

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042123\
 Data File : BM039548.D
 Acq On : 21 Apr 2023 12:30
 Operator : CG/JU
 Sample : 02270-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-17-7-9-20230410

Quant Time: Apr 22 01:42:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 21 12:46:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.819	152	151259	20.000	ng	0.00
21) Naphthalene-d8	10.625	136	597887	20.000	ng	0.00
39) Acenaphthene-d10	14.471	164	343036	20.000	ng	0.00
64) Phenanthrene-d10	17.224	188	695675	20.000	ng	0.00
76) Chrysene-d12	21.424	240	636217	20.000	ng	0.00
86) Perylene-d12	23.783	264	690831	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	966211	104.365	ng	0.00
7) Phenol-d6	7.001	99	1251149	91.957	ng	0.00
23) Nitrobenzene-d5	8.989	82	779022	63.807	ng	0.00
42) 2,4,6-Tribromophenol	15.971	330	371164	83.381	ng	0.00
45) 2-Fluorobiphenyl	13.095	172	1713908	69.130	ng	0.00
79) Terphenyl-d14	19.859	244	2604126	73.842	ng	0.00

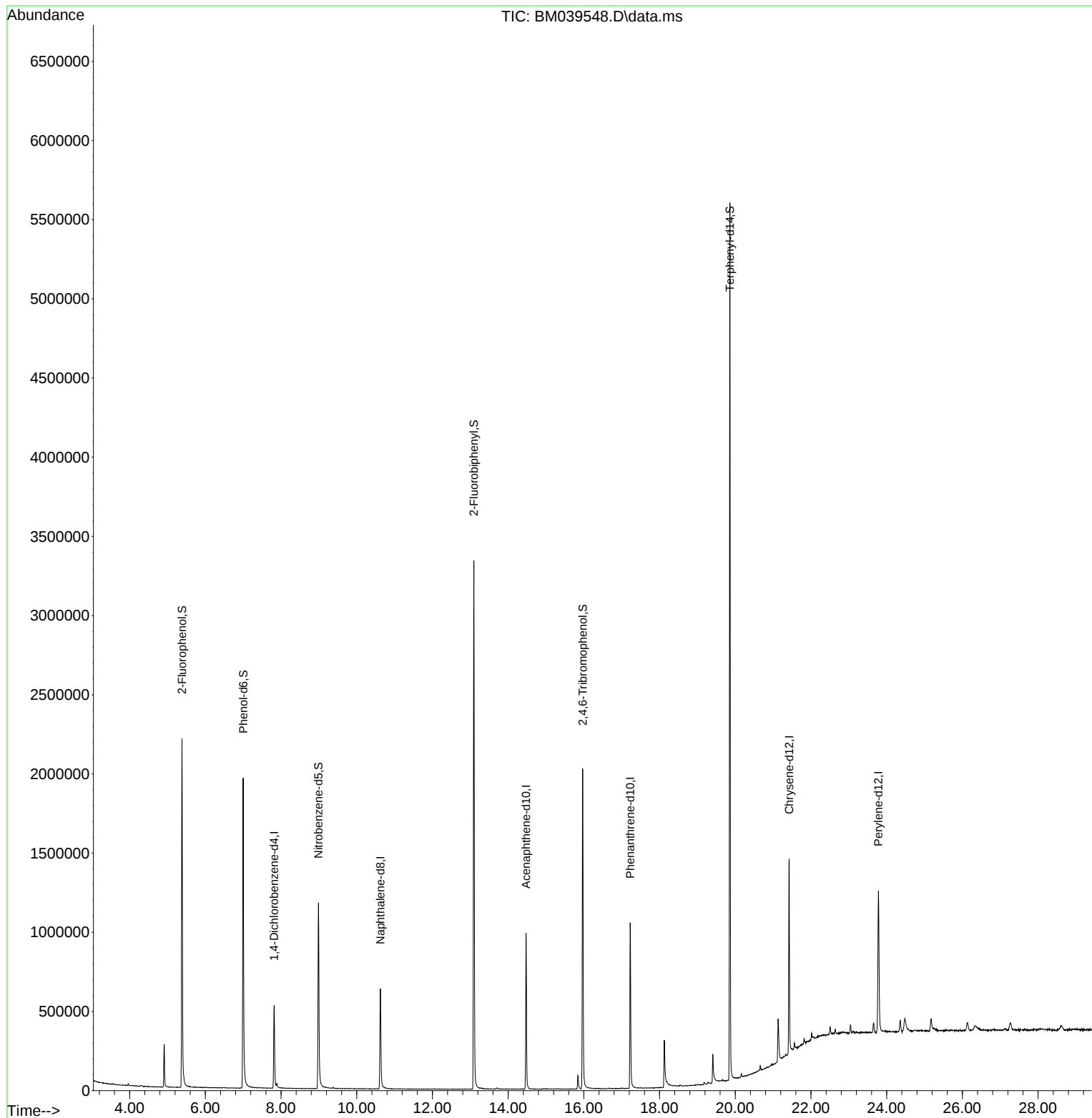
Target Compounds	Qvalue

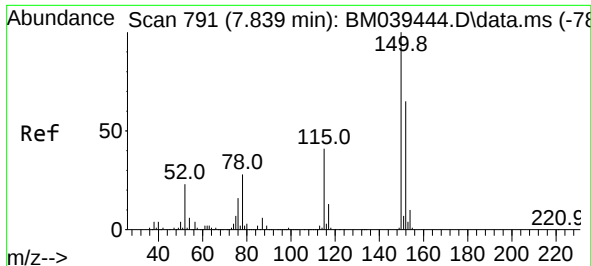
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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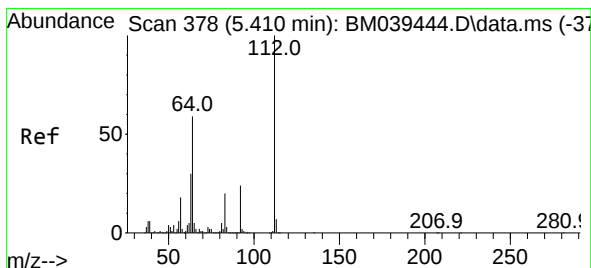
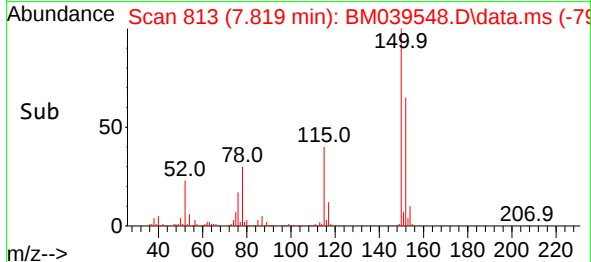
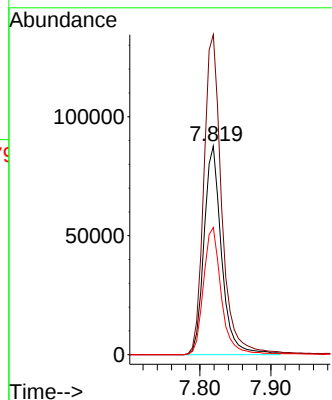
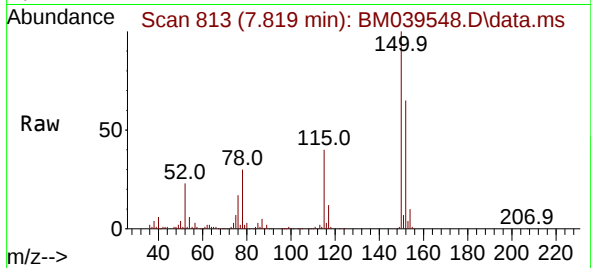




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.819 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM039548.D
Acq: 21 Apr 2023 12:30

