

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071724\
Data File : BM046698.D
Acq On : 18 Jul 2024 11:09
Operator : MA/JU
Sample : P3246-26
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jul 18 11:45:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 18 06:01:46 2024
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.487	152	72586	20.000	ng	0.00
21) Naphthalene-d8	10.245	136	254982	20.000	ng	0.00
39) Acenaphthene-d10	14.133	164	178498	20.000	ng	0.00
64) Phenanthrene-d10	16.886	188	405888	20.000	ng	0.00
76) Chrysene-d12	21.115	240	419460	20.000	ng	0.00
86) Perylene-d12	23.880	264	501732	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.134	112	316868	88.668	ng	0.00
7) Phenol-d6	6.687	99	397870	87.434	ng	0.00
23) Nitrobenzene-d5	8.628	82	284090	57.847	ng	0.00
42) 2,4,6-Tribromophenol	15.633	330	233656	84.393	ng	0.00
45) 2-Fluorobiphenyl	12.745	172	699053	55.319	ng	0.00
79) Terphenyl-d14	19.545	244	1249884	53.886	ng	0.00

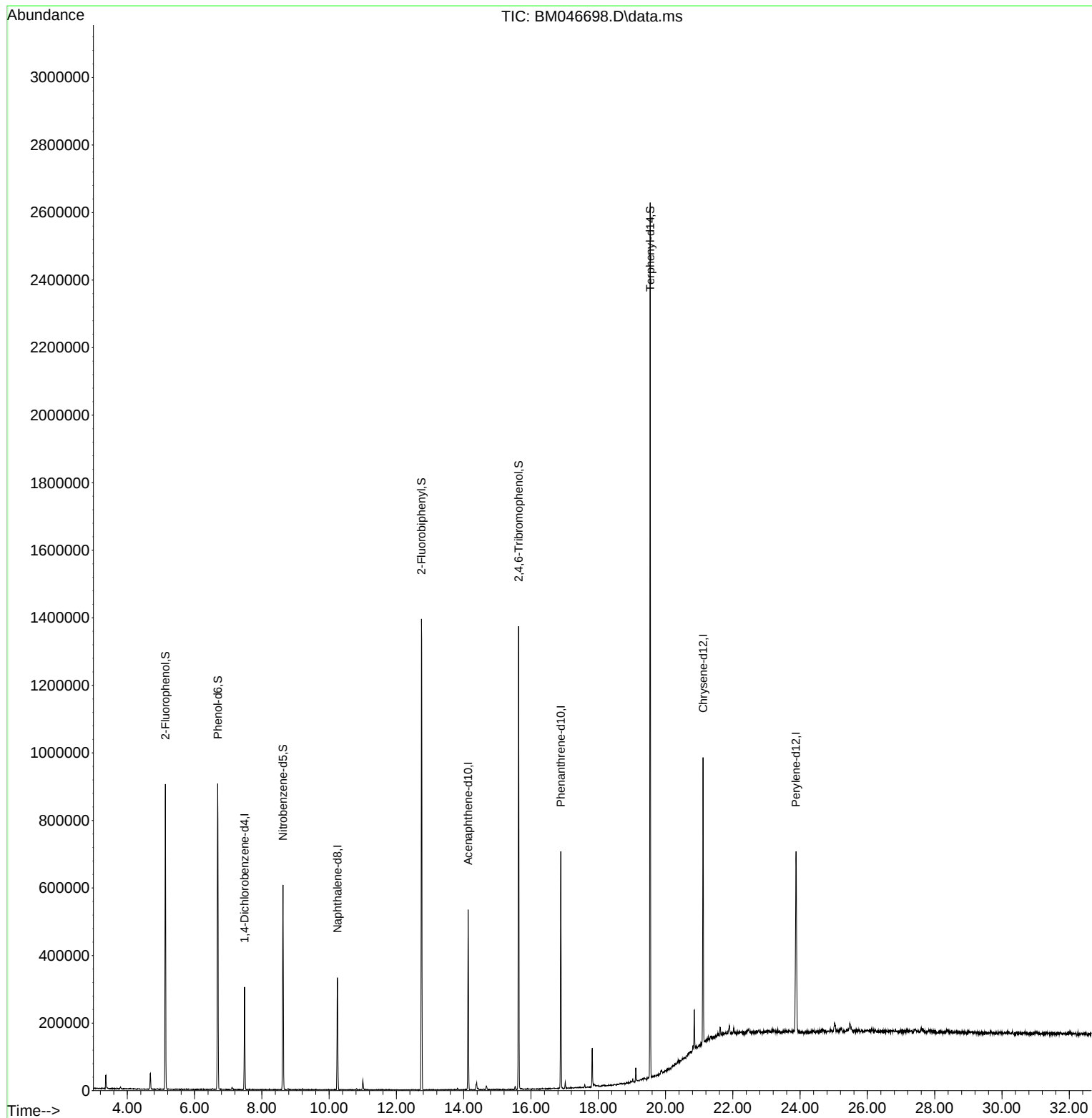
Target Compounds	Qvalue

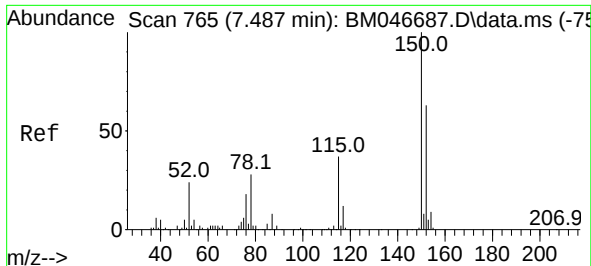
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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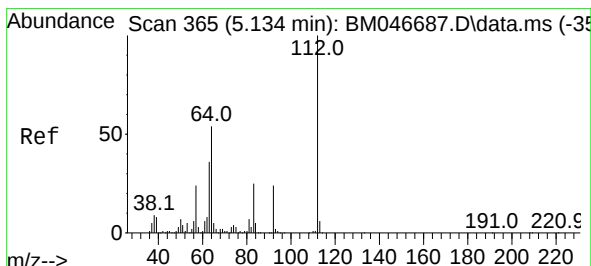
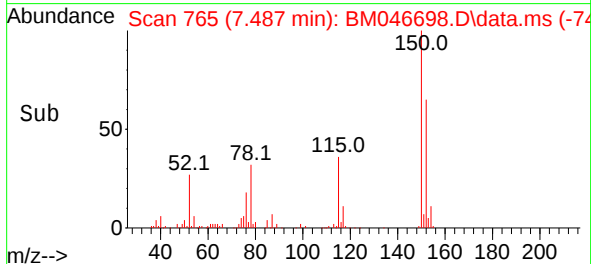
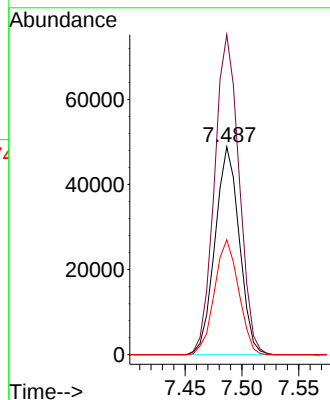
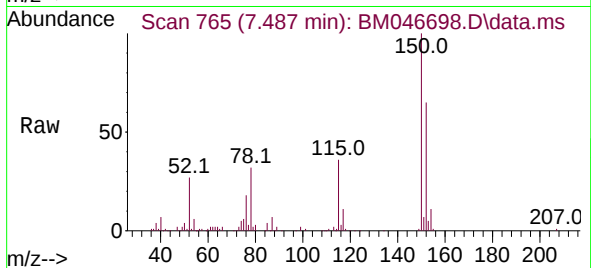




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.487 min Scan# 765
Delta R.T. -0.000 min
Lab File: BM046698.D
Acq: 18 Jul 2024 11:09

