

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043024\
 Data File : BM045654.D
 Acq On : 30 Apr 2024 20:46
 Operator : MA/JU
 Sample : PB160479TB
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 01 06:38:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 06:17:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.522	152	19425	20.000	ng	0.00
21) Naphthalene-d8	10.292	136	68926	20.000	ng	# 0.00
39) Acenaphthene-d10	14.180	164	35625	20.000	ng	0.00
64) Phenanthrene-d10	16.951	188	66721	20.000	ng	# 0.01
76) Chrysene-d12	21.168	240	69659	20.000	ng	0.00
86) Perylene-d12	23.344	264	111178	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.151	112	191393	146.027	ng	0.00
7) Phenol-d6	6.710	99	209826	136.292	ng	0.00
23) Nitrobenzene-d5	8.687	82	128848	86.866	ng	0.00
42) 2,4,6-Tribromophenol	15.686	330	50305	123.035	ng	0.00
45) 2-Fluorobiphenyl	12.786	172	221345	84.720	ng	0.00
79) Terphenyl-d14	19.598	244	284168	85.401	ng	0.00

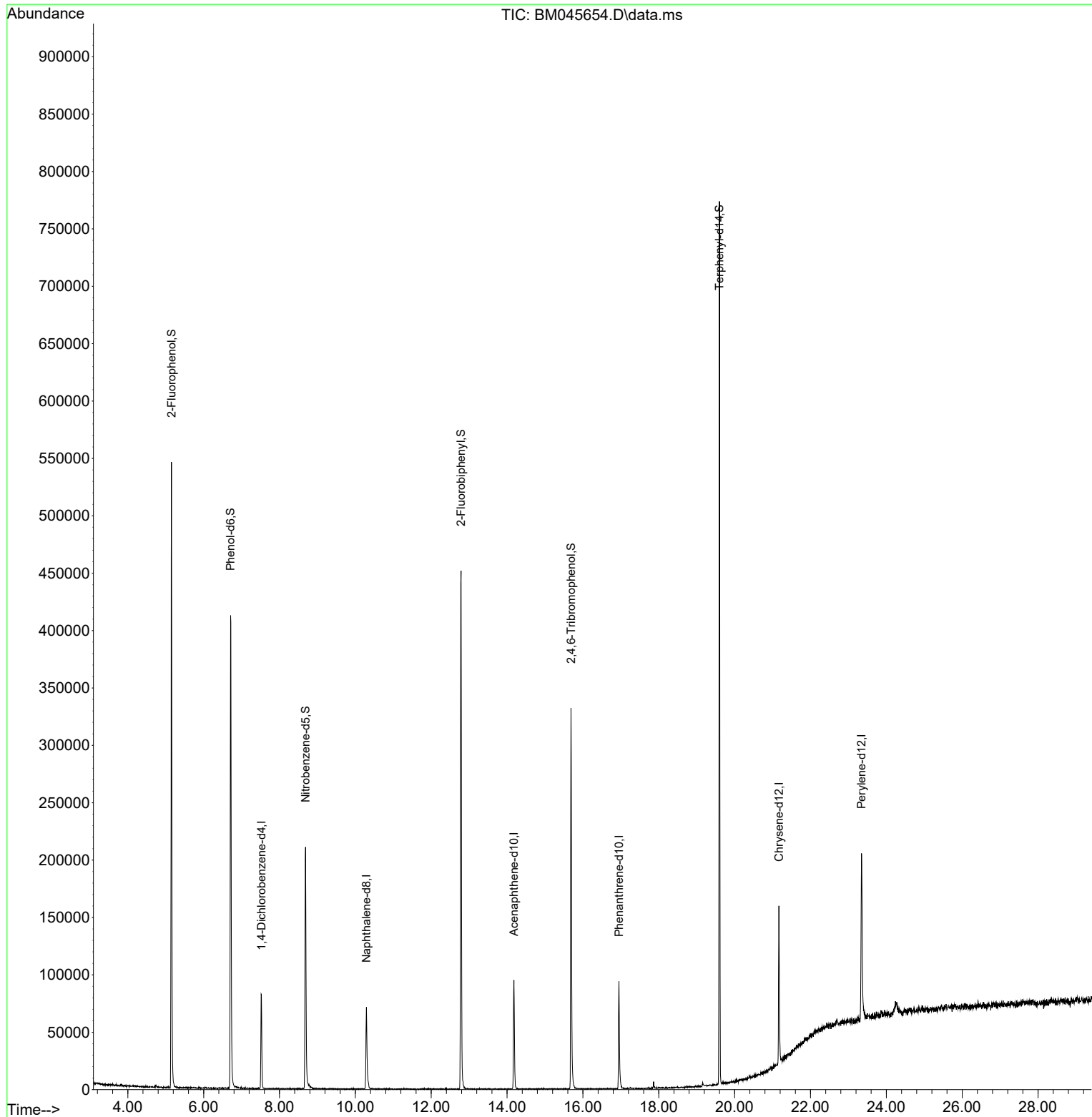
Target Compounds	Qvalue

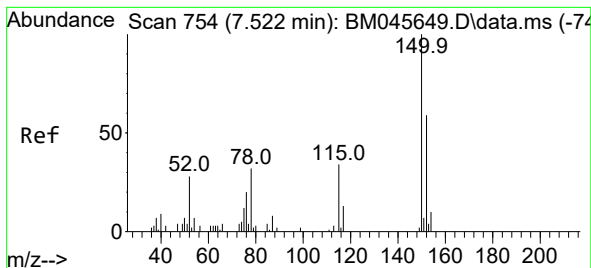
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.522 min Scan# 7

Delta R.T. -0.000 min

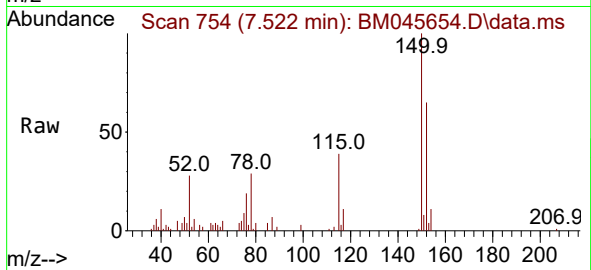
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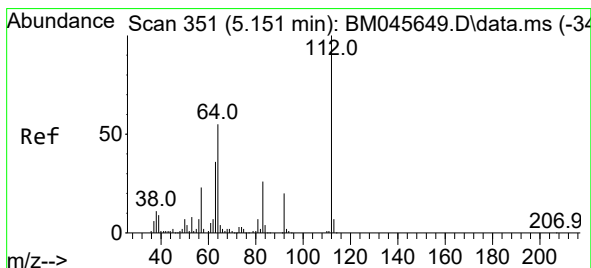
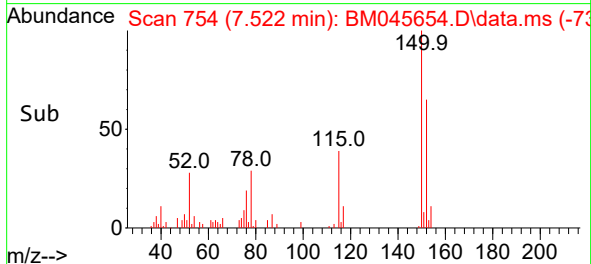
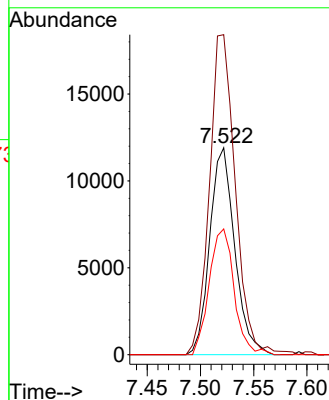
Tgt Ion:152 Resp: 19425

