

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081423\
 Data File : BM041399.D
 Acq On : 14 Aug 2023 14:15
 Operator : MA/JU
 Sample : PB154790BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154790BL

Quant Time: Aug 14 19:23:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 17:51:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	123345	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	492756	20.000	ng	0.00
39) Acenaphthene-d10	14.439	164	347348	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	822785	20.000	ng	0.00
76) Chrysene-d12	21.409	240	866657	20.000	ng	0.00
86) Perylene-d12	23.774	264	945460	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	1237314	149.927	ng	0.00
7) Phenol-d6	6.957	99	1577432	147.457	ng	0.00
23) Nitrobenzene-d5	8.951	82	937819	88.508	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	779547	158.668	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	2363753	85.966	ng	0.00
79) Terphenyl-d14	19.845	244	4952335	103.318	ng	0.00

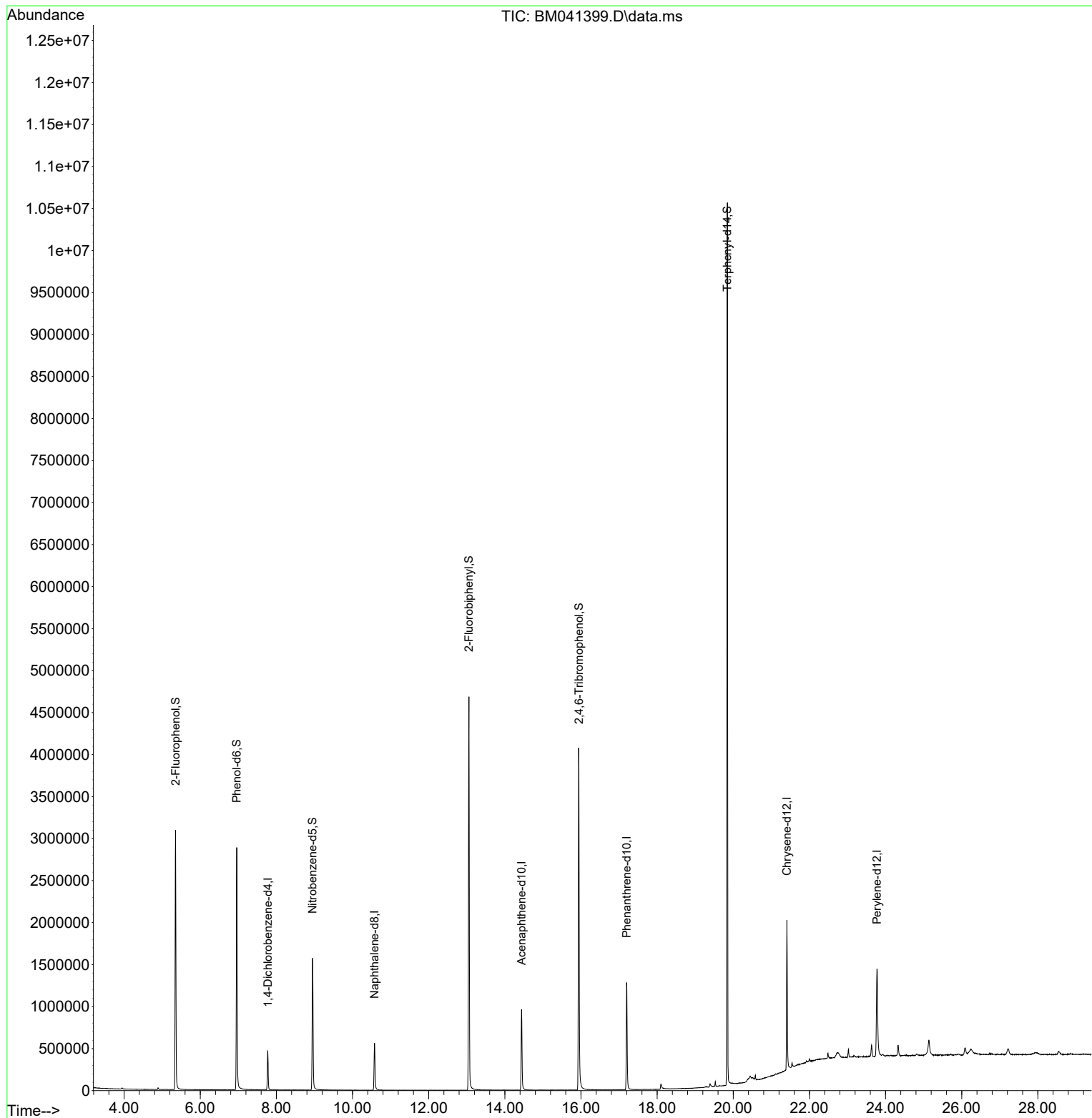
Target Compounds	Qvalue

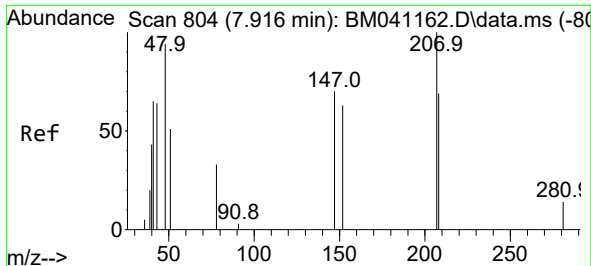
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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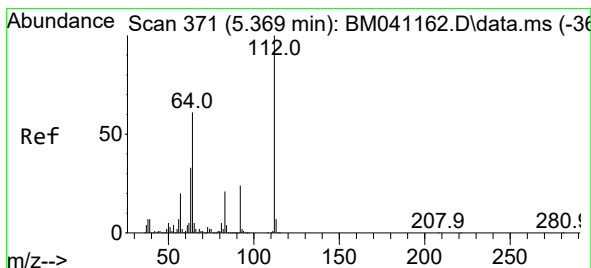
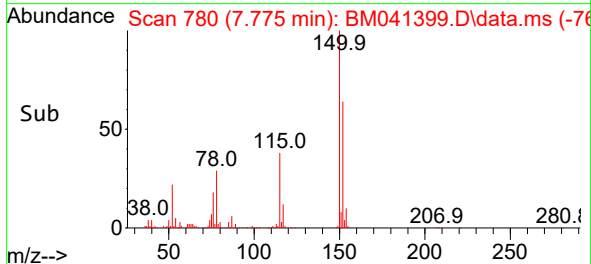
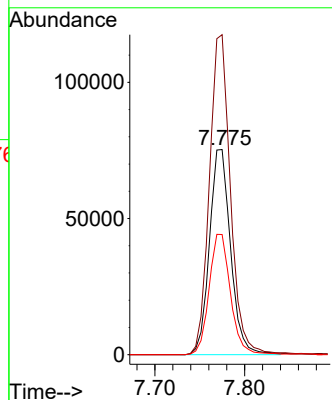
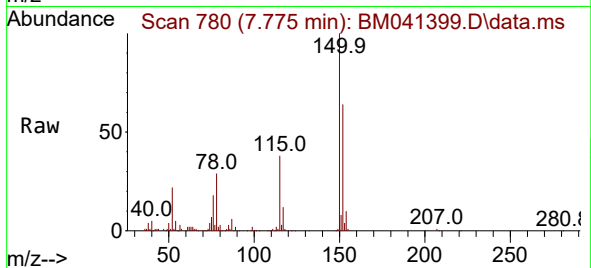




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM041399.D
Acq: 14 Aug 2023 14:15