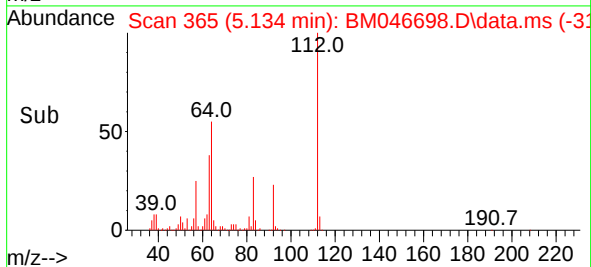
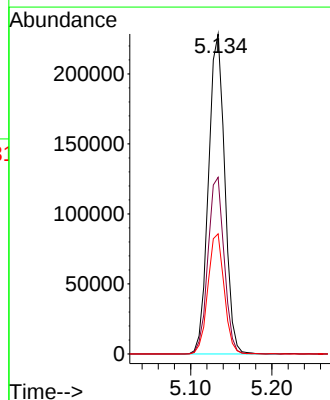
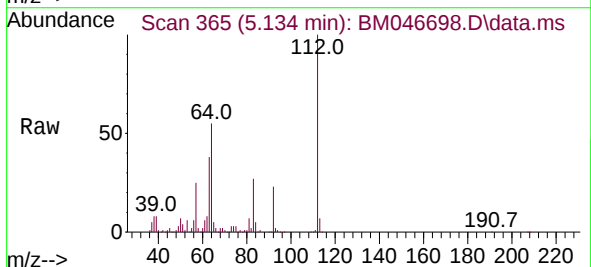
Instrument :
BNA_M
ClientSampleId :

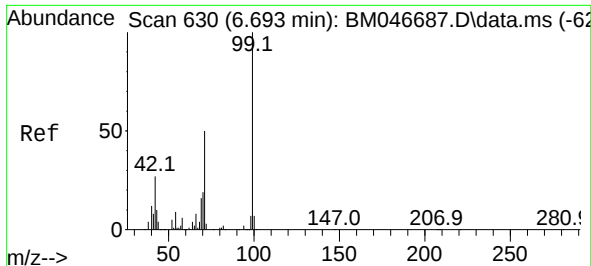
Tgt Ion:152 Resp: 72586
Ion Ratio Lower Upper
152 100
150 154.0 127.3 190.9
115 55.3 46.5 69.7



#5
2-Fluorophenol
Concen: 88.668 ng
RT: 5.134 min Scan# 365
Delta R.T. -0.000 min
Lab File: BM046698.D
Acq: 18 Jul 2024 11:09

Tgt Ion:112 Resp: 316868
Ion Ratio Lower Upper
112 100
64 55.2 43.5 65.3
63 37.5 28.6 42.8

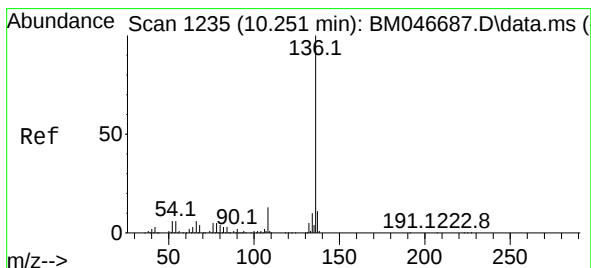
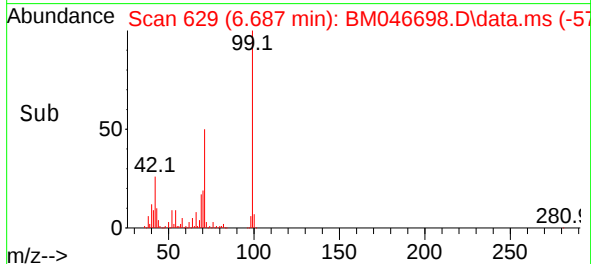
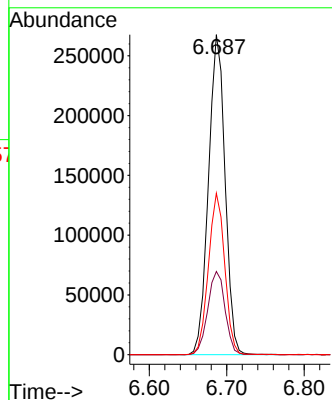
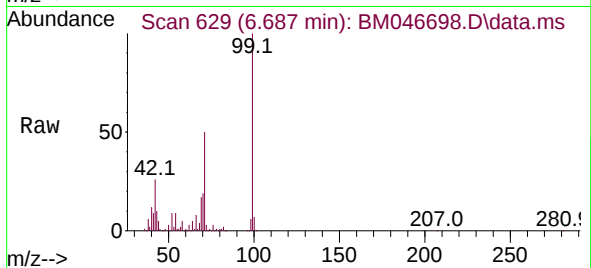