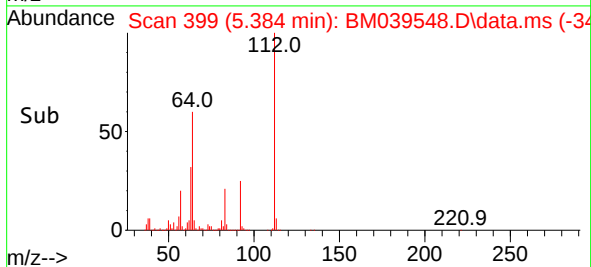
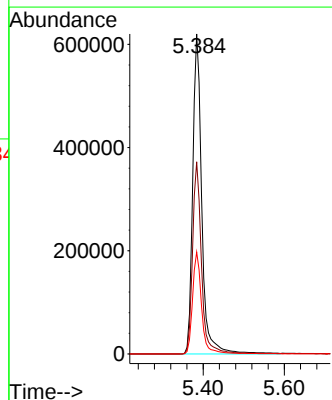
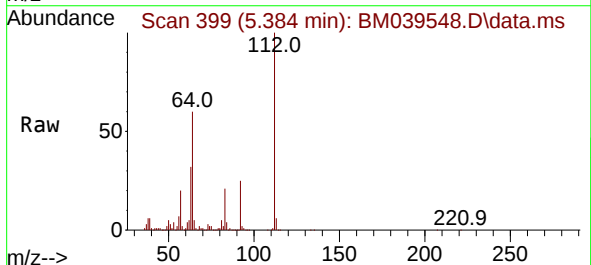
Instrument :
BNA_M
ClientSampleId :
SB-17-7-9-20230410

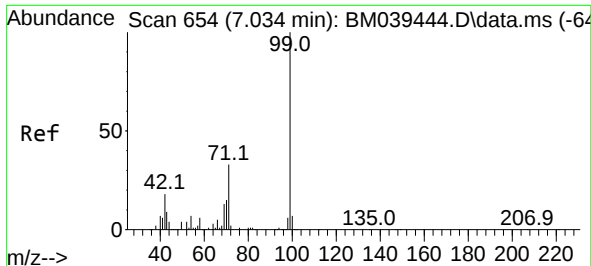
Tgt Ion:152 Resp: 151259
Ion Ratio Lower Upper
152 100
150 153.3 123.0 184.4
115 60.9 49.9 74.9



#5
2-Fluorophenol
Concen: 104.365 ng
RT: 5.384 min Scan# 399
Delta R.T. -0.006 min
Lab File: BM039548.D
Acq: 21 Apr 2023 12:30

Tgt Ion:112 Resp: 966211
Ion Ratio Lower Upper
112 100
64 60.1 47.0 70.4
63 31.8 24.2 36.4

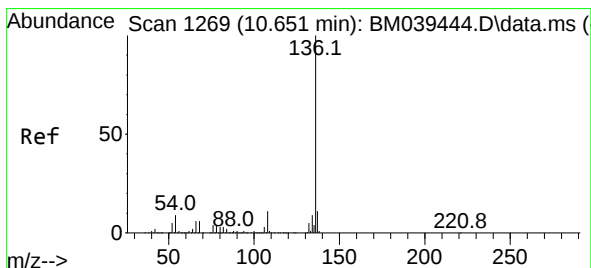
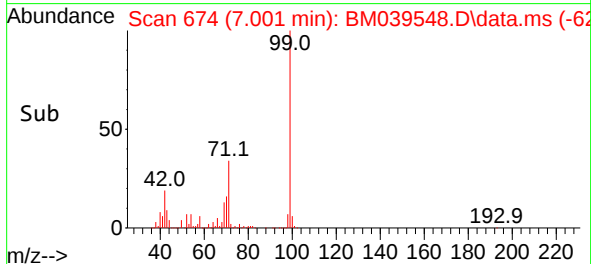
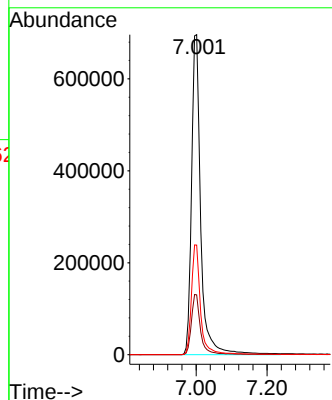
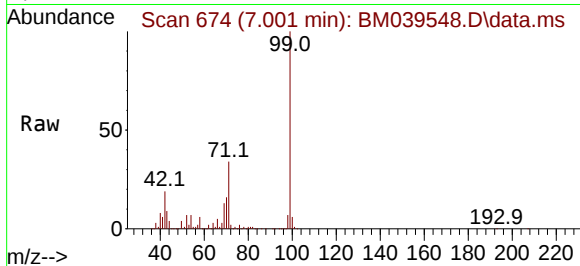