Ion Ratio Lower Upper

152 100

150 154.7 136.3 204.5

115 60.8 46.1 69.1



#5

2-Fluorophenol

Concen: 146.027 ng

RT: 5.151 min Scan# 351

Delta R.T. 0.000 min

Lab File: BM045654.D

Acq: 30 Apr 2024 20:46

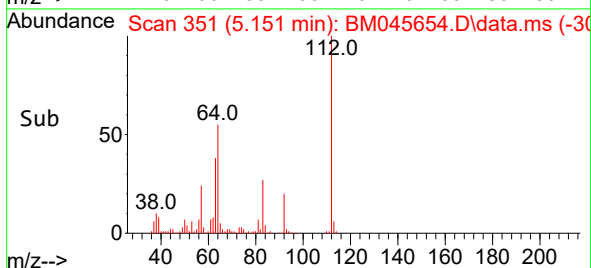
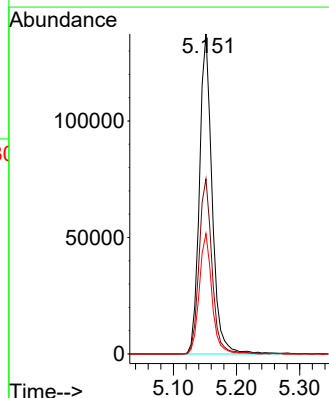
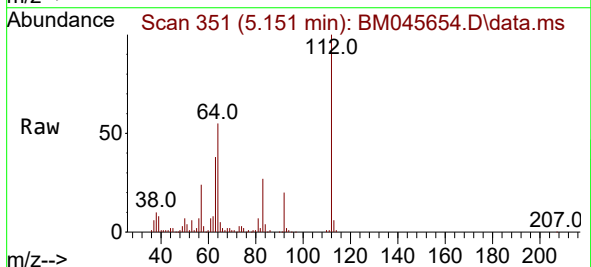
Tgt Ion:112 Resp: 191393

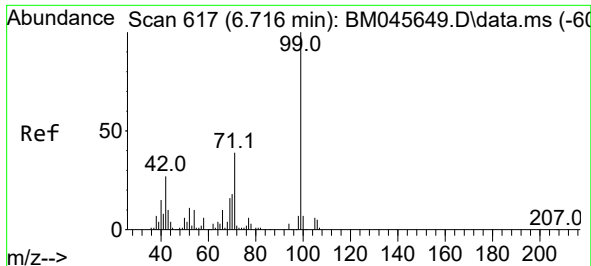
Ion Ratio Lower Upper

112 100

64 54.7 44.1 66.1

63 37.6 29.1 43.7

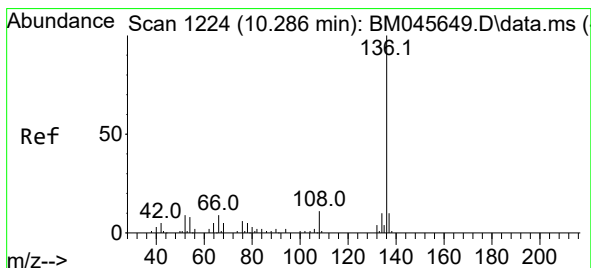
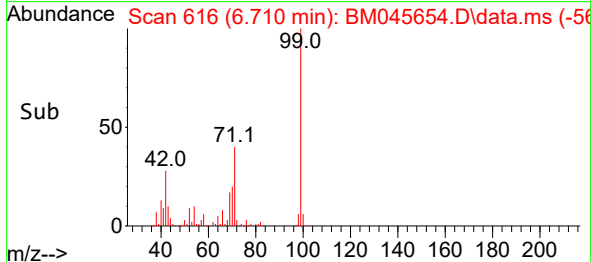
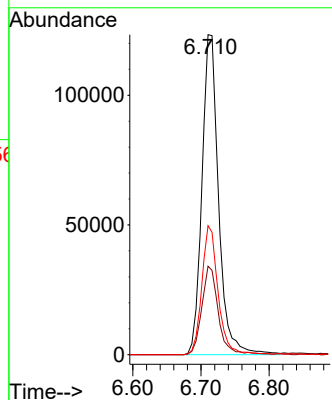
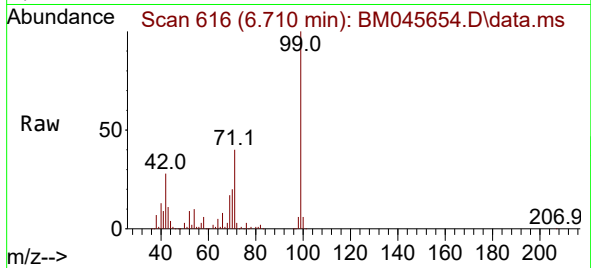