#7
Phenol-d6
Concen: 87.434 ng
RT: 6.687 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM046698.D
Acq: 18 Jul 2024 11:09

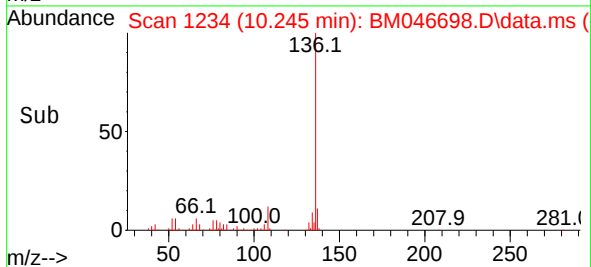
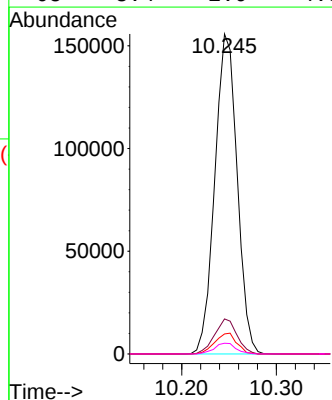
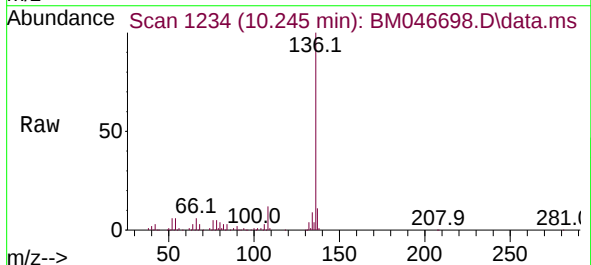
Instrument :
BNA_M
ClientSampleId :

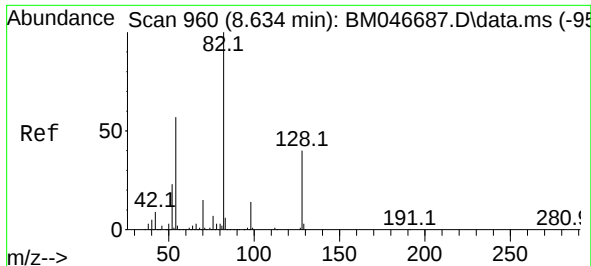
Tgt Ion: 99 Resp: 397870
Ion Ratio Lower Upper
99 100
42 26.0 21.4 32.0
71 50.5 39.9 59.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.245 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BM046698.D
Acq: 18 Jul 2024 11:09

Tgt Ion: 136 Resp: 254982
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 6.3 5.1 7.7
68 3.4 2.9 4.3





#23

Nitrobenzene-d5

Concen: 57.847 ng

RT: 8.628 min Scan# 90

Delta R.T. -0.006 min

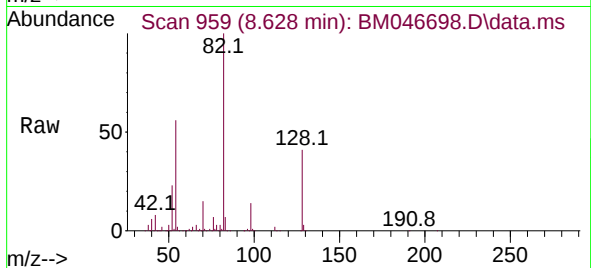
Lab File: BM046698.D

Acq: 18 Jul 2024 11:09

Instrument :

BNA_M

ClientSampleId :



