

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081023\
 Data File : BM041357.D
 Acq On : 10 Aug 2023 11:10
 Operator : MA/JU
 Sample : PB154720BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154720BL

Quant Time: Aug 11 03:31:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 09 12:20:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	164644	20.000	ng	0.00
21) Naphthalene-d8	10.586	136	636932	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	438173	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	1044628	20.000	ng	0.00
76) Chrysene-d12	21.415	240	1062903	20.000	ng	0.00
86) Perylene-d12	23.786	264	1159558	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	965215	87.619	ng	0.00
7) Phenol-d6	6.963	99	1154675	80.863	ng	0.00
23) Nitrobenzene-d5	8.957	82	1136332	82.967	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	611597	98.681	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	2792679	80.513	ng	0.00
79) Terphenyl-d14	19.851	244	5724078	97.370	ng	0.00

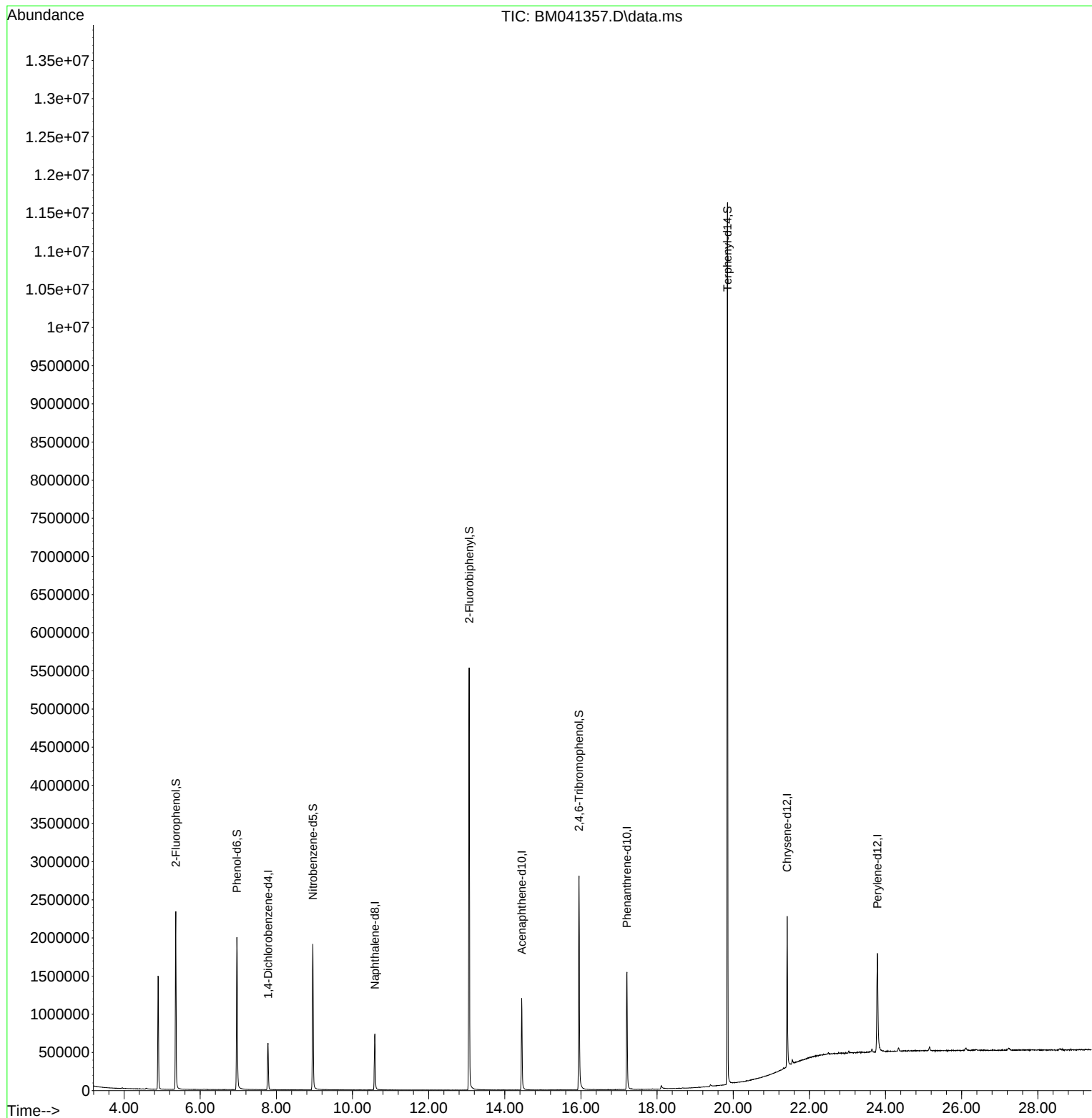
Target Compounds	Qvalue

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

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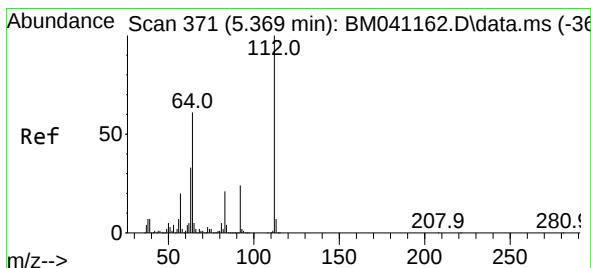
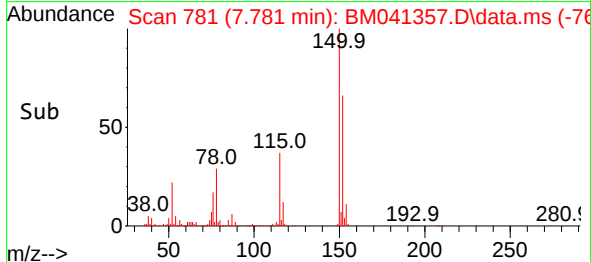
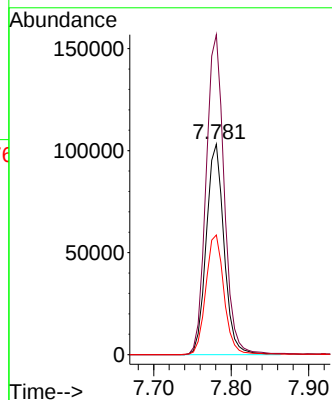
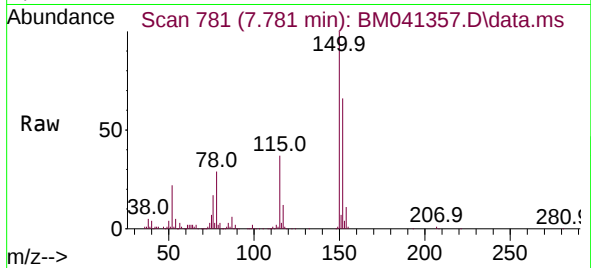




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.781 min Scan# 781
Delta R.T. 0.006 min
Lab File: BM041357.D
Acq: 10 Aug 2023 11:10

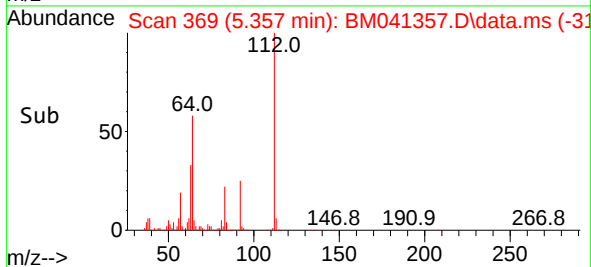
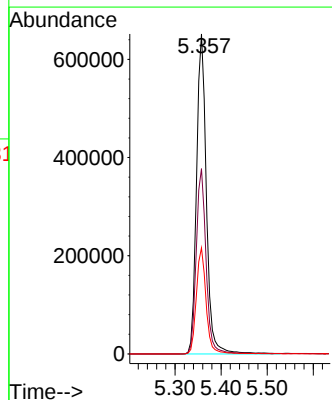
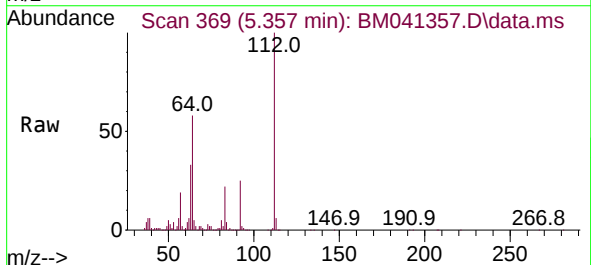
Instrument :
BNA_M
ClientSampleId :
PB154720BL