#7
Phenol-d6
Concen: 136.292 ng
RT: 6.710 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM045654.D
Acq: 30 Apr 2024 20:46

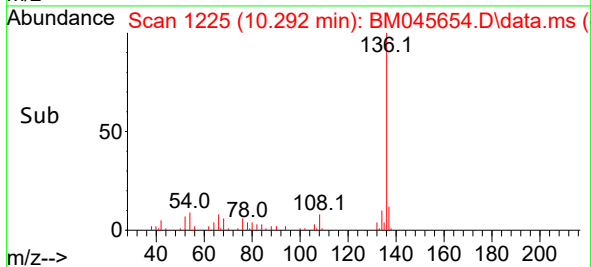
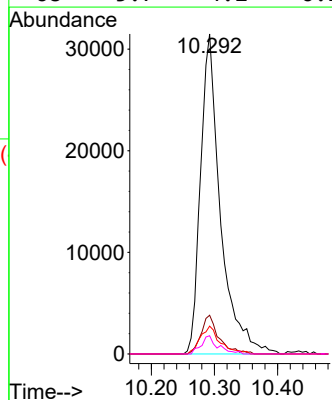
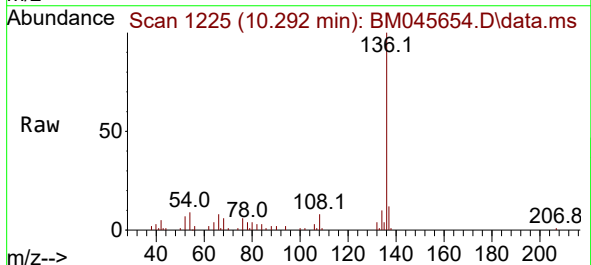
Instrument :
BNA_M
ClientSampleId :

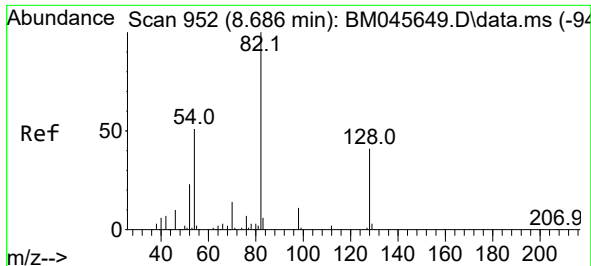
Tgt Ion: 99 Resp: 209826
Ion Ratio Lower Upper
99 100
42 27.6 21.4 32.0
71 40.3 31.4 47.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.292 min Scan# 1225
Delta R.T. 0.006 min
Lab File: BM045654.D
Acq: 30 Apr 2024 20:46

Tgt Ion: 136 Resp: 68926
Ion Ratio Lower Upper
136 100
137 12.1 7.8 11.6#
54 8.7 6.6 9.8
68 5.7 4.2 6.2





#23

Nitrobenzene-d5

Concen: 86.866 ng

RT: 8.687 min Scan# 91

Delta R.T. 0.000 min

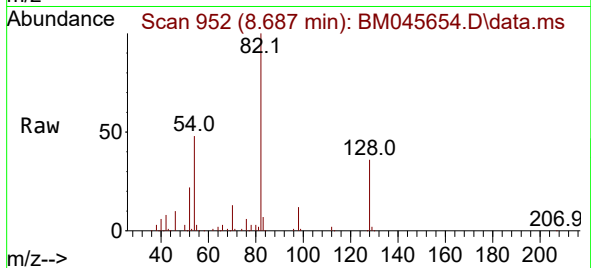
Lab File: BM045654.D

Acq: 30 Apr 2024 20:46

Instrument :