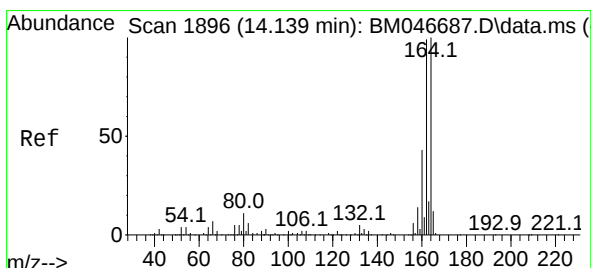
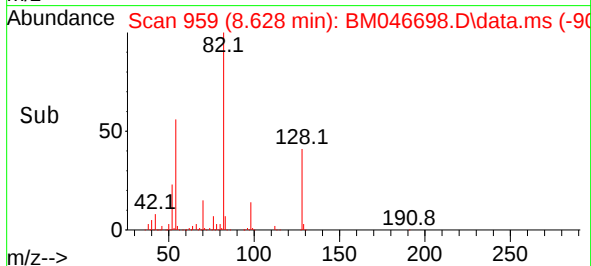
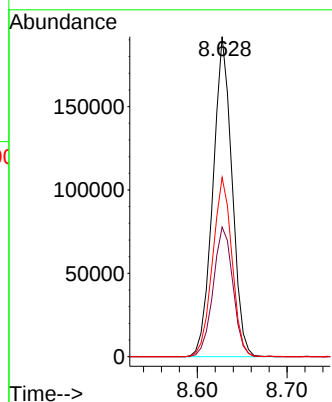
Tgt Ion: 82 Resp: 284090

Ion Ratio Lower Upper

82 100

128 40.5 32.0 48.0

54 56.0 45.2 67.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.133 min Scan# 1895

Delta R.T. -0.006 min

Lab File: BM046698.D

Acq: 18 Jul 2024 11:09

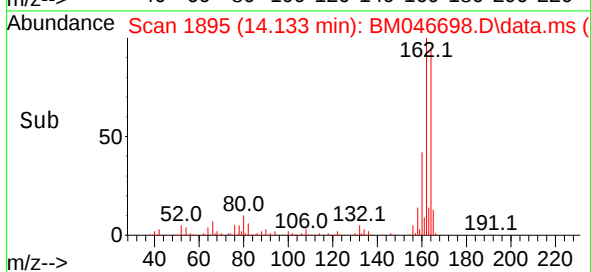
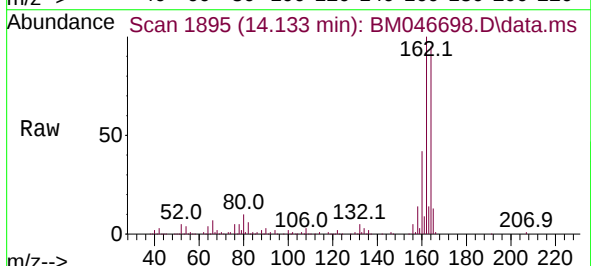
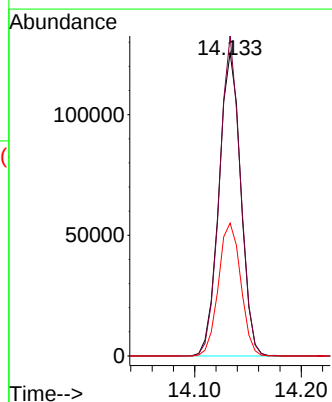
Tgt Ion:164 Resp: 178498