#7
Phenol-d6
Concen: 91.957 ng
RT: 7.001 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM039548.D
Acq: 21 Apr 2023 12:30

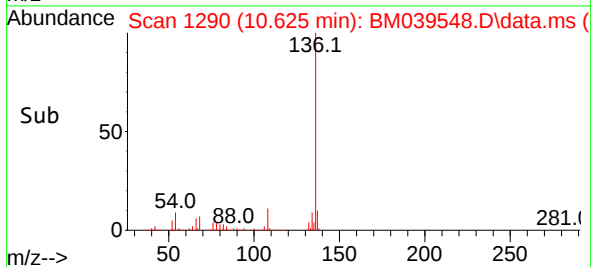
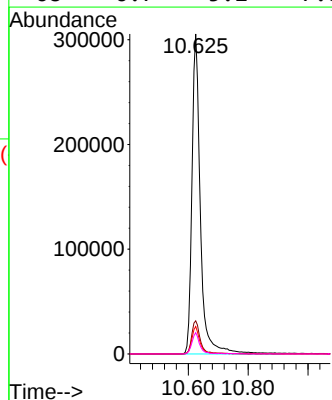
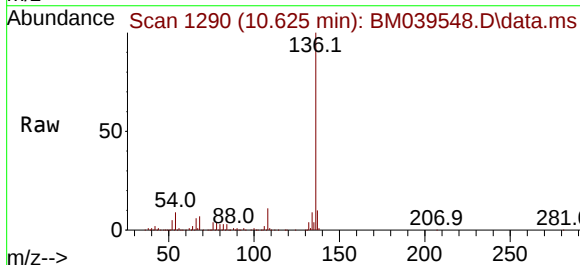
Instrument :
BNA_M
ClientSampleId :
SB-17-7-9-20230410

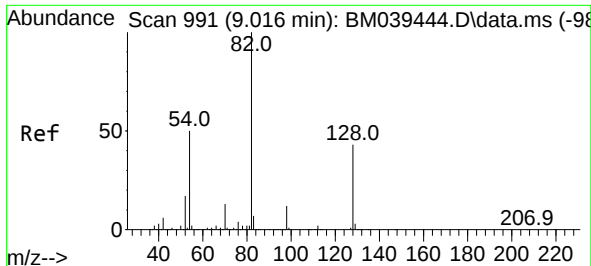
Tgt Ion: 99 Resp: 1251149
Ion Ratio Lower Upper
99 100
42 18.7 14.2 21.4
71 34.2 26.8 40.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.625 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BM039548.D
Acq: 21 Apr 2023 12:30

Tgt Ion: 136 Resp: 597887
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 8.6 6.9 10.3
68 6.7 5.2 7.8