BNA_M

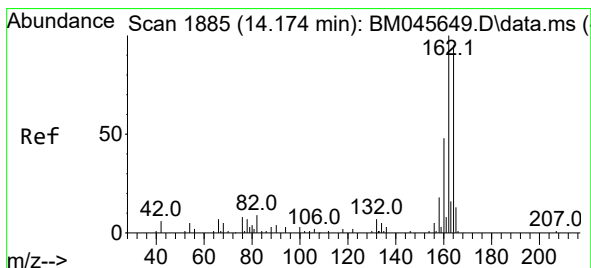
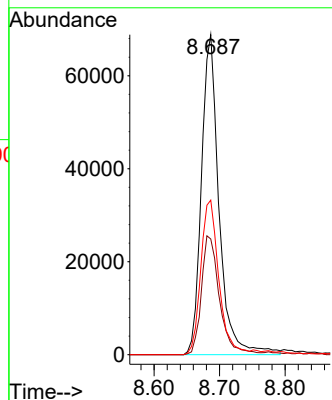
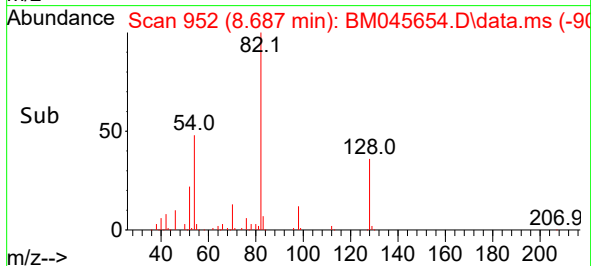
ClientSampleId :



Tgt Ion: 82 Resp: 128848

Ion Ratio Lower Upper

82	100		
128	36.1	32.7	49.1
54	48.3	40.5	60.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.180 min Scan# 1886

Delta R.T. 0.006 min

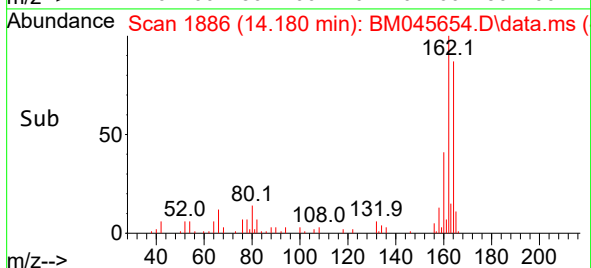
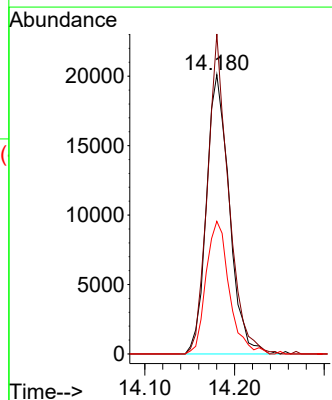
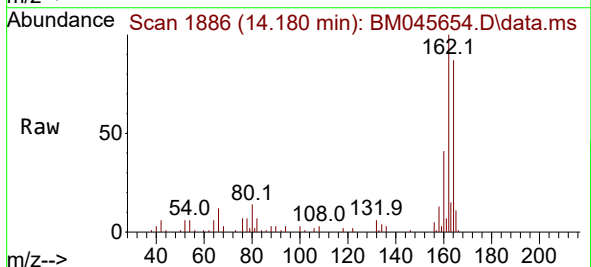
Lab File: BM045654.D

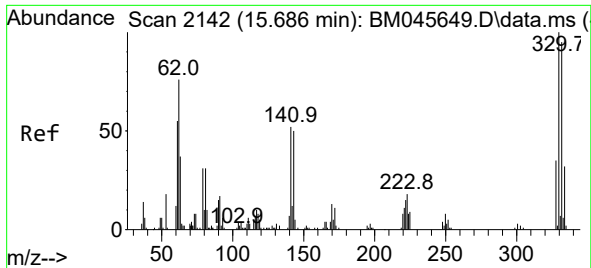
Acq: 30 Apr 2024 20:46

Tgt Ion: 164 Resp: 35625

Ion Ratio Lower Upper

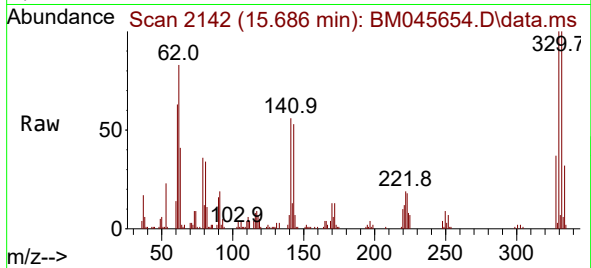
164	100		
162	114.5	83.8	125.8
160	47.5	40.6	61.0