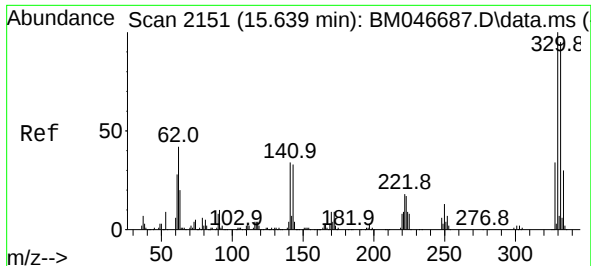
Ion Ratio Lower Upper

164 100

162 105.5 79.0 118.6

160 43.8 34.6 51.8





#42

2,4,6-Tribromophenol

Concen: 84.393 ng

RT: 15.633 min Scan# 2151

Delta R.T. -0.006 min

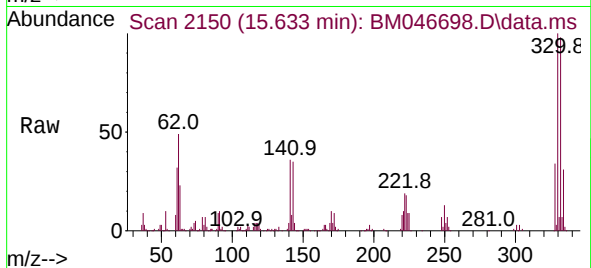
Lab File: BM046698.D

Acq: 18 Jul 2024 11:09

Instrument :

BNA_M

ClientSampleId :



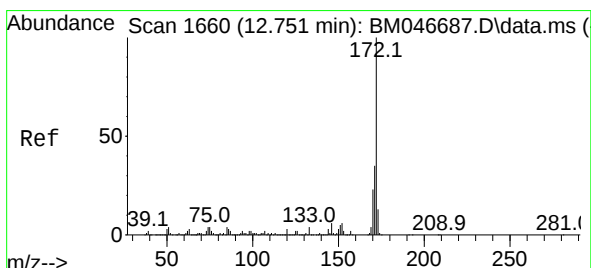
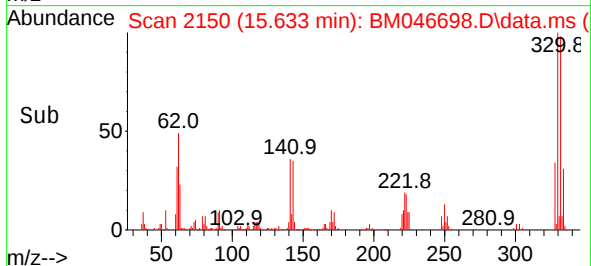
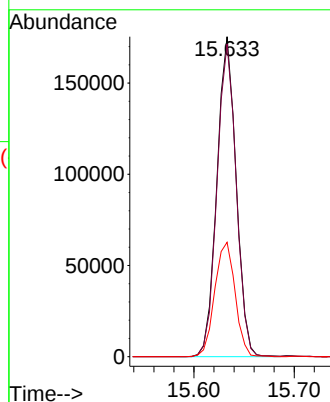
Tgt Ion:330 Resp: 233656

Ion Ratio Lower Upper

330 100

332 97.6 75.5 113.3

141 37.9 29.7 44.5



#45

2-Fluorobiphenyl

Concen: 55.319 ng

RT: 12.745 min Scan# 1659

Delta R.T. -0.006 min

Lab File: BM046698.D

Acq: 18 Jul 2024 11:09

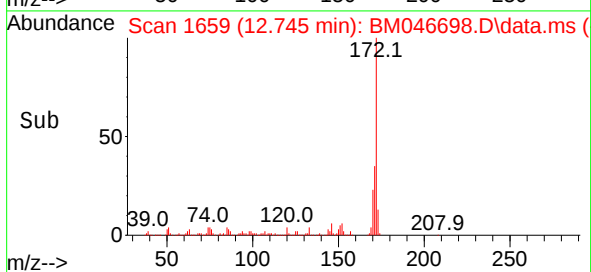
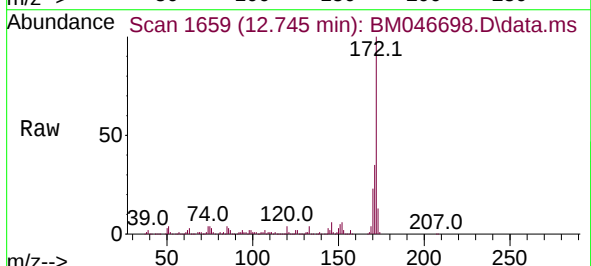
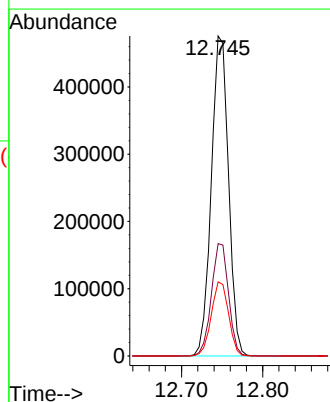
Tgt Ion:172 Resp: 699053

