

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042123\
 Data File : BM039555.D
 Acq On : 21 Apr 2023 17:24
 Operator : CG/JU
 Sample : PB152069TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB152069TB

Quant Time: Apr 22 01:45:47 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	160735	20.000	ng	0.00
21) Naphthalene-d8	10.625	136	613735	20.000	ng	0.00
39) Acenaphthene-d10	14.477	164	341712	20.000	ng	0.00
64) Phenanthrene-d10	17.230	188	665069	20.000	ng	0.00
76) Chrysene-d12	21.418	240	563271	20.000	ng	0.00
86) Perylene-d12	23.783	264	613522	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.390	112	1548941	157.445	ng	0.00
7) Phenol-d6	7.001	99	1886700	130.494	ng	0.00
23) Nitrobenzene-d5	8.989	82	1144132	91.291	ng	0.00
42) 2,4,6-Tribromophenol	15.971	330	533477	120.309	ng	0.00
45) 2-Fluorobiphenyl	13.095	172	2327605	94.248	ng	0.00
79) Terphenyl-d14	19.859	244	3155718	101.071	ng	0.00

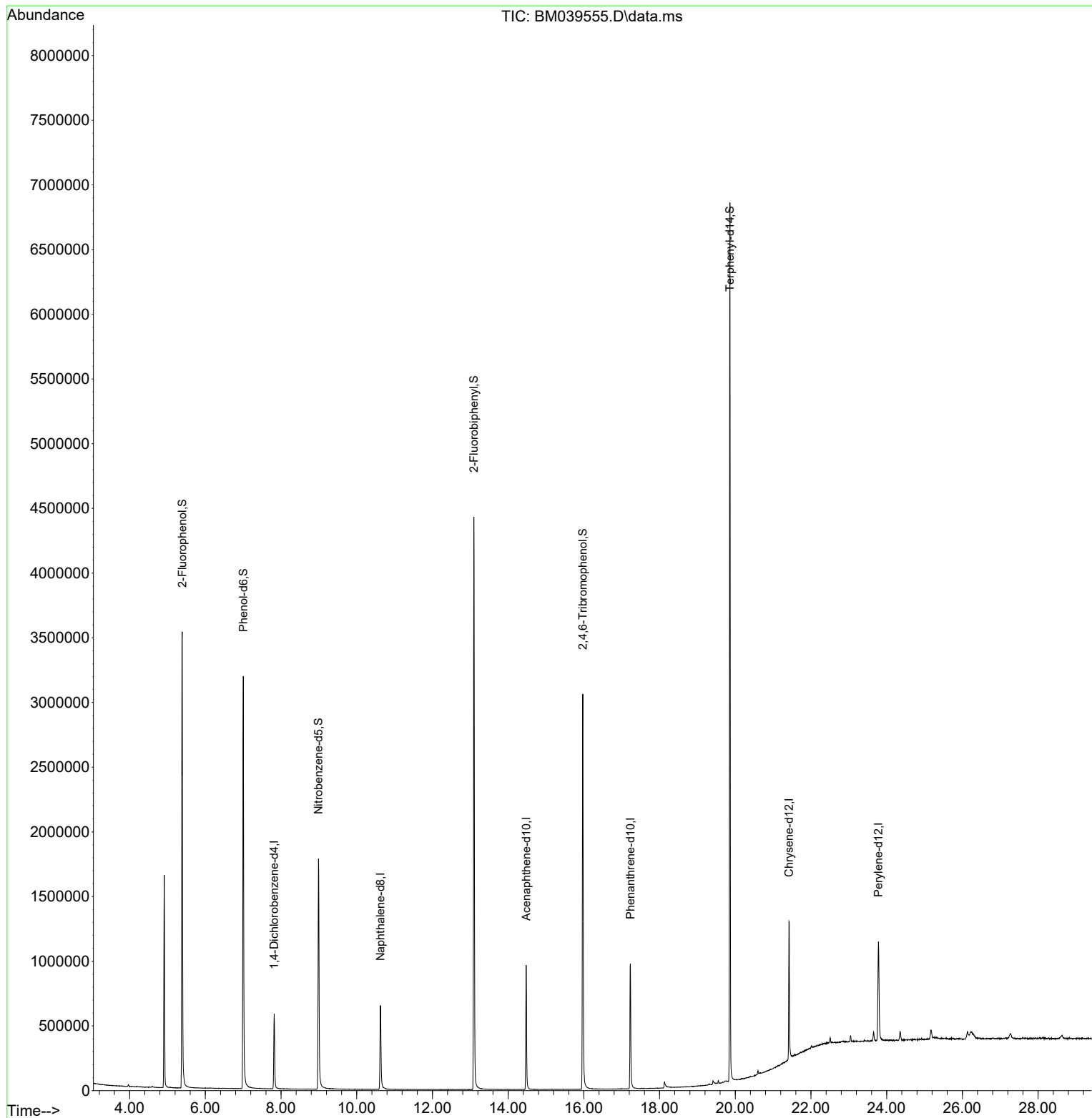
Target Compounds	Qvalue

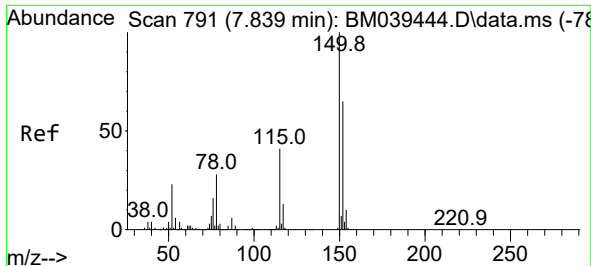
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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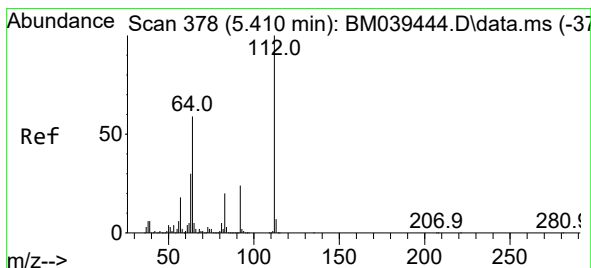
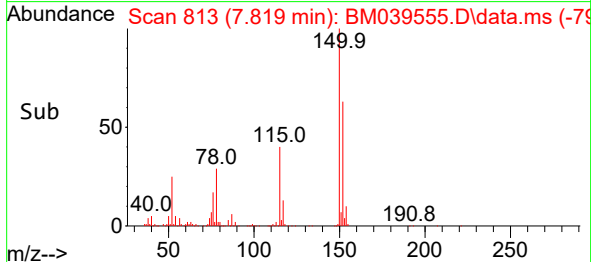
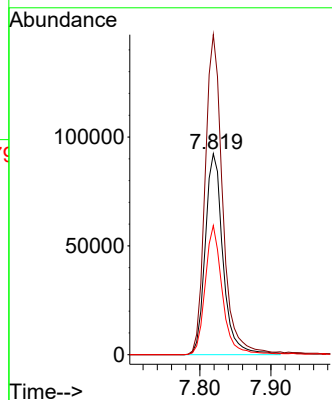
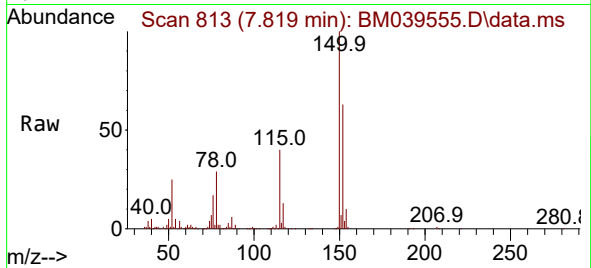




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.819 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM039555.D
Acq: 21 Apr 2023 17:24