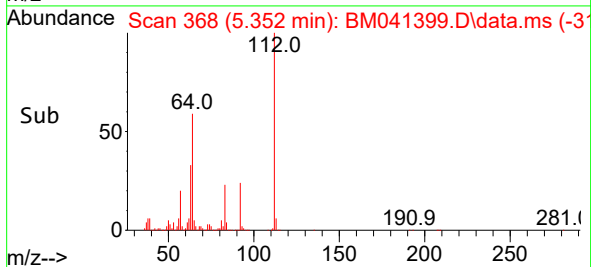
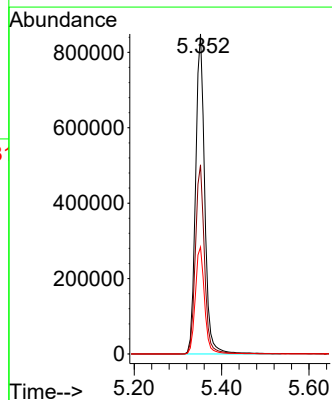
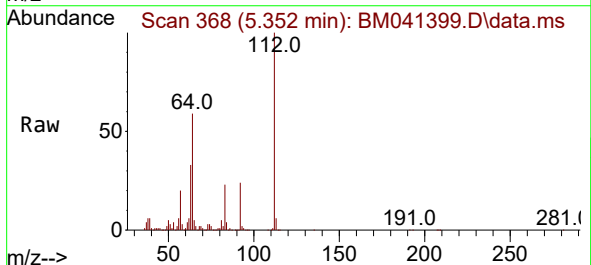
Instrument :
BNA_M
ClientSampleId :
PB154790BL

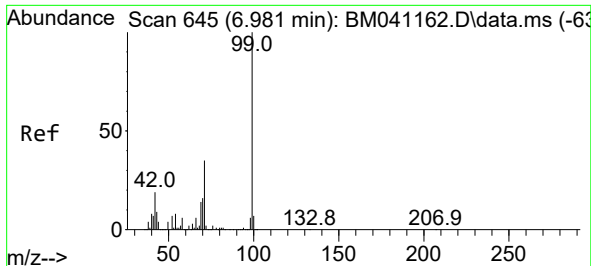
Tgt Ion:152 Resp: 123345
Ion Ratio Lower Upper
152 100
150 156.0 125.5 188.3
115 58.6 48.0 72.0



#5
2-Fluorophenol
Concen: 149.927 ng
RT: 5.352 min Scan# 368
Delta R.T. 0.006 min
Lab File: BM041399.D
Acq: 14 Aug 2023 14:15

Tgt Ion:112 Resp: 1237314
Ion Ratio Lower Upper
112 100
64 59.1 48.5 72.7
63 33.4 26.5 39.7



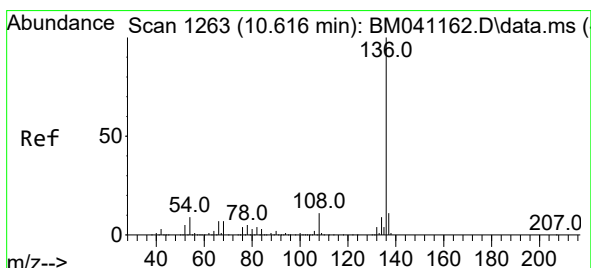
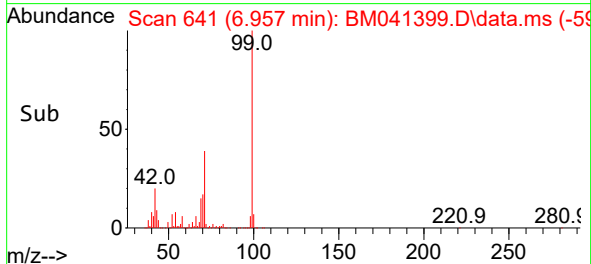
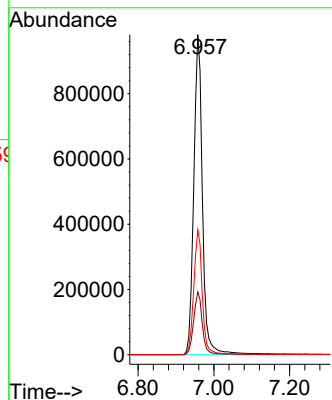
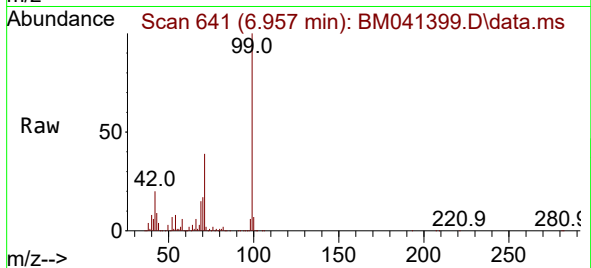