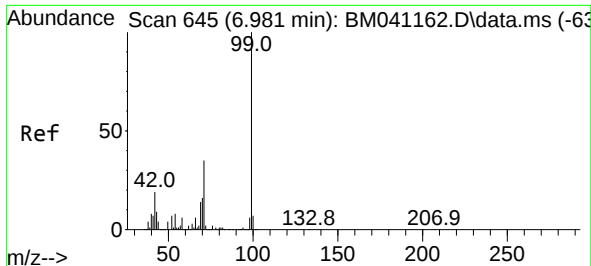
Tgt Ion:152 Resp: 164644
Ion Ratio Lower Upper
152 100
150 152.0 125.5 188.3
115 56.8 48.0 72.0



#5
2-Fluorophenol
Concen: 87.619 ng
RT: 5.357 min Scan# 369
Delta R.T. -0.000 min
Lab File: BM041357.D
Acq: 10 Aug 2023 11:10

Tgt Ion:112 Resp: 965215
Ion Ratio Lower Upper
112 100
64 57.9 48.5 72.7
63 33.1 26.5 39.7

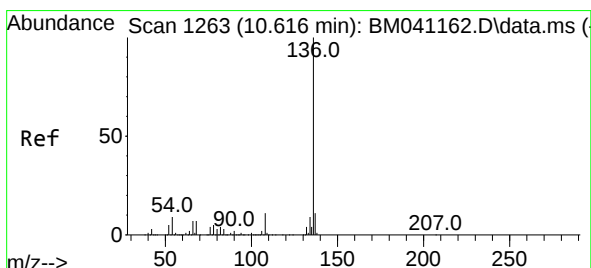
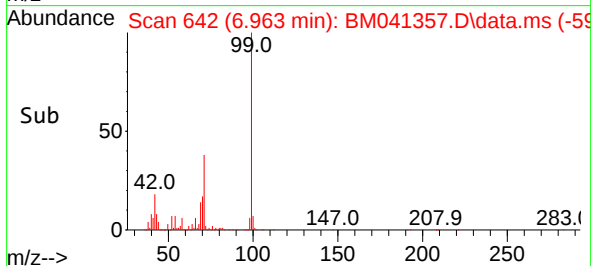
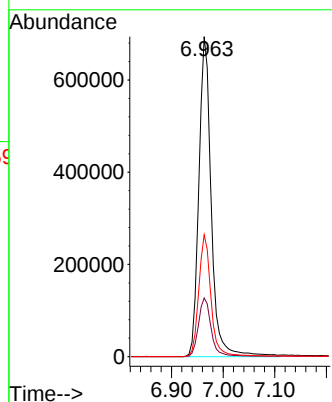
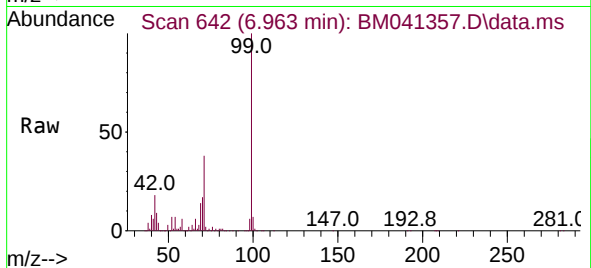




#7
Phenol-d6
Concen: 80.863 ng
RT: 6.963 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM041357.D
Acq: 10 Aug 2023 11:10