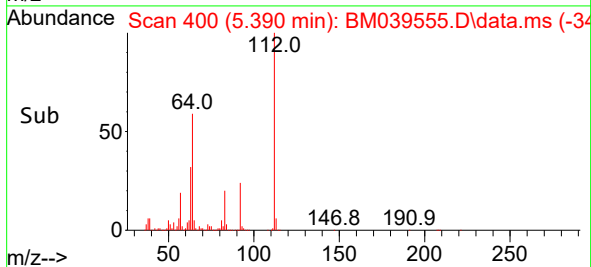
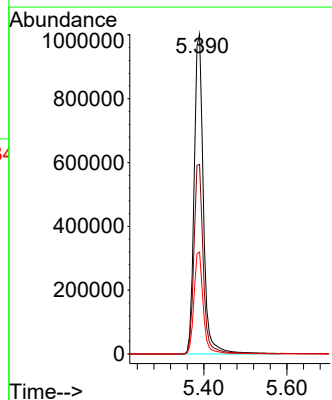
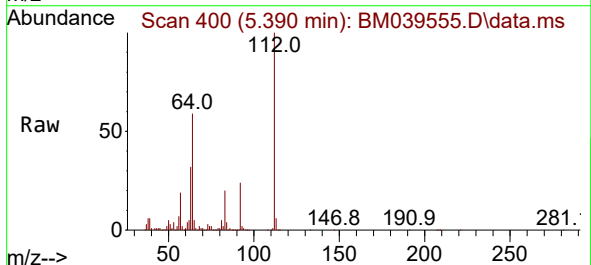
Instrument :
BNA_M
ClientSampleId :
PB152069TB

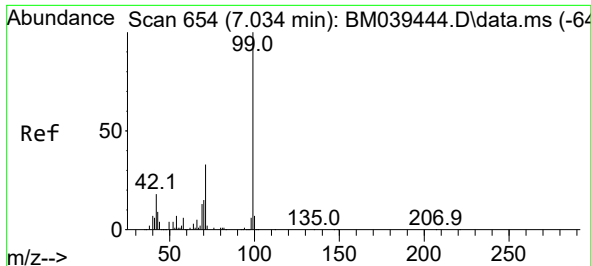
Tgt Ion:152 Resp: 160735
Ion Ratio Lower Upper
152 100
150 159.3 123.0 184.4
115 64.3 49.9 74.9



#5
2-Fluorophenol
Concen: 157.445 ng
RT: 5.390 min Scan# 400
Delta R.T. -0.000 min
Lab File: BM039555.D
Acq: 21 Apr 2023 17:24

Tgt Ion:112 Resp: 1548941
Ion Ratio Lower Upper
112 100
64 59.3 47.0 70.4
63 31.8 24.2 36.4

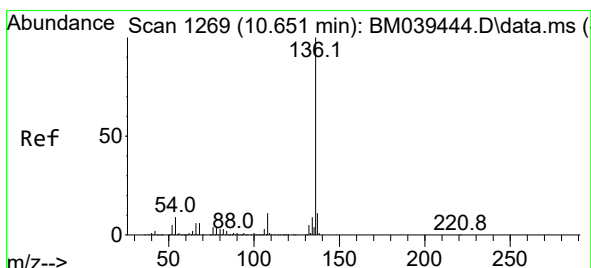
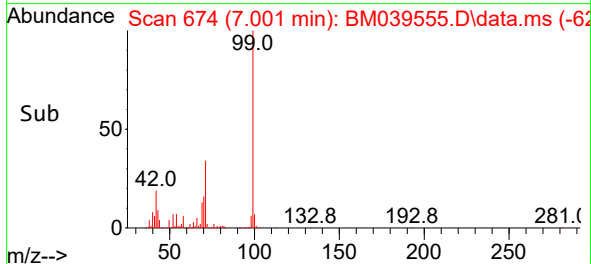
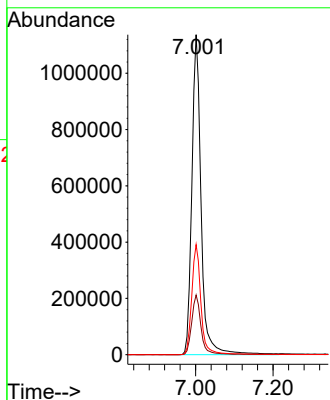
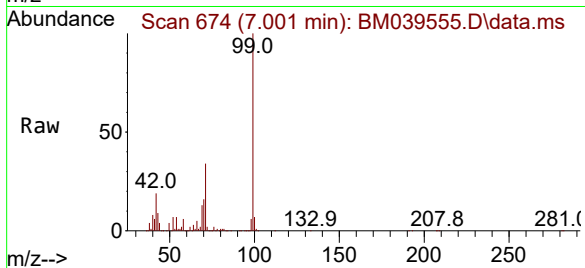