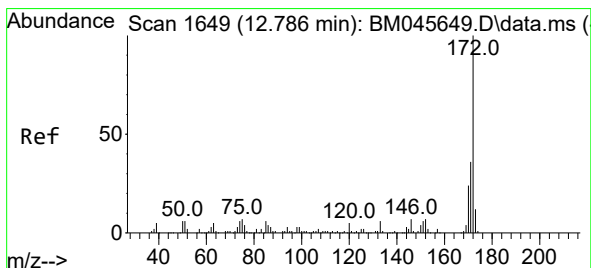
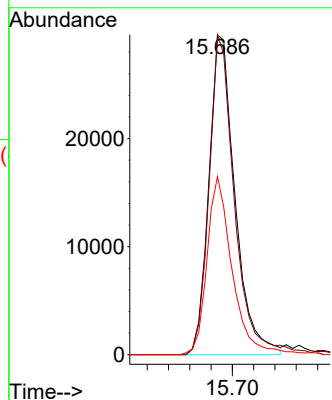
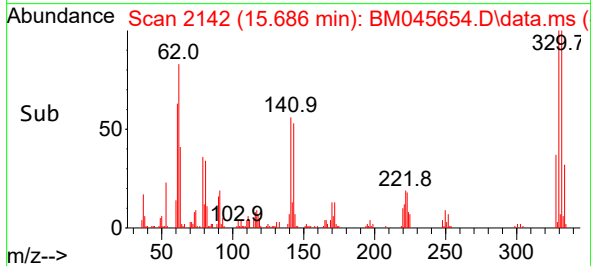


#42
2,4,6-Tribromophenol
Concen: 123.035 ng
RT: 15.686 min Scan# 2142
Delta R.T. 0.000 min
Lab File: BM045654.D
Acq: 30 Apr 2024 20:46

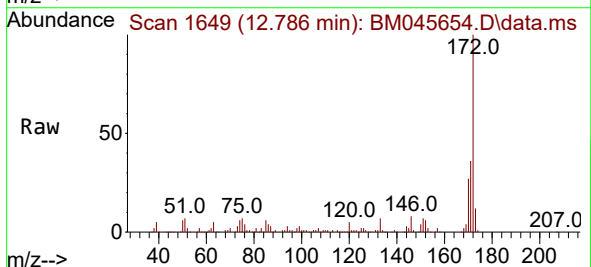
Instrument :
BNA_M
ClientSampleId :



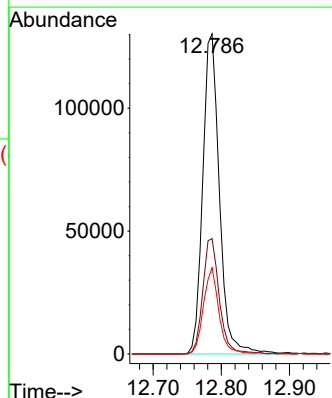
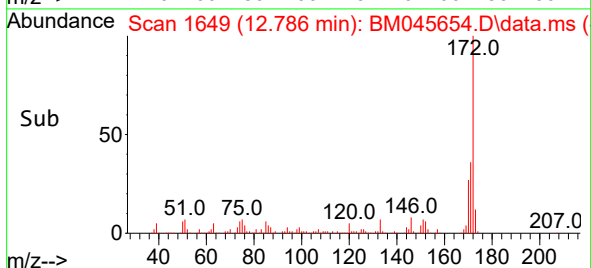
Tgt Ion:330 Resp: 50305
Ion Ratio Lower Upper
330 100
332 97.5 77.0 115.4
141 53.9 42.8 64.2