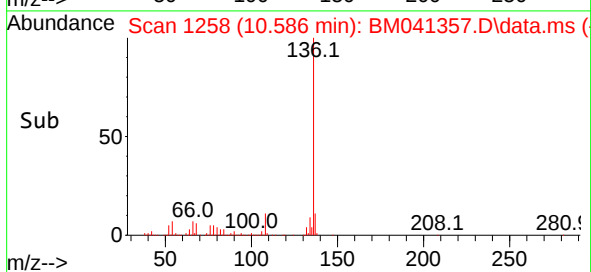
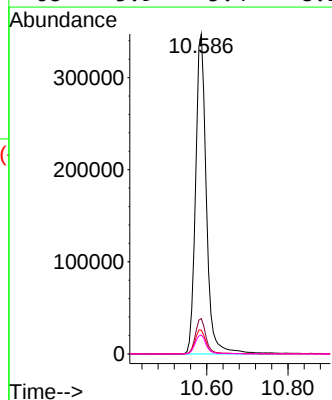
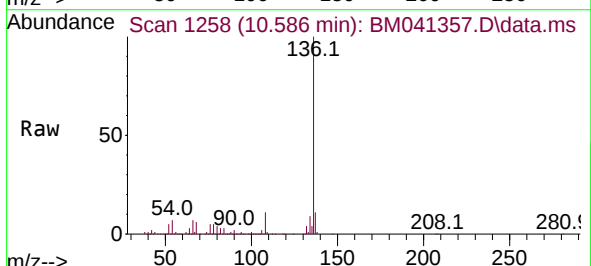
Instrument :
BNA_M
ClientSampleId :
PB154720BL

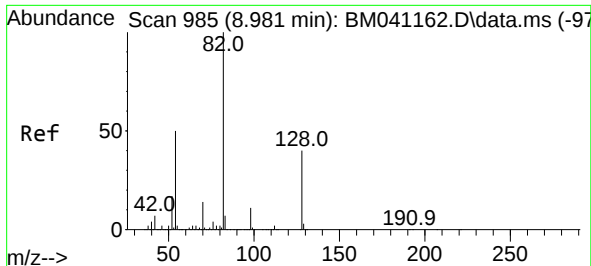
Tgt Ion: 99 Resp: 1154675
Ion Ratio Lower Upper
99 100
42 18.3 15.4 23.0
71 38.1 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.586 min Scan# 1258
Delta R.T. -0.000 min
Lab File: BM041357.D
Acq: 10 Aug 2023 11:10

Tgt Ion:136 Resp: 636932
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.5 6.9 10.3
68 5.9 5.4 8.2

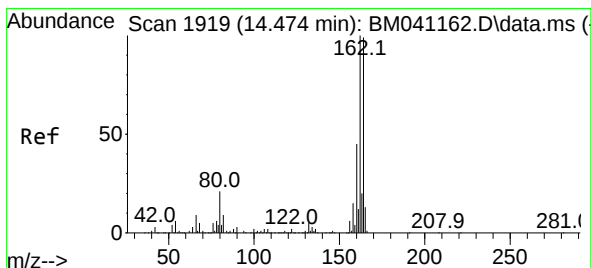
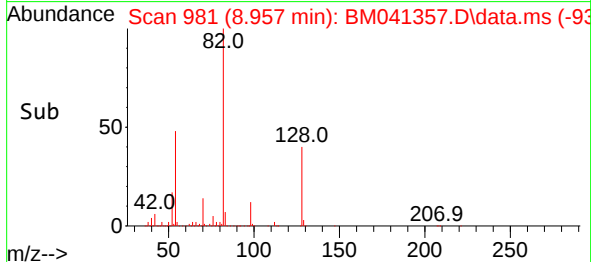
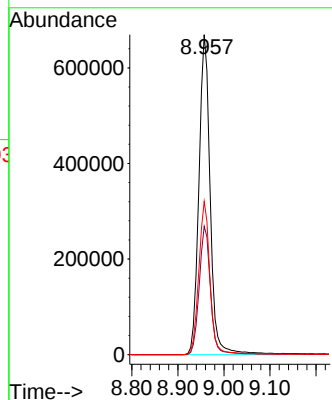
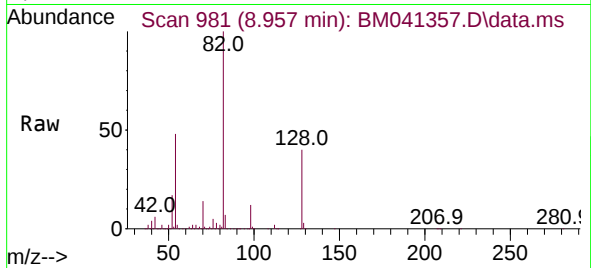




