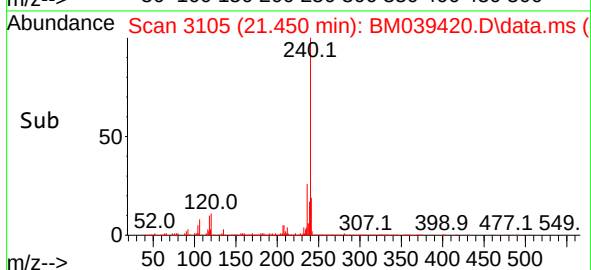
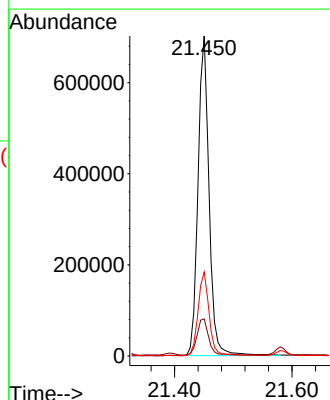
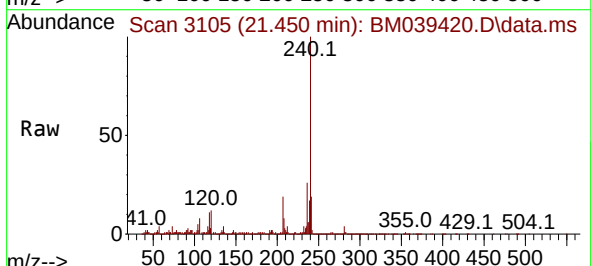
Tgt Ion:240 Resp: 916851

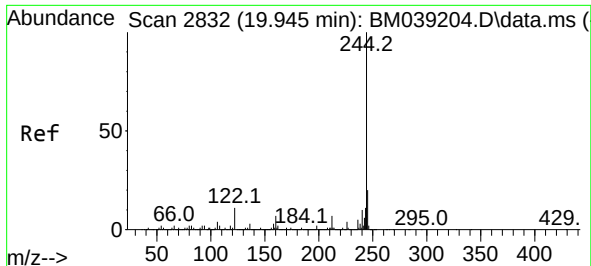
Ion Ratio Lower Upper

240 100

120 11.6 10.2 15.2

236 26.2 20.9 31.3

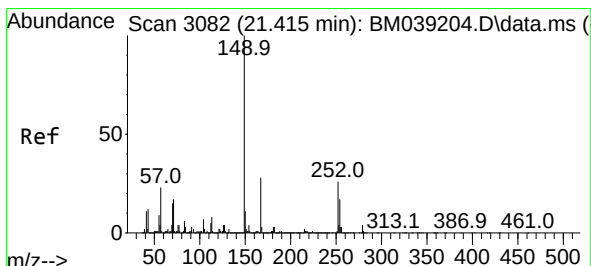
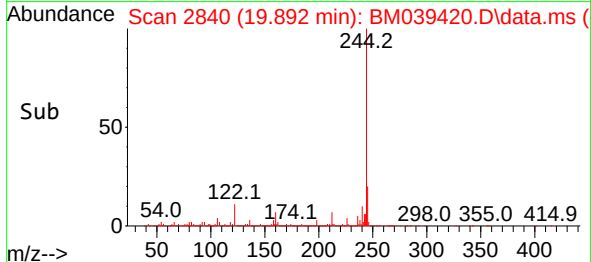
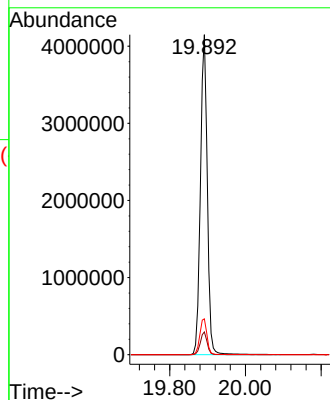
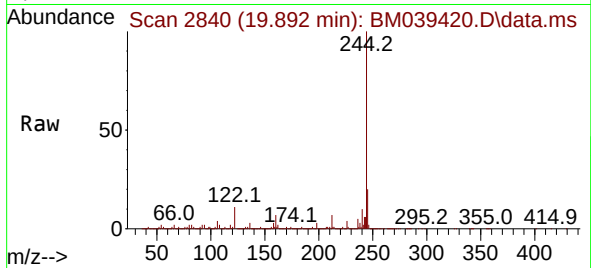




#79
 Terphenyl-d14
 Concen: 106.379 ng
 RT: 19.892 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM039420.D
 Acq: 13 Apr 2023 20:50

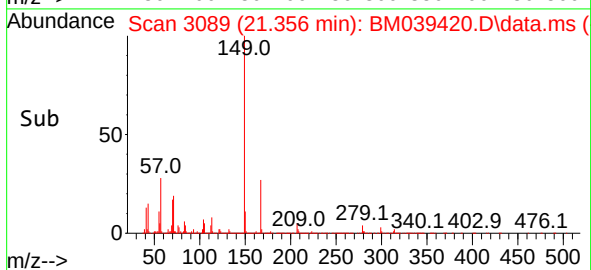
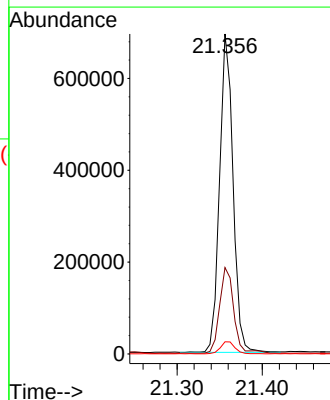
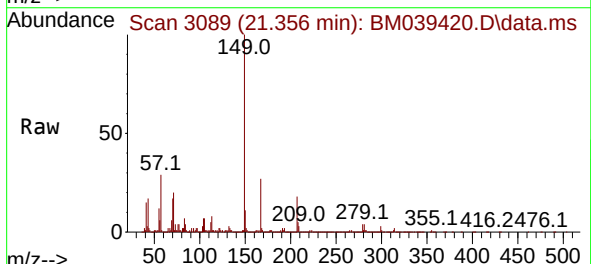
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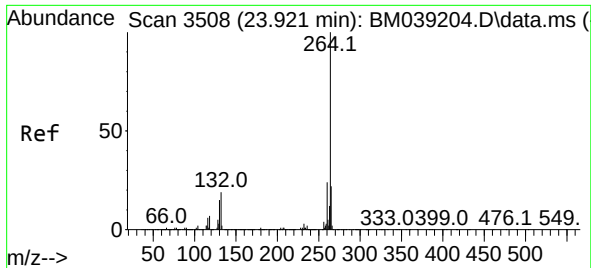
Tgt Ion:244 Resp: 5279053
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 11.2 9.1 13.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 17.197 ng
 RT: 21.356 min Scan# 3089
 Delta R.T. -0.018 min
 Lab File: BM039420.D
 Acq: 13 Apr 2023 20:50

Tgt Ion:149 Resp: 759467
 Ion Ratio Lower Upper
 149 100
 167 27.0 22.3 33.5
 279 3.8 3.4 5.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.833 min Scan# 31
 Delta R.T. -0.018 min
 Lab File: BM039420.D
 Acq: 13 Apr 2023 20:50

Instrument :
 BNA_M
 ClientSampleId :
 E9074-BAYS-001

Tgt Ion:264 Resp: 1005952
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.6
 265 22.3 18.1 27.1