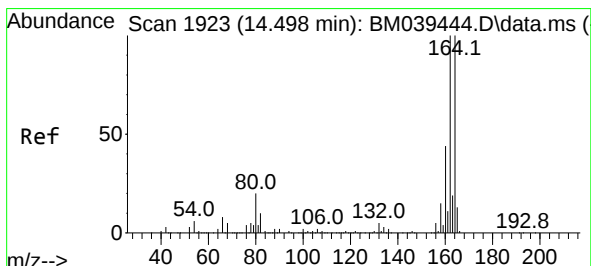
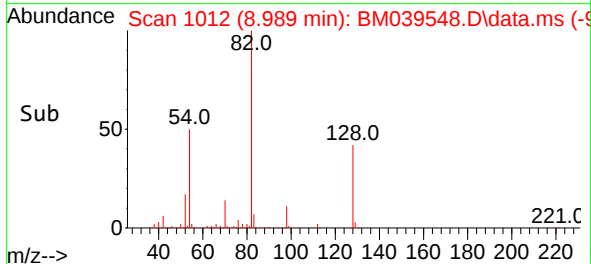
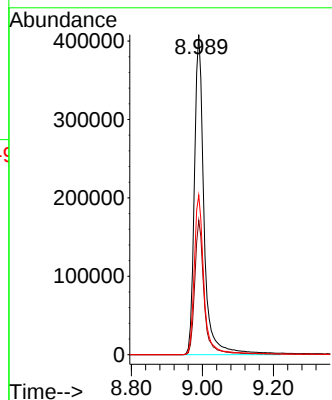
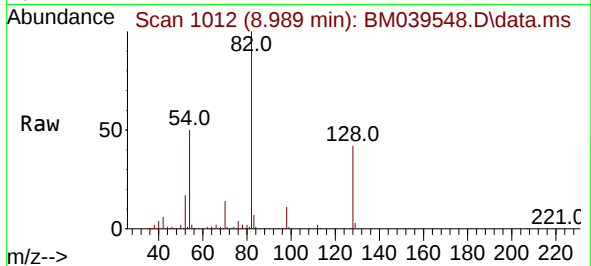




#23
Nitrobenzene-d5
Concen: 63.807 ng
RT: 8.989 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BM039548.D
Acq: 21 Apr 2023 12:30

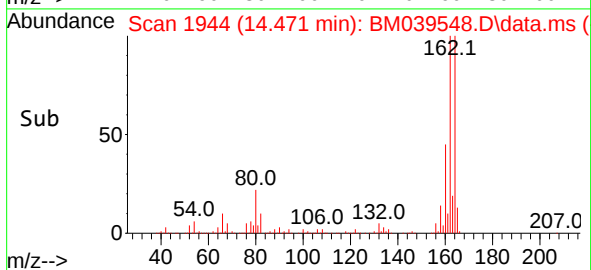
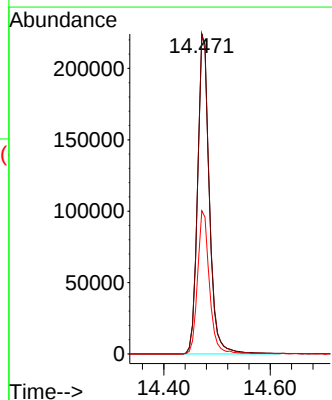
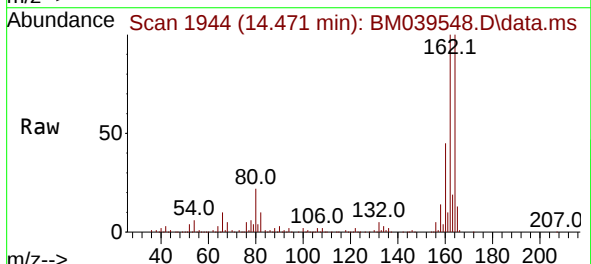
Instrument :
BNA_M
ClientSampleId :
SB-17-7-9-20230410

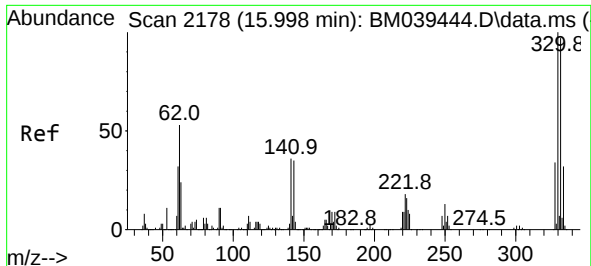
Tgt Ion: 82 Resp: 779022
Ion Ratio Lower Upper
82 100
128 42.0 34.2 51.2
54 49.9 39.7 59.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.471 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BM039548.D
Acq: 21 Apr 2023 12:30

Tgt Ion:164 Resp: 343036
Ion Ratio Lower Upper
164 100
162 100.1 79.8 119.8
160 44.8 35.0 52.4