#23
Nitrobenzene-d5
Concen: 82.967 ng
RT: 8.957 min Scan# 981
Delta R.T. -0.000 min
Lab File: BM041357.D
Acq: 10 Aug 2023 11:10

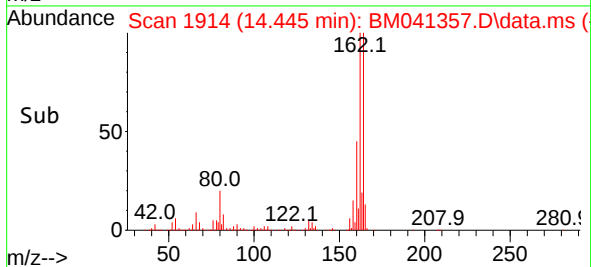
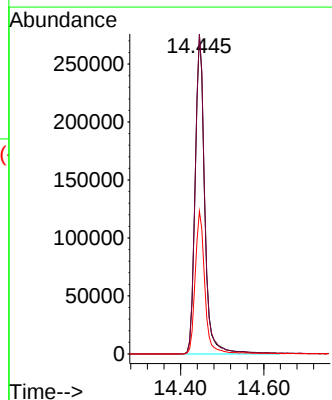
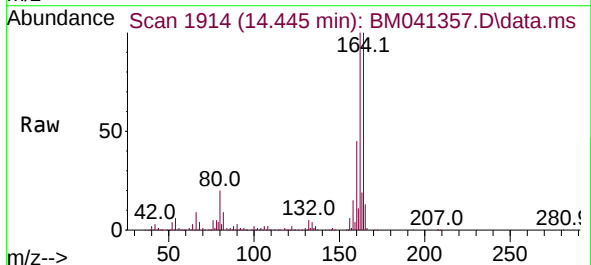
Instrument :
BNA_M
ClientSampleId :
PB154720BL

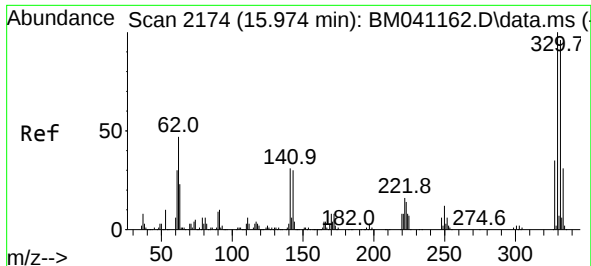
Tgt Ion: 82 Resp: 1136332
Ion Ratio Lower Upper
82 100
128 40.1 31.8 47.6
54 47.9 40.1 60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1914
Delta R.T. -0.000 min
Lab File: BM041357.D
Acq: 10 Aug 2023 11:10

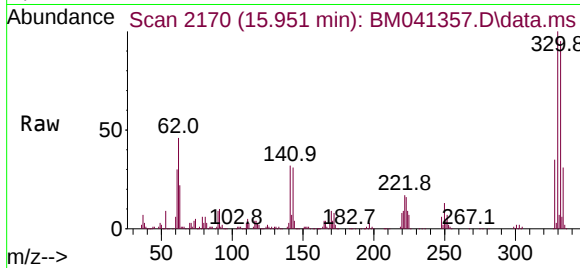
Tgt Ion: 164 Resp: 438173
Ion Ratio Lower Upper
164 100
162 100.4 80.4 120.6
160 44.8 36.2 54.2