#7
Phenol-d6
Concen: 147.457 ng
RT: 6.957 min Scan# 641
Delta R.T. -0.000 min
Lab File: BM041399.D
Acq: 14 Aug 2023 14:15

Instrument :
BNA_M
ClientSampleId :
PB154790BL

Tgt Ion: 99 Resp: 1577432

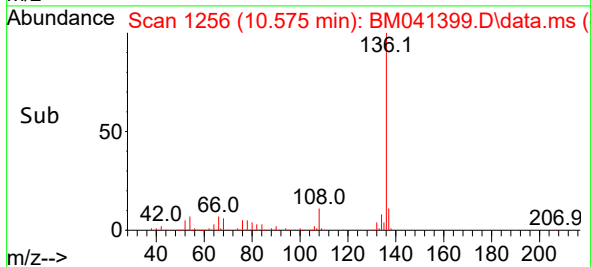
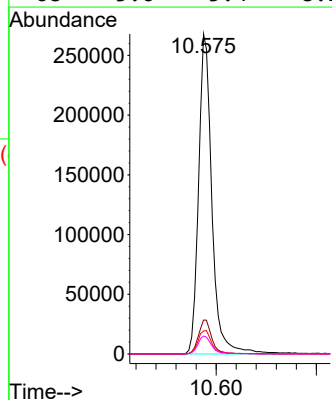
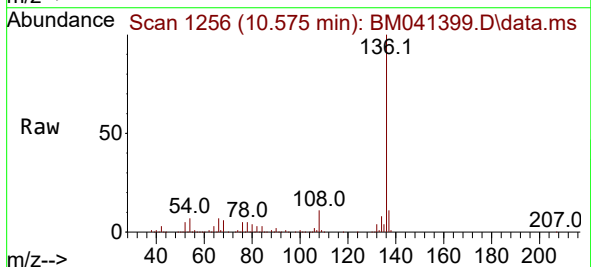
Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.4	23.0
71	39.0	28.2	42.4

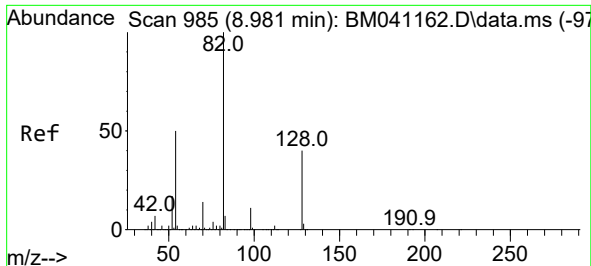


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1256
Delta R.T. -0.006 min
Lab File: BM041399.D
Acq: 14 Aug 2023 14:15

Tgt Ion: 136 Resp: 492756

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.2	6.9	10.3
68	5.6	5.4	8.2





#23

Nitrobenzene-d5

Concen: 88.508 ng

RT: 8.951 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM041399.D

Acq: 14 Aug 2023 14:15

Instrument :

BNA_M

ClientSampleId :