#7
Phenol-d6
Concen: 130.494 ng
RT: 7.001 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM039555.D
Acq: 21 Apr 2023 17:24

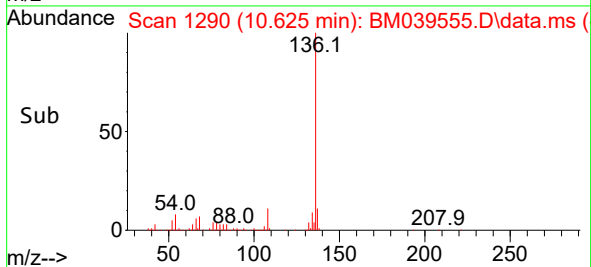
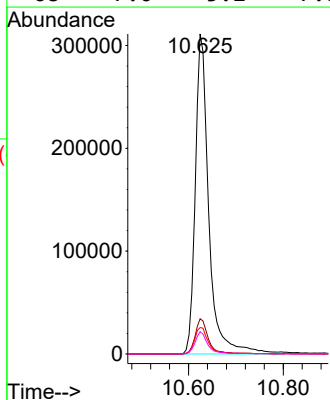
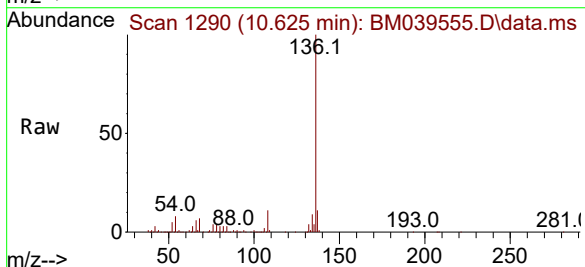
Instrument :
BNA_M
ClientSampleId :
PB152069TB

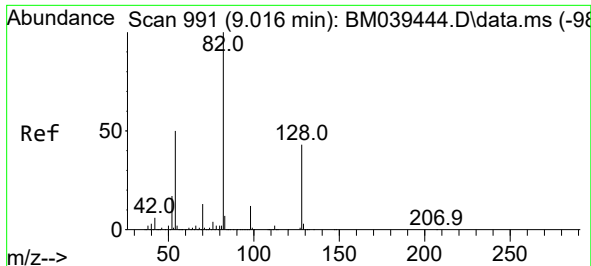
Tgt Ion: 99 Resp: 1886700
Ion Ratio Lower Upper
99 100
42 18.6 14.2 21.4
71 34.4 26.8 40.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.625 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BM039555.D
Acq: 21 Apr 2023 17:24

Tgt Ion: 136 Resp: 613735
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.3 6.9 10.3
68 7.0 5.2 7.8