#42

2,4,6-Tribromophenol

Concen: 83.381 ng

RT: 15.971 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039548.D

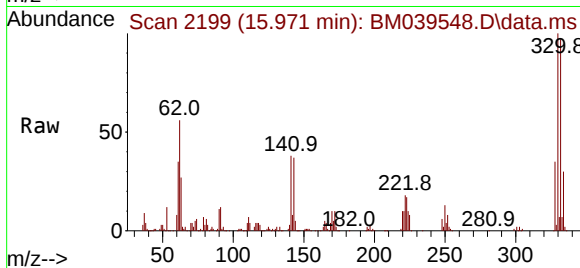
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Instrument :

BNA_M

ClientSampleId :

SB-17-7-9-20230410



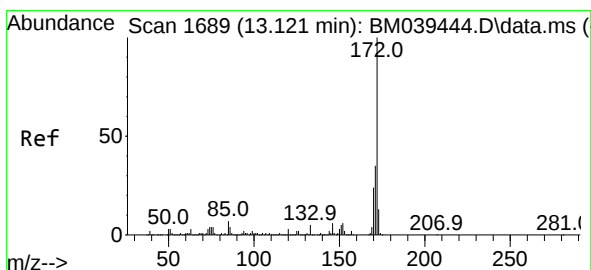
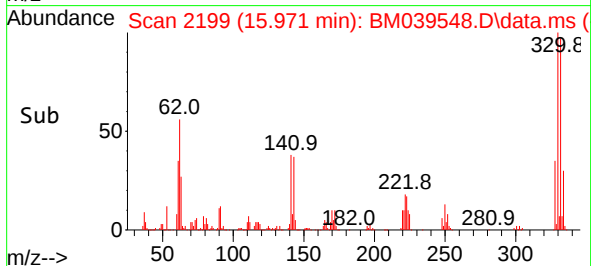
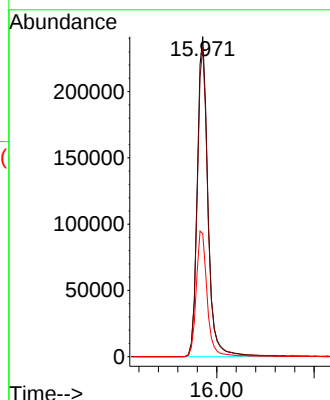
Tgt Ion:330 Resp: 371164

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.2

141 39.5 31.0 46.6



#45

2-Fluorobiphenyl

Concen: 69.130 ng

RT: 13.095 min Scan# 1710

Delta R.T. -0.006 min

Lab File: BM039548.D

Acq: 21 Apr 2023 12:30

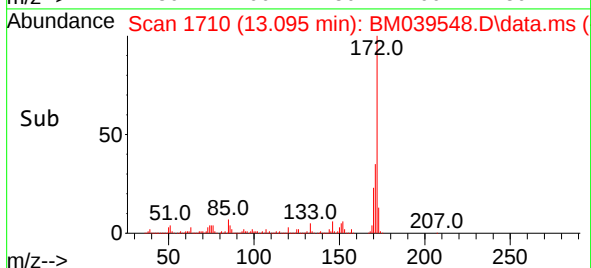
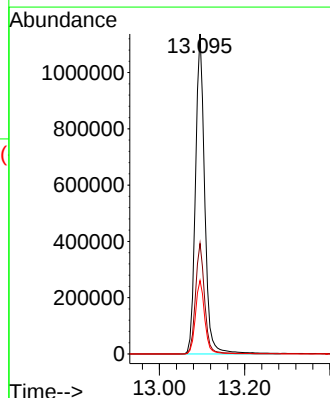
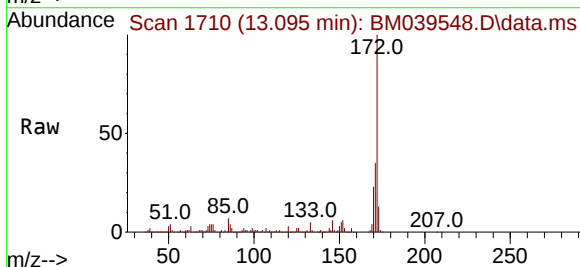
Tgt Ion:172 Resp: 1713908