PB154790BL

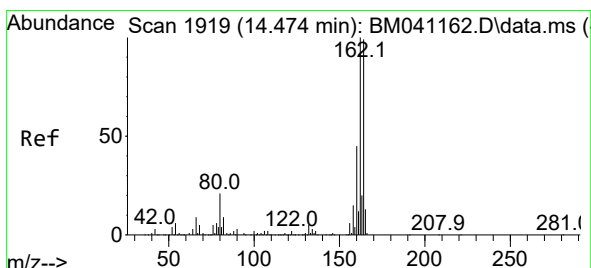
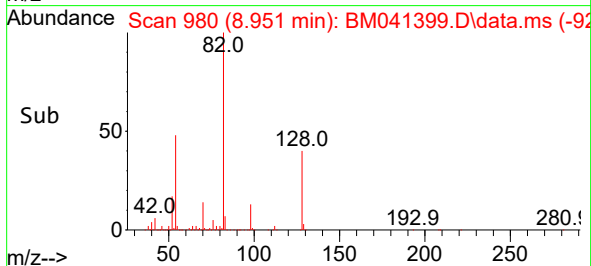
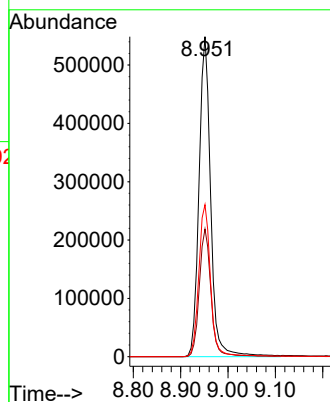
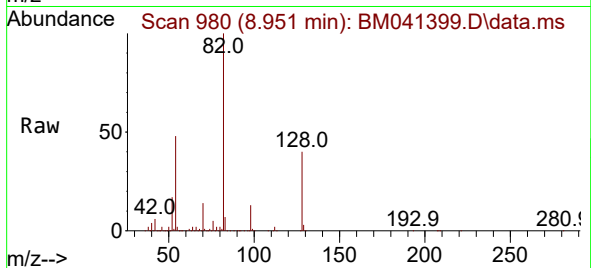
Tgt Ion: 82 Resp: 937819

Ion Ratio Lower Upper

82 100

128 39.9 31.8 47.6

54 47.5 40.1 60.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.439 min Scan# 1913

Delta R.T. -0.000 min

Lab File: BM041399.D

Acq: 14 Aug 2023 14:15

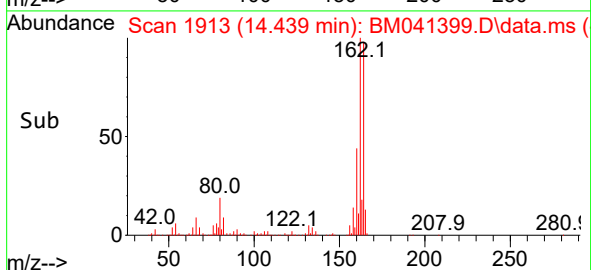
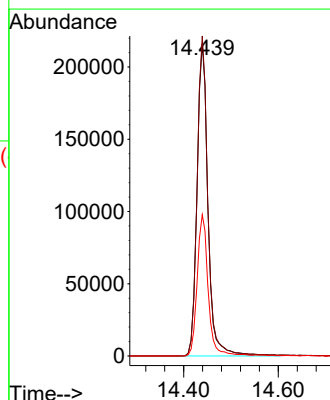
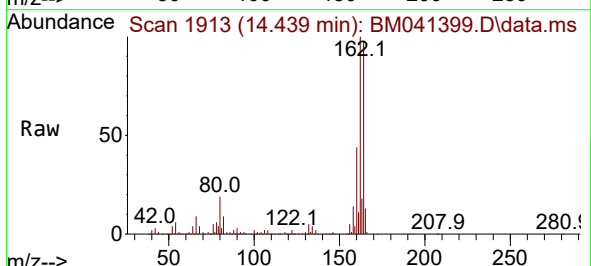
Tgt Ion: 164 Resp: 347348