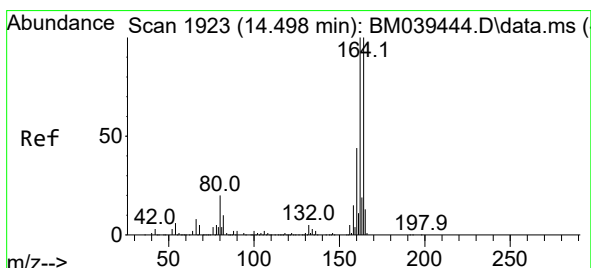
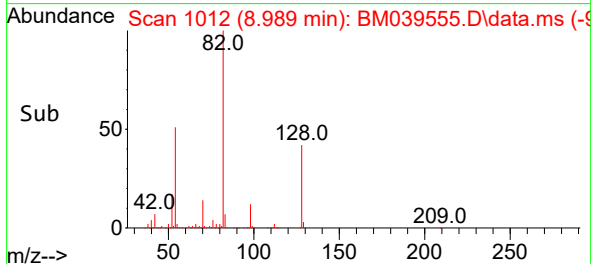
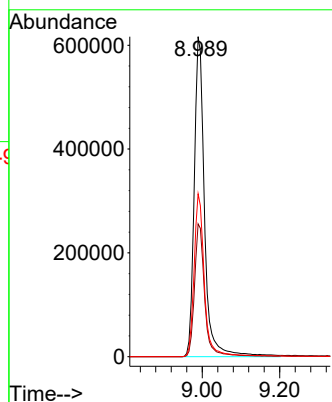
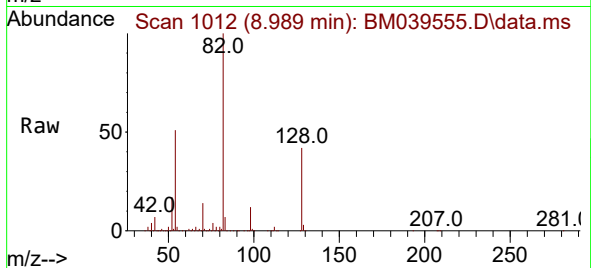




#23
Nitrobenzene-d5
Concen: 91.291 ng
RT: 8.989 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BM039555.D
Acq: 21 Apr 2023 17:24

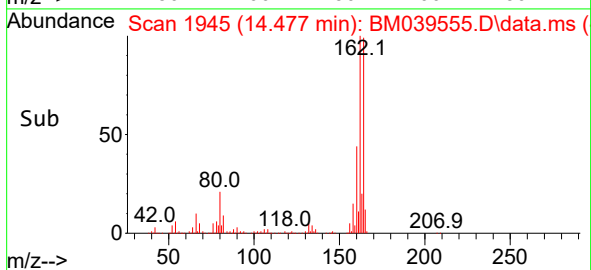
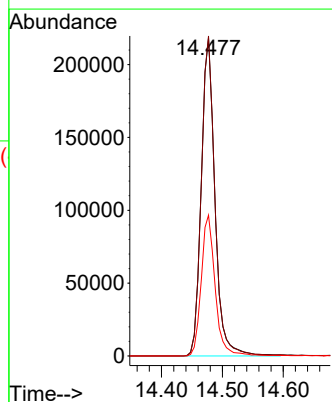
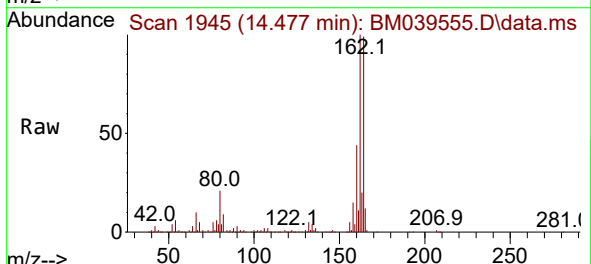
Instrument :
BNA_M
ClientSampleId :
PB152069TB

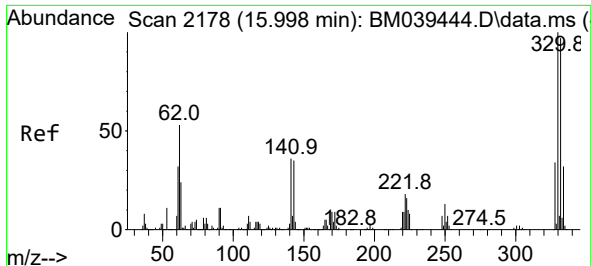
Tgt Ion: 82 Resp: 1144132
Ion Ratio Lower Upper
82 100
128 41.5 34.2 51.2
54 50.9 39.7 59.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.477 min Scan# 1945
Delta R.T. -0.000 min
Lab File: BM039555.D
Acq: 21 Apr 2023 17:24

Tgt Ion:164 Resp: 341712
Ion Ratio Lower Upper
164 100
162 100.6 79.8 119.8
160 44.3 35.0 52.4