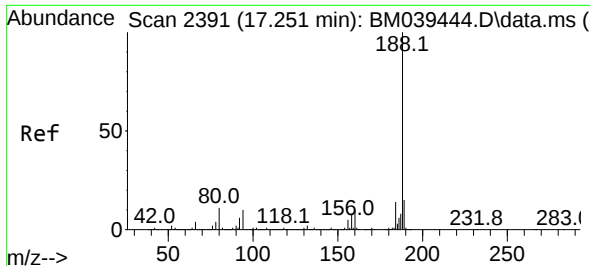
Ion Ratio Lower Upper

172 100

171 34.6 27.8 41.8

170 23.0 19.0 28.4

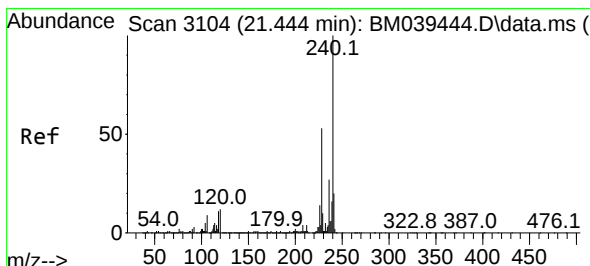
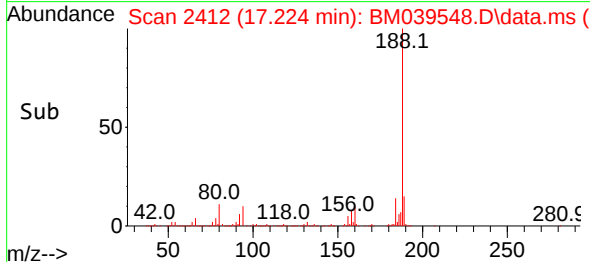
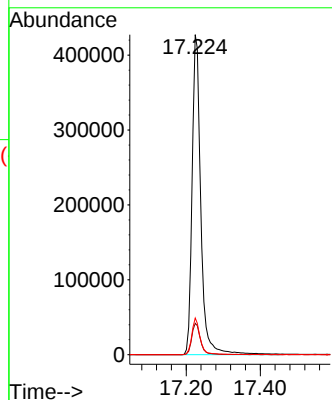
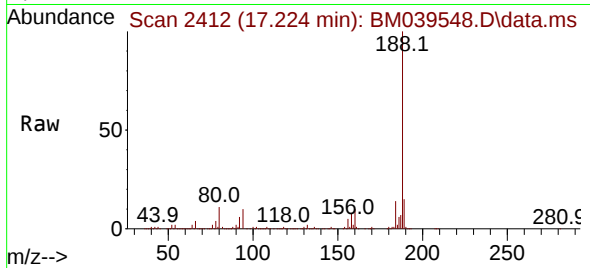




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.224 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BM039548.D
Acq: 21 Apr 2023 12:30