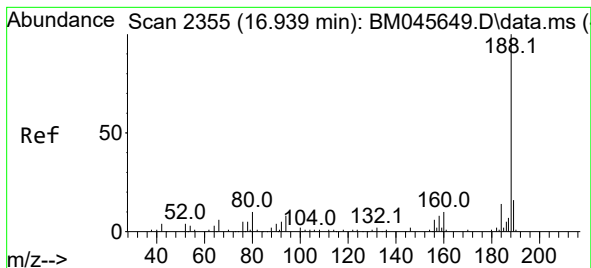


#45
2-Fluorobiphenyl
Concen: 84.720 ng
RT: 12.786 min Scan# 1649
Delta R.T. 0.000 min
Lab File: BM045654.D
Acq: 30 Apr 2024 20:46



Tgt Ion:172 Resp: 221345
Ion Ratio Lower Upper
172 100
171 36.1 28.5 42.7
170 27.0 19.5 29.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.951 min Scan# 21

Delta R.T. 0.012 min

Lab File: BM045654.D

Acq: 30 Apr 2024 20:46

Instrument :

BNA_M

ClientSampleId :

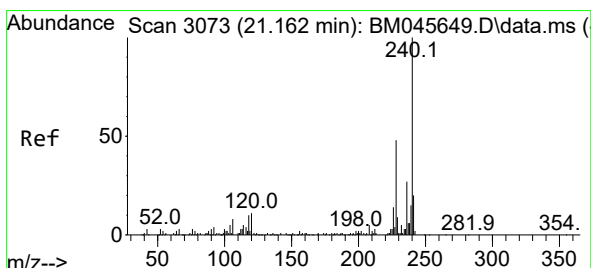
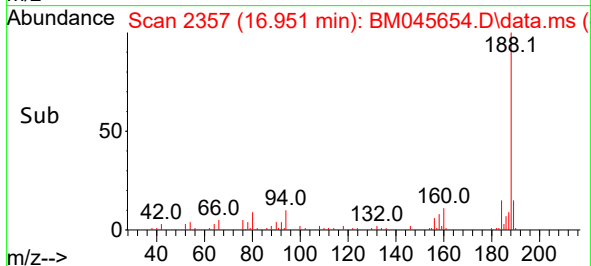
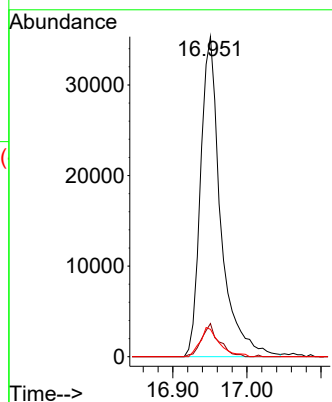
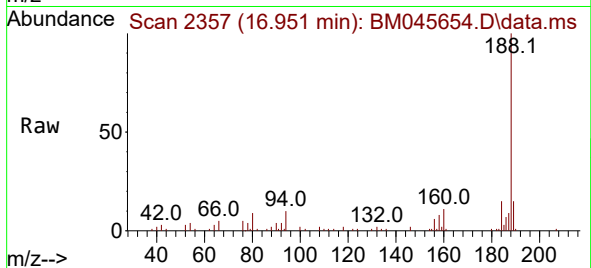
Tgt Ion:188 Resp: 66721

Ion Ratio Lower Upper

188 100

94 10.4 6.2 9.2#

80 8.6 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.168 min Scan# 3074

Delta R.T. 0.006 min

Lab File: BM045654.D

Acq: 30 Apr 2024 20:46

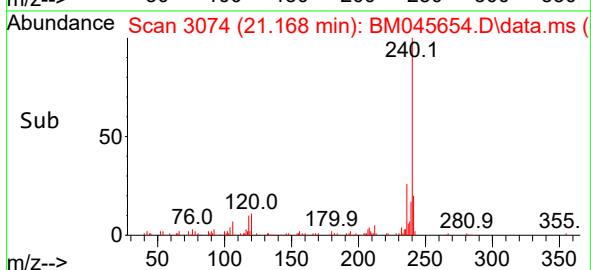
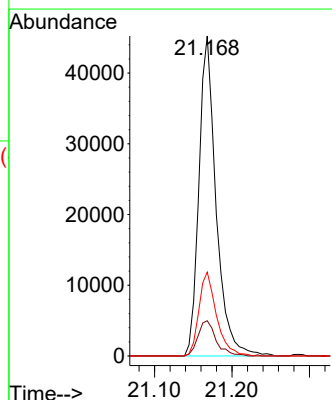
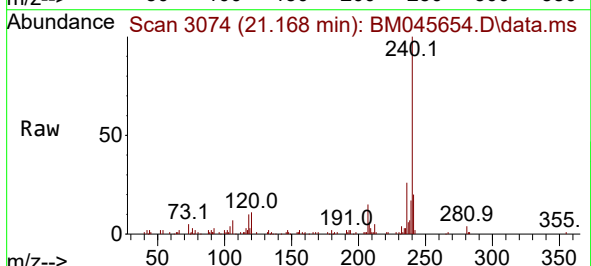
Tgt Ion:240 Resp: 69659