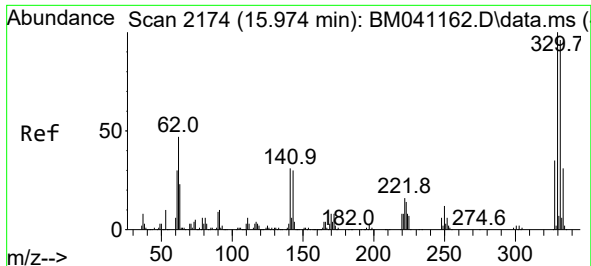
Ion Ratio Lower Upper

164 100

162 102.5 80.4 120.6

160 45.2 36.2 54.2

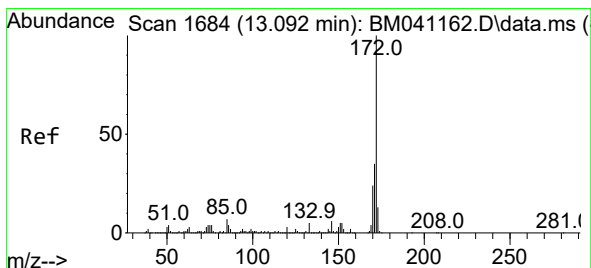
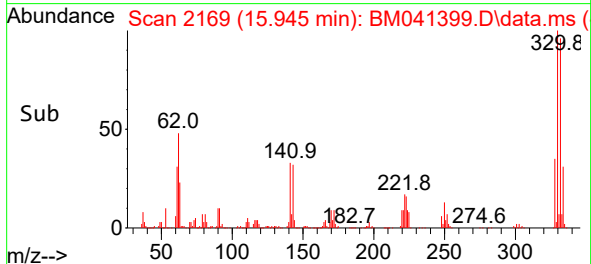
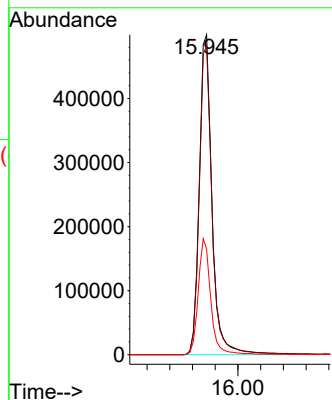
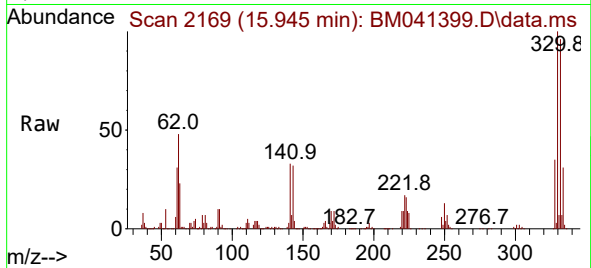




#42
2,4,6-Tribromophenol
Concen: 158.668 ng
RT: 15.945 min Scan# 2174
Delta R.T. -0.000 min
Lab File: BM041399.D
Acq: 14 Aug 2023 14:15

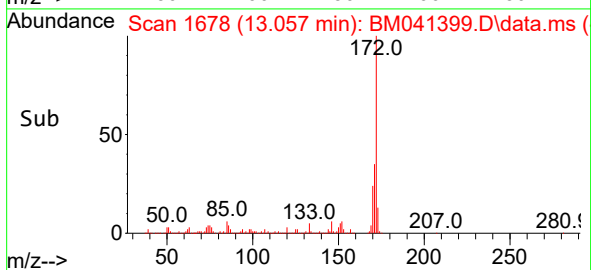
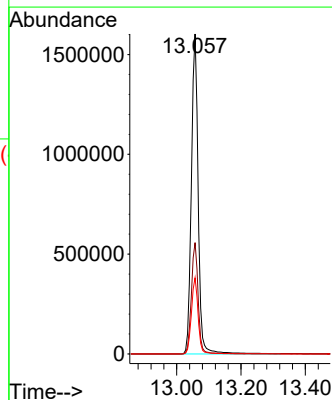
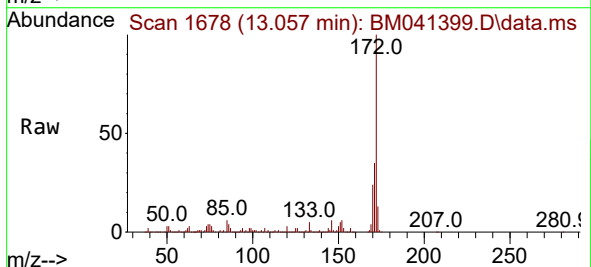
Instrument :
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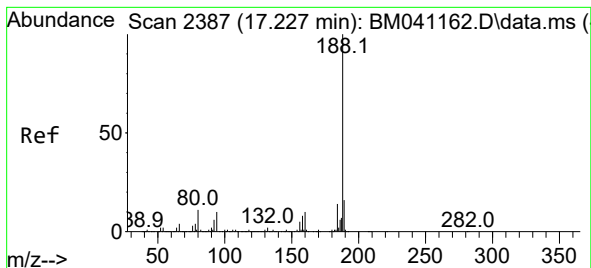
Tgt Ion:330 Resp: 779547
Ion Ratio Lower Upper
330 100
332 97.4 77.7 116.5
141 35.8 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 85.966 ng
RT: 13.057 min Scan# 1678
Delta R.T. -0.000 min
Lab File: BM041399.D
Acq: 14 Aug 2023 14:15