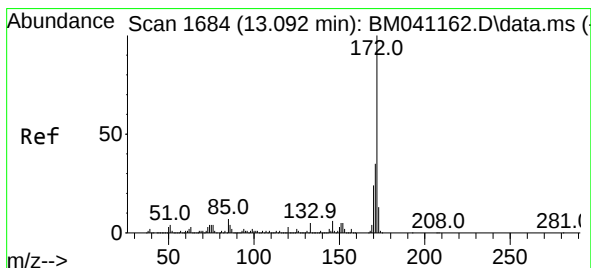
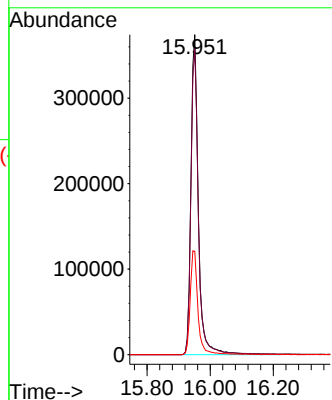
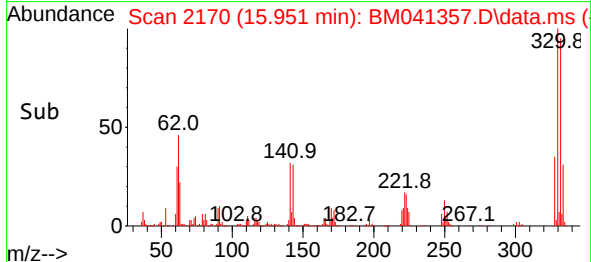


#42
2,4,6-Tribromophenol
Concen: 98.681 ng
RT: 15.951 min Scan# 2174
Delta R.T. -0.000 min
Lab File: BM041357.D
Acq: 10 Aug 2023 11:10

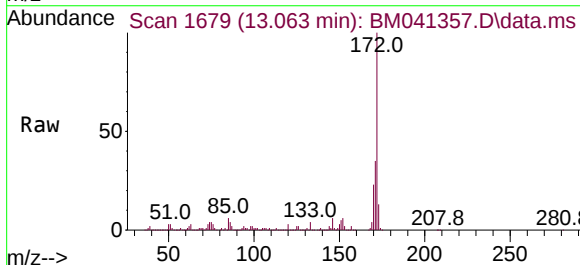
Instrument :
BNA_M
ClientSampleId :
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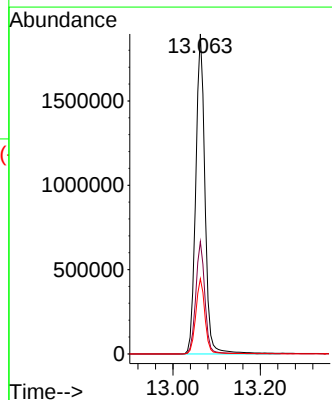
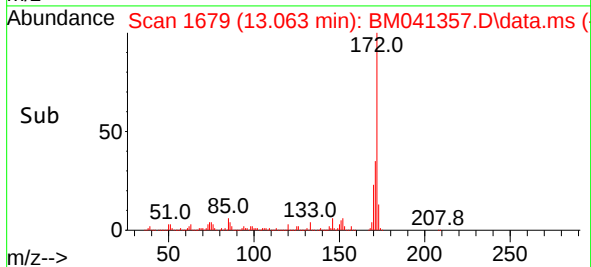
Tgt Ion:330 Resp: 611597
Ion Ratio Lower Upper
330 100
332 95.7 77.7 116.5
141 33.6 28.3 42.5

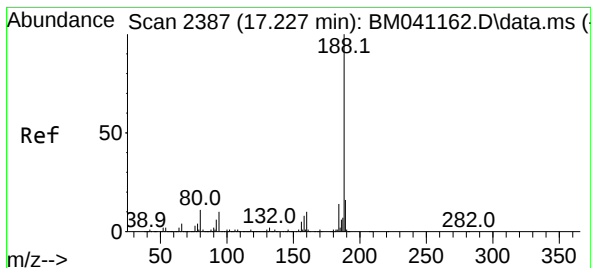


#45
2-Fluorobiphenyl
Concen: 80.513 ng
RT: 13.063 min Scan# 1679
Delta R.T. -0.000 min
Lab File: BM041357.D
Acq: 10 Aug 2023 11:10