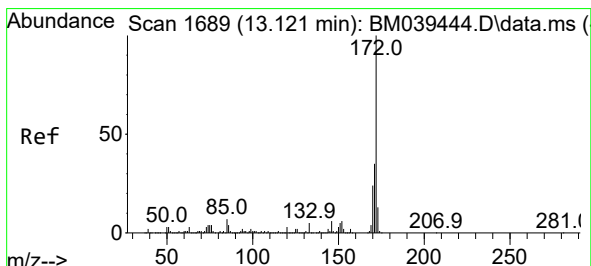
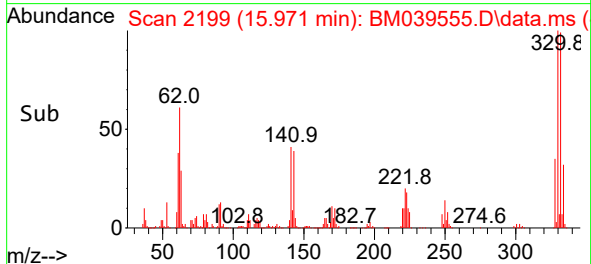
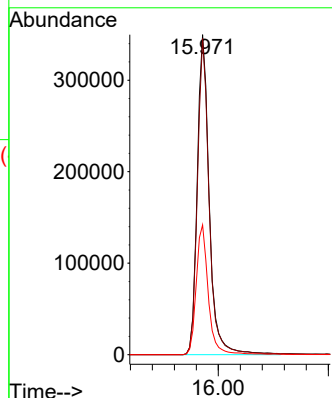
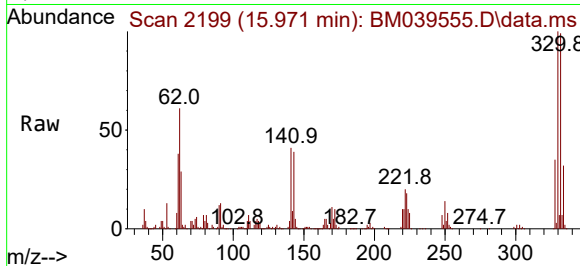




#42
2,4,6-Tribromophenol
Concen: 120.309 ng
RT: 15.971 min Scan# 2178
Delta R.T. -0.006 min
Lab File: BM039555.D
Acq: 21 Apr 2023 17:24

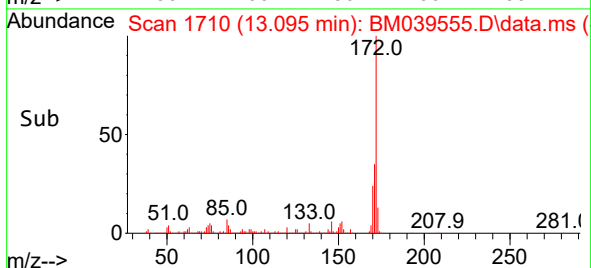
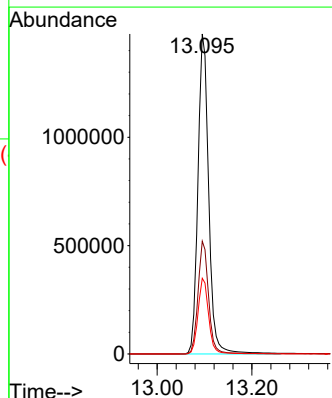
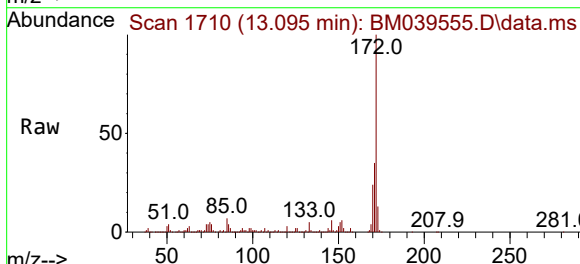
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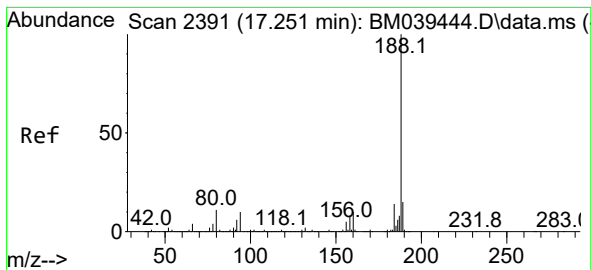
Tgt Ion:330 Resp: 533477
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.2
141 40.5 31.0 46.6