Tgt Ion:172 Resp: 2363753
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 23.8 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.198 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041399.D

Acq: 14 Aug 2023 14:15

Instrument :

BNA_M

ClientSampleId :

PB154790BL

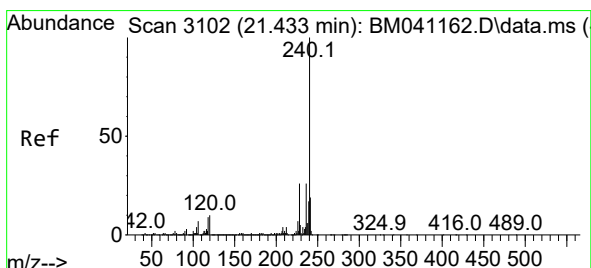
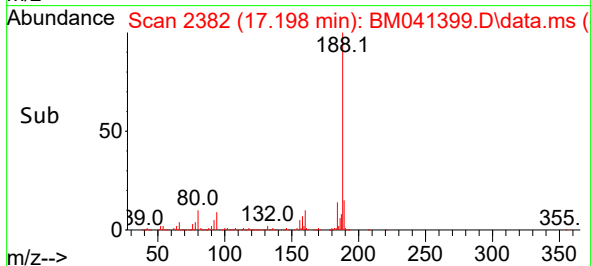
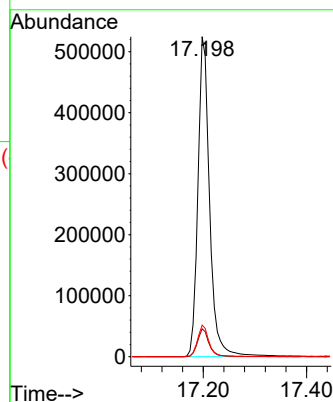
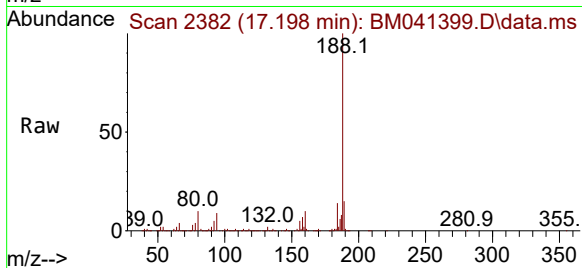
Tgt Ion:188 Resp: 822785

Ion Ratio Lower Upper

188 100

94 8.7 8.2 12.2

80 9.8 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.409 min Scan# 3098

Delta R.T. -0.006 min

Lab File: BM041399.D

Acq: 14 Aug 2023 14:15

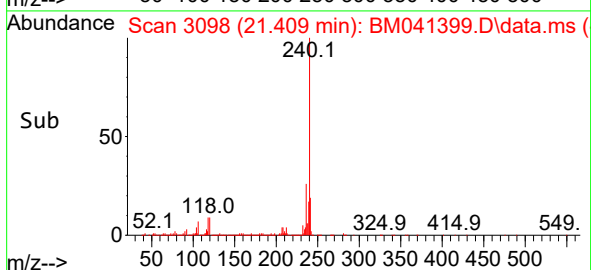
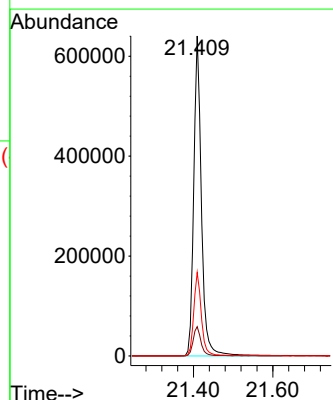
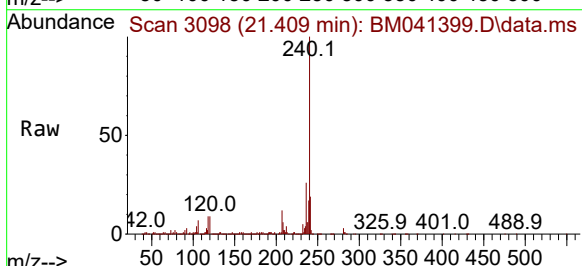
Tgt Ion:240 Resp: 866657