Tgt Ion:172 Resp: 2792679
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.5 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.210 min Scan# 2387

Delta R.T. -0.000 min

Lab File: BM041357.D

Acq: 10 Aug 2023 11:10

Instrument :

BNA_M

ClientSampleId :

PB154720BL

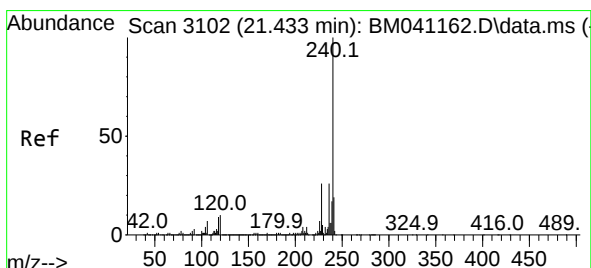
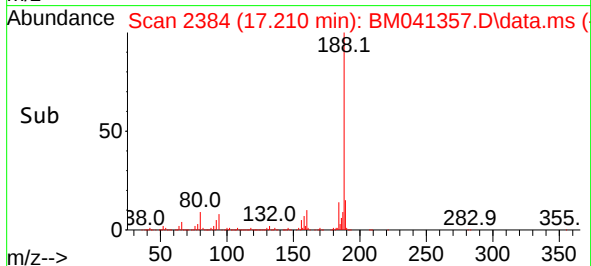
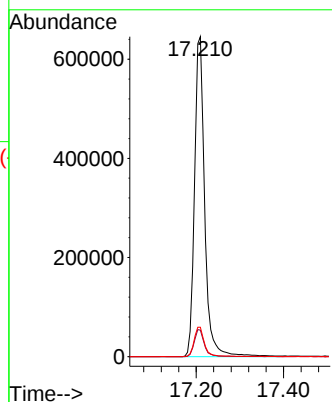
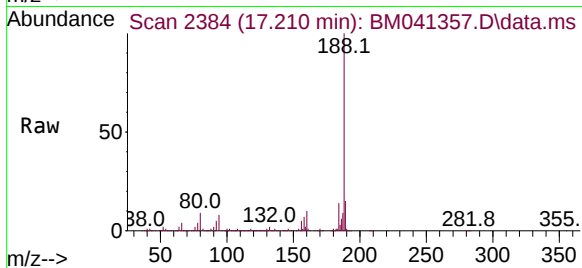
Tgt Ion:188 Resp: 1044628

Ion Ratio Lower Upper

188 100

94 8.3 8.2 12.2

80 9.2 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.415 min Scan# 3099

Delta R.T. -0.000 min

Lab File: BM041357.D

Acq: 10 Aug 2023 11:10

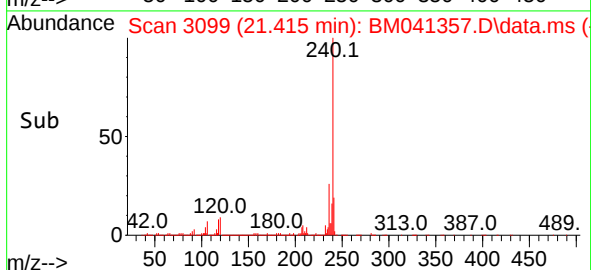
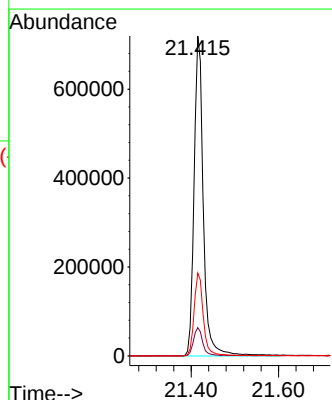
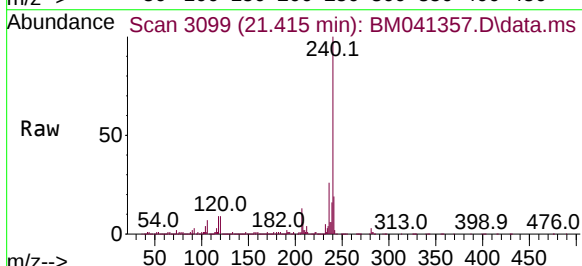
Tgt Ion:240 Resp: 1062903