#45
2-Fluorobiphenyl
Concen: 94.248 ng
RT: 13.095 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BM039555.D
Acq: 21 Apr 2023 17:24

Tgt Ion:172 Resp: 2327605
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.8
170 23.6 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.230 min Scan# 2413

Delta R.T. -0.000 min

Lab File: BM039555.D

Acq: 21 Apr 2023 17:24

Instrument :

BNA_M

ClientSampleId :

PB152069TB

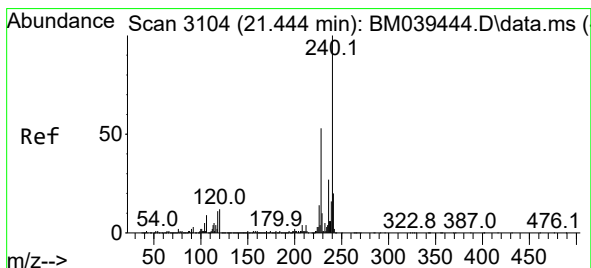
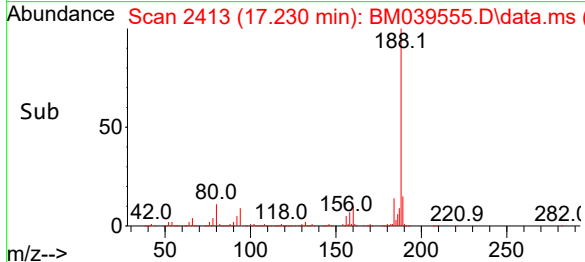
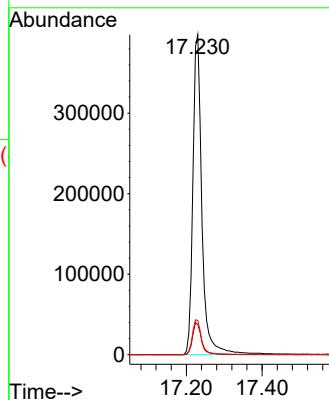
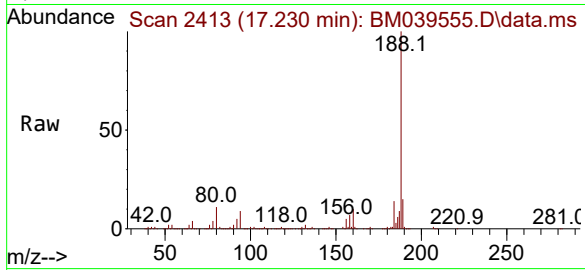
Tgt Ion:188 Resp: 665069

Ion Ratio Lower Upper

188 100

94 9.3 7.9 11.9

80 10.7 8.9 13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.418 min Scan# 3125