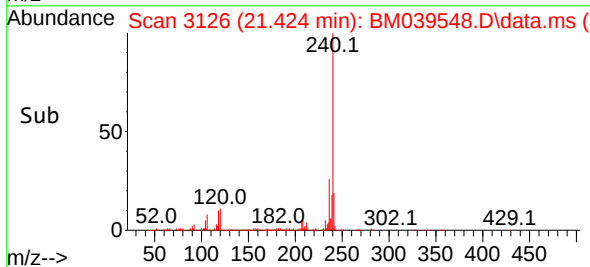
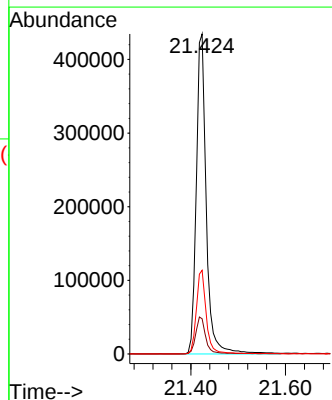
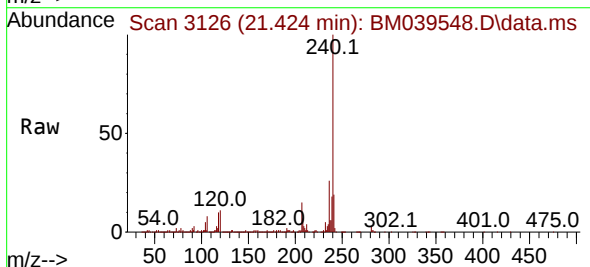
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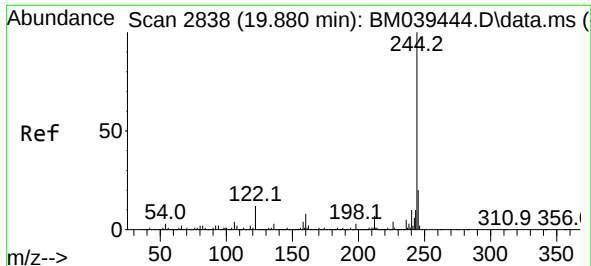
Tgt Ion:188 Resp: 695675
Ion Ratio Lower Upper
188 100
94 9.8 7.9 11.9
80 11.4 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.424 min Scan# 3126
Delta R.T. -0.000 min
Lab File: BM039548.D
Acq: 21 Apr 2023 12:30

Tgt Ion:240 Resp: 636217
Ion Ratio Lower Upper
240 100
120 11.0 9.4 14.2
236 26.2 21.2 31.8

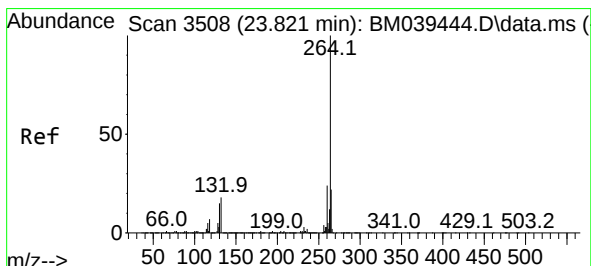
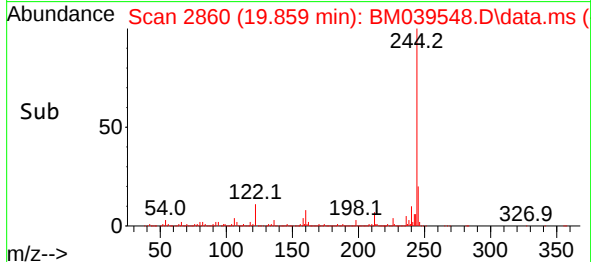
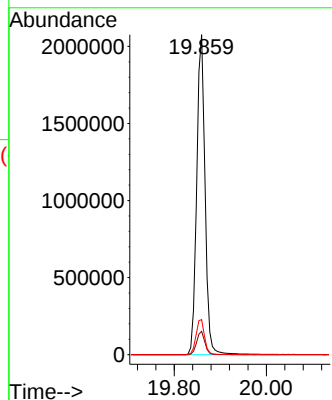
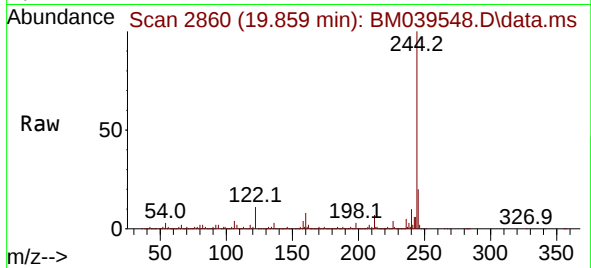




#79
 Terphenyl-d14
 Concen: 73.842 ng
 RT: 19.859 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM039548.D
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Instrument :
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Tgt Ion:244 Resp: 2604126
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 11.0 9.5 14.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.783 min Scan# 3527
 Delta R.T. -0.006 min
 Lab File: BM039548.D
 Acq: 21 Apr 2023 12:30

Tgt Ion:264 Resp: 690831
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 21.7 18.0 27.0