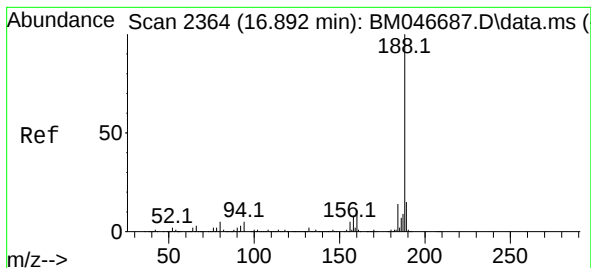
Ion Ratio Lower Upper

172 100

171 35.1 27.8 41.8

170 23.1 18.5 27.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.886 min Scan# 2363

Delta R.T. -0.006 min

Lab File: BM046698.D

Acq: 18 Jul 2024 11:09

Instrument :

BNA_M

ClientSampleId :

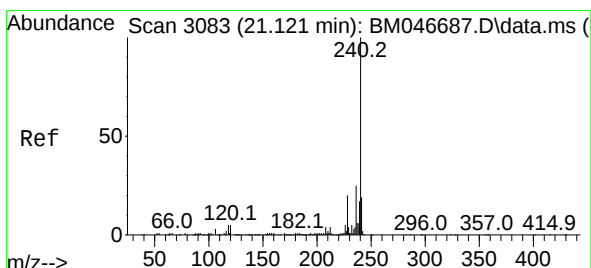
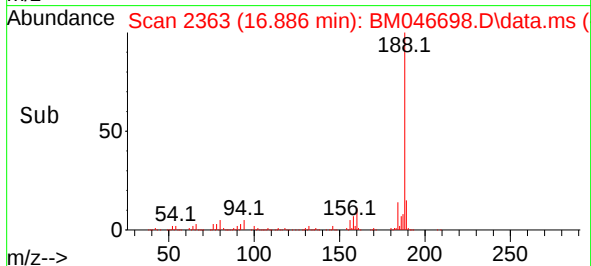
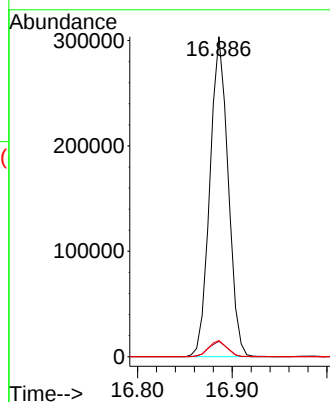
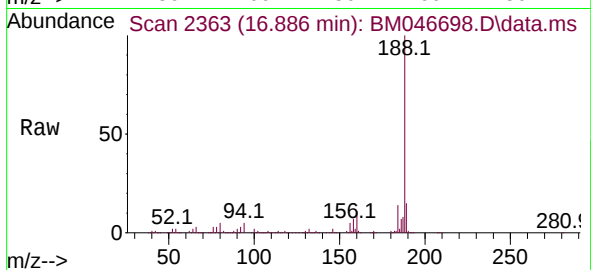
Tgt Ion:188 Resp: 405888

Ion Ratio Lower Upper

188 100

94 4.8 3.8 5.6

80 5.1 4.2 6.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.115 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BM046698.D