Delta R.T. -0.006 min

Lab File: BM039555.D

Acq: 21 Apr 2023 17:24

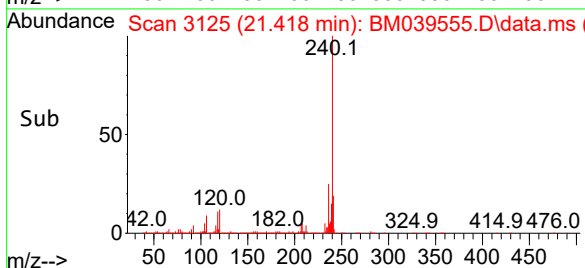
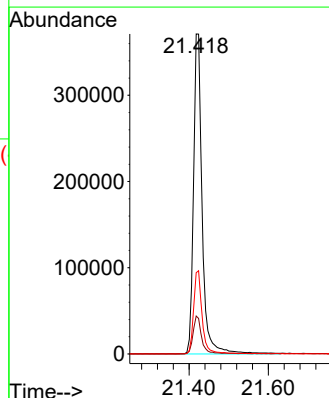
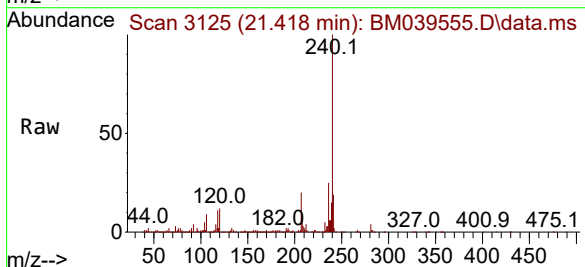
Tgt Ion:240 Resp: 563271

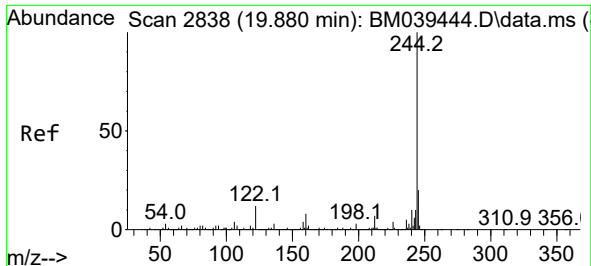
Ion Ratio Lower Upper

240 100

120 11.8 9.4 14.2

236 25.4 21.2 31.8

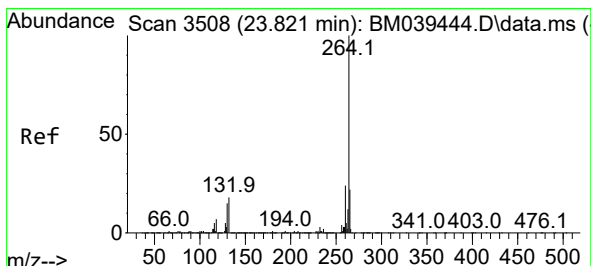
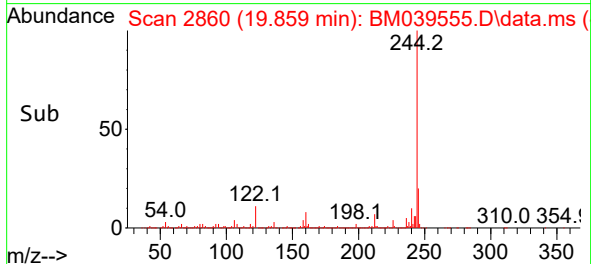
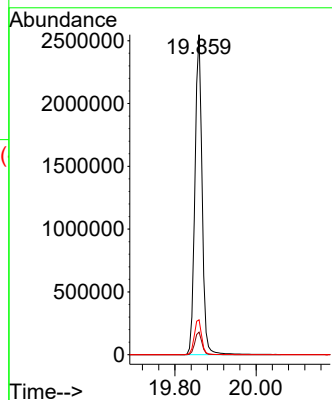
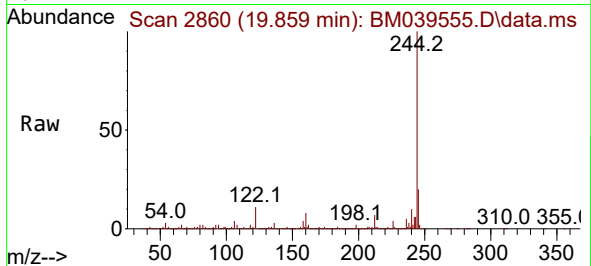




#79
 Terphenyl-d14
 Concen: 101.071 ng
 RT: 19.859 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM039555.D
 Acq: 21 Apr 2023 17:24

Instrument :
 BNA_M
 ClientSampleId :
 PB152069TB

Tgt Ion:244 Resp: 3155718
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 10.9 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: BM039555.D
 Acq: 21 Apr 2023 17:24

Tgt Ion:264 Resp: 613522
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.0 28.6
 265 22.4 18.0 27.0