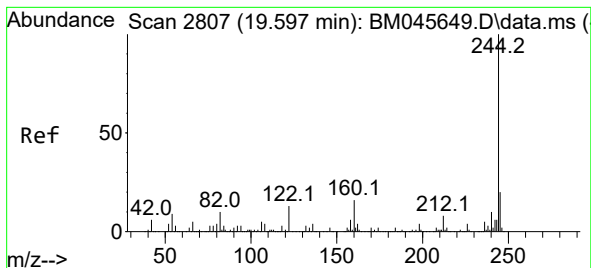
Ion Ratio Lower Upper

240 100

120 11.0 9.1 13.7

236 26.2 21.5 32.3





#79

Terphenyl-d14

Concen: 85.401 ng

RT: 19.598 min Scan# 21

Delta R.T. 0.001 min

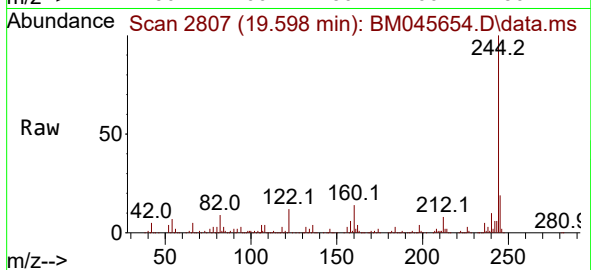
Lab File: BM045654.D

Acq: 30 Apr 2024 20:46

Instrument :

BNA_M

ClientSampleId :



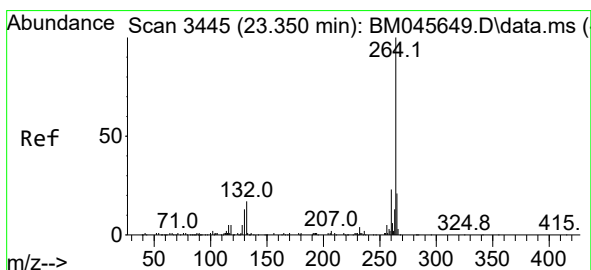
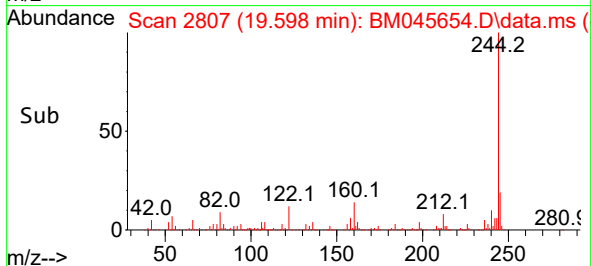
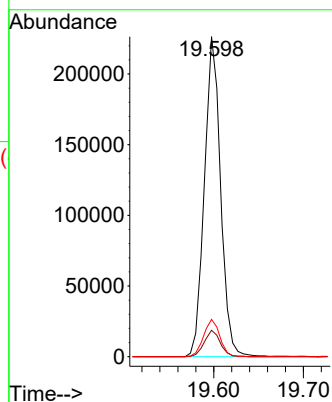
Tgt Ion:244 Resp: 284168

Ion Ratio Lower Upper

244 100

212 8.3 6.6 9.8

122 11.7 10.2 15.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.344 min Scan# 3444

Delta R.T. -0.006 min

Lab File: BM045654.D

Acq: 30 Apr 2024 20:46

Tgt Ion:264 Resp: 111178

Ion Ratio Lower Upper

264 100

260 25.8 18.3 27.5

265 22.3 17.8 26.6