Acq: 18 Jul 2024 11:09

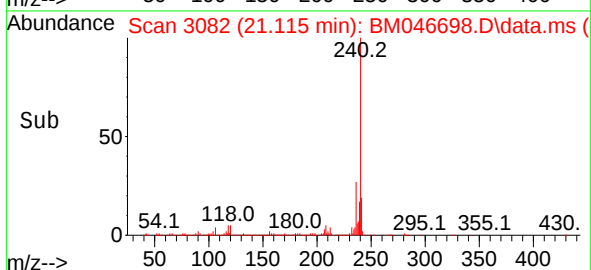
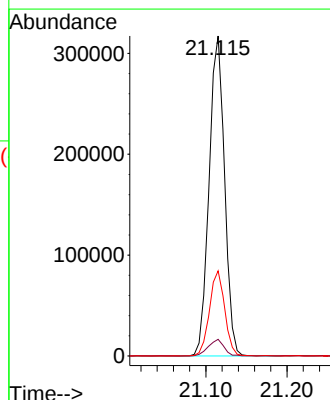
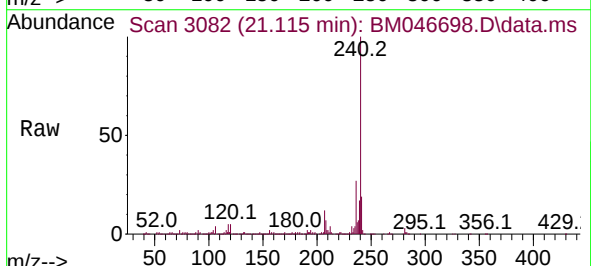
Tgt Ion:240 Resp: 419460

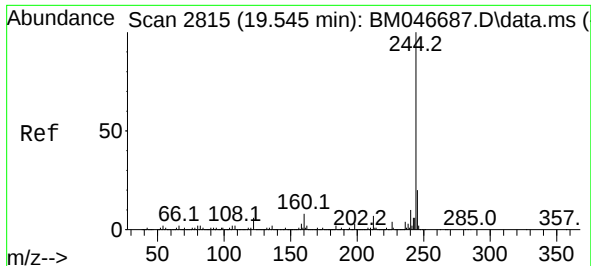
Ion Ratio Lower Upper

240 100

120 5.2 3.9 5.9

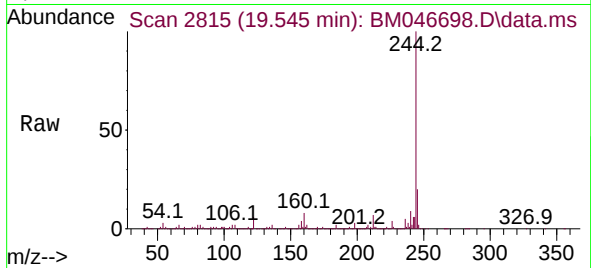
236 26.6 20.2 30.2



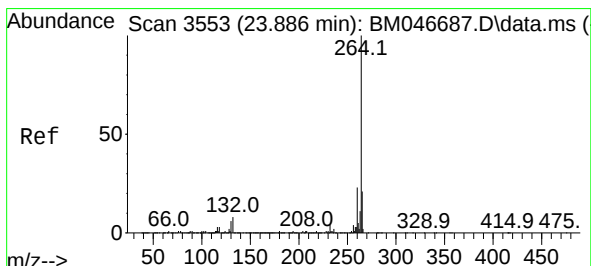
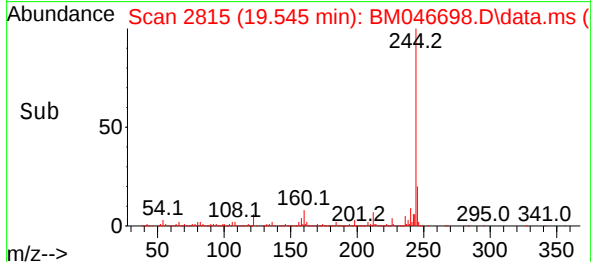
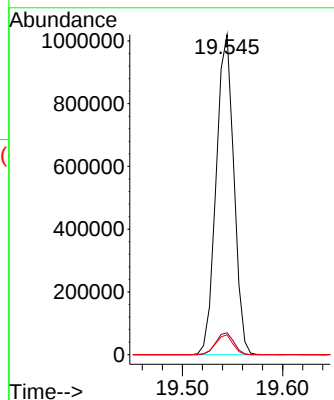


#79
 Terphenyl-d14
 Concen: 53.886 ng
 RT: 19.545 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM046698.D
 Acq: 18 Jul 2024 11:09

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:244 Resp: 1249884
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 6.2 5.0 7.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.880 min Scan# 3552
 Delta R.T. -0.006 min
 Lab File: BM046698.D
 Acq: 18 Jul 2024 11:09

Tgt Ion:264 Resp: 501732
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.1 27.1
 265 21.2 16.9 25.3