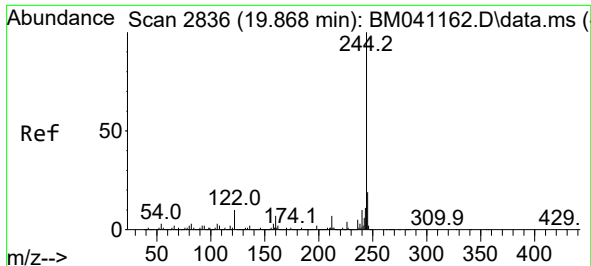
Ion Ratio Lower Upper

240 100

120 9.1 8.3 12.5

236 26.1 20.6 30.8

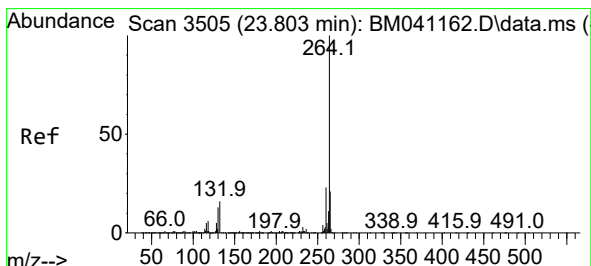
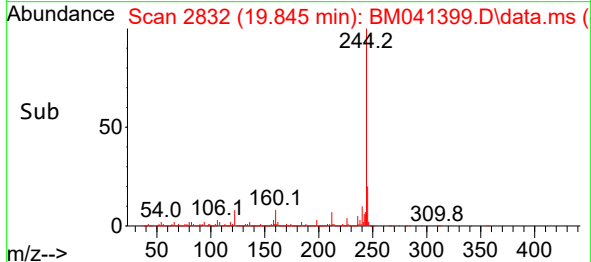
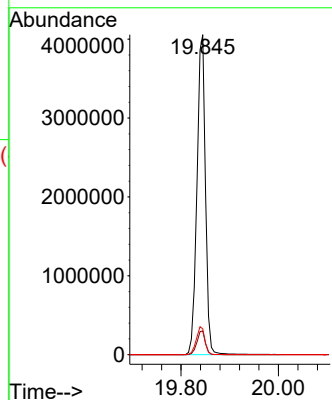
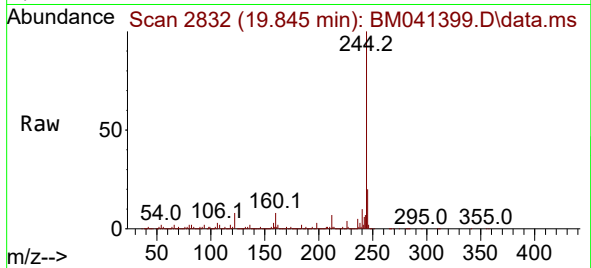




#79
 Terphenyl-d14
 Concen: 103.318 ng
 RT: 19.845 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM041399.D
 Acq: 14 Aug 2023 14:15

Instrument :
 BNA_M
 ClientSampleId :
 PB154790BL

Tgt Ion:244 Resp: 4952335
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.2
 122 8.0 7.8 11.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.774 min Scan# 3500
 Delta R.T. -0.006 min
 Lab File: BM041399.D
 Acq: 14 Aug 2023 14:15

Tgt Ion:264 Resp: 945460
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.5 27.7
 265 22.0 17.4 26.0