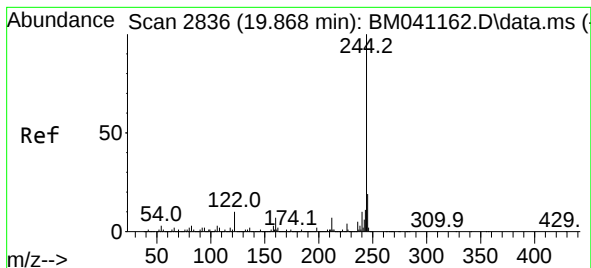
Ion Ratio Lower Upper

240 100

120 8.8 8.3 12.5

236 25.9 20.6 30.8





#79

Terphenyl-d14

Concen: 97.370 ng

RT: 19.851 min Scan# 2833

Delta R.T. -0.000 min

Lab File: BM041357.D

Acq: 10 Aug 2023 11:10

Instrument :

BNA_M

ClientSampleId :

PB154720BL

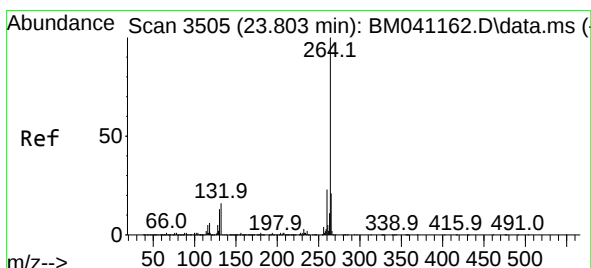
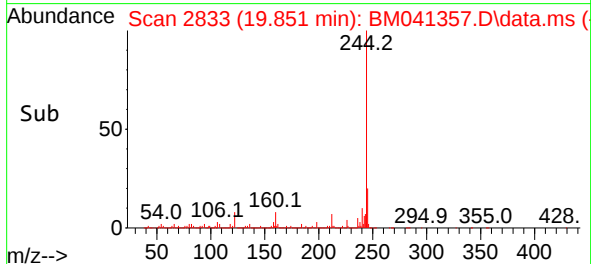
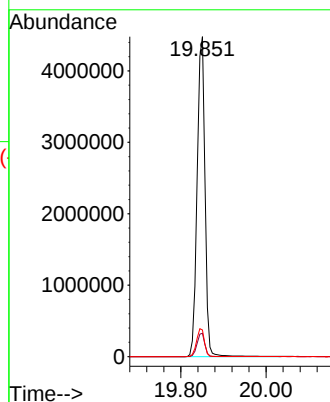
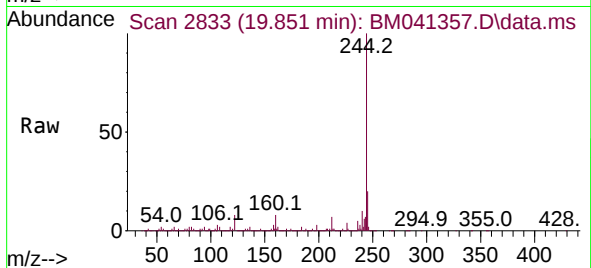
Tgt Ion:244 Resp: 5724078

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.2

122 8.3 7.8 11.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.786 min Scan# 3502

Delta R.T. 0.006 min

Lab File: BM041357.D

Acq: 10 Aug 2023 11:10

Tgt Ion:264 Resp: 1159558

Ion Ratio Lower Upper

264 100

260 23.8 18.5 27.7

265 21.9 17.4 26.0

