

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071724\
Data File : BM046697.D
Acq On : 18 Jul 2024 10:29
Operator : MA/JU
Sample : P3258-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jul 18 11:02:06 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	80709	20.000	ng	0.00
21) Naphthalene-d8	10.245	136	280656	20.000	ng	0.00
39) Acenaphthene-d10	14.133	164	186547	20.000	ng	0.00
64) Phenanthrene-d10	16.886	188	417757	20.000	ng	0.00
76) Chrysene-d12	21.115	240	453523	20.000	ng	0.00
86) Perylene-d12	23.880	264	440719	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.134	112	522663	131.536	ng	0.00
7) Phenol-d6	6.693	99	585255	115.668	ng	0.00
23) Nitrobenzene-d5	8.634	82	508496	94.069	ng	0.00
42) 2,4,6-Tribromophenol	15.633	330	405048	139.985	ng	0.00
45) 2-Fluorobiphenyl	12.745	172	1266239	95.879	ng	0.00
79) Terphenyl-d14	19.545	244	2113202	84.263	ng	0.00

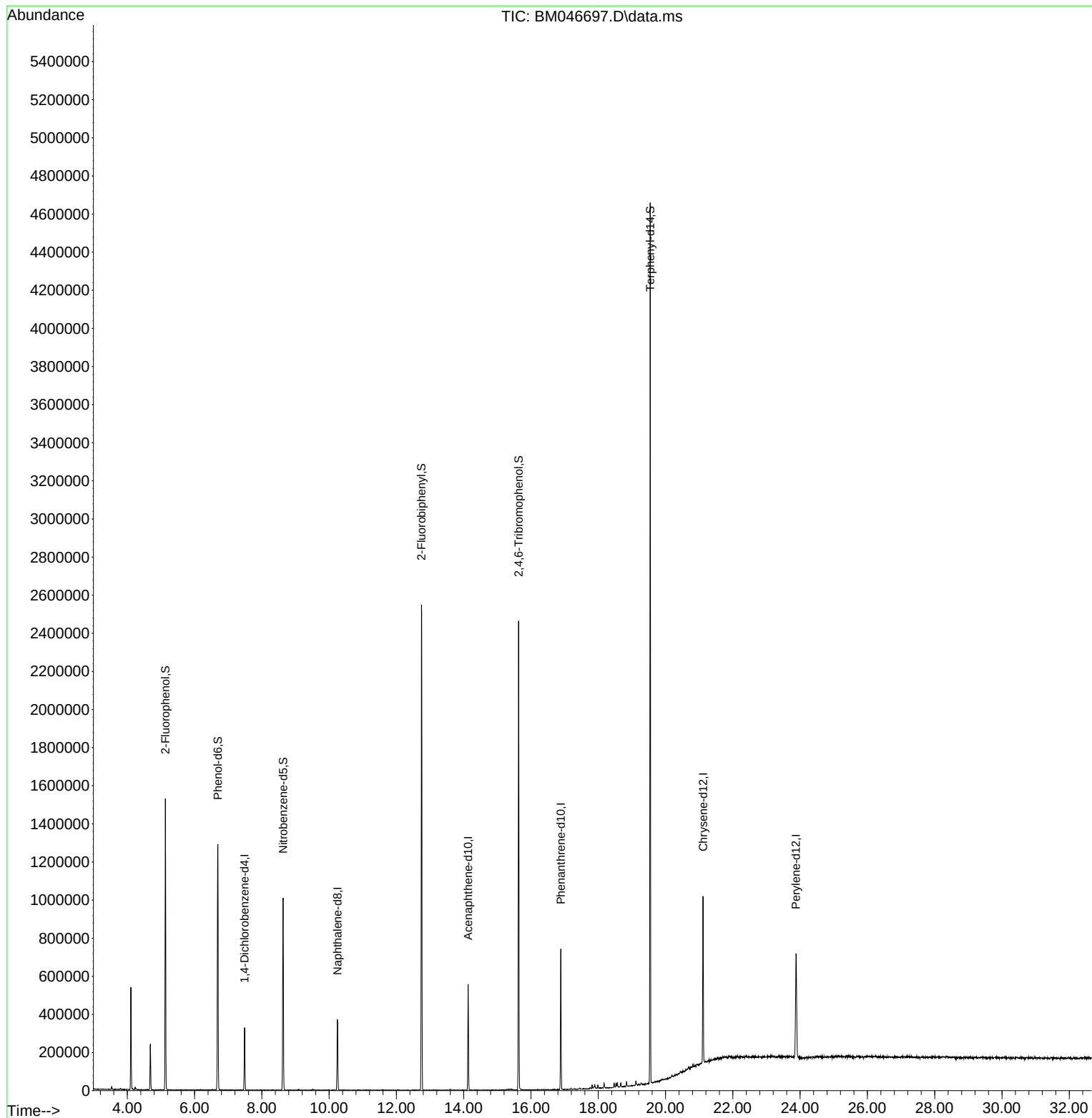
Target Compounds	Qvalue
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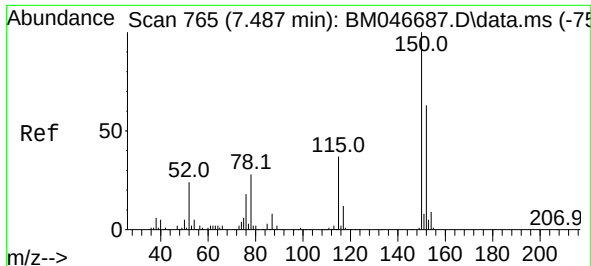
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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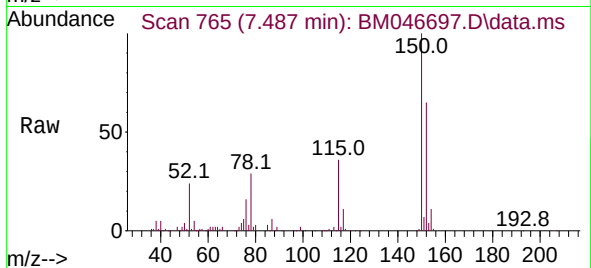
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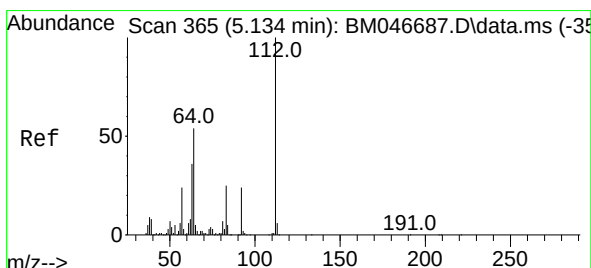
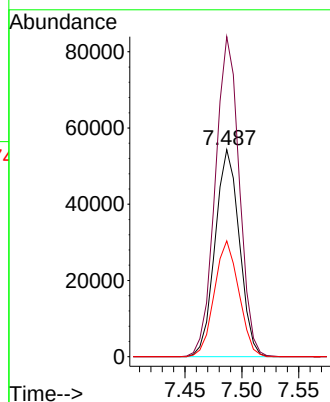
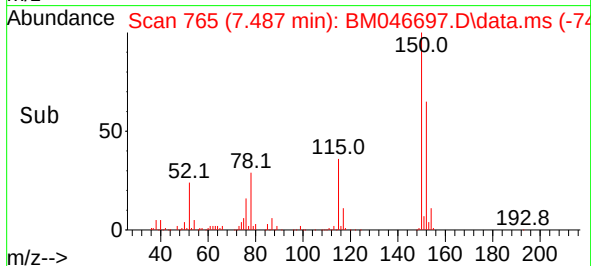


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.487 min Scan# 765
Delta R.T. -0.000 min
Lab File: BM046697.D
Acq: 18 Jul 2024 10:29

Instrument :
BNA_M
ClientSampleId :

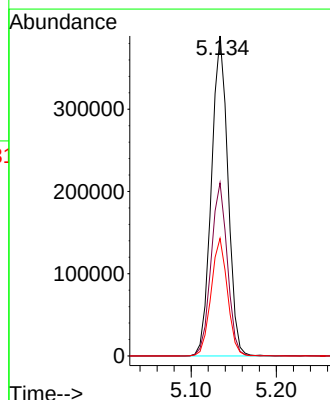
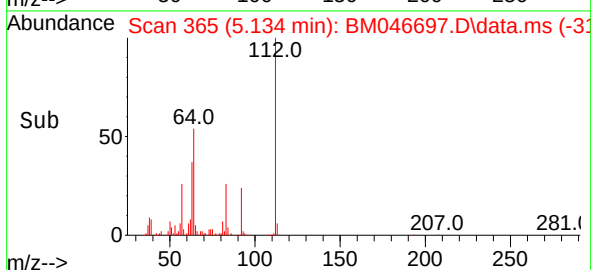
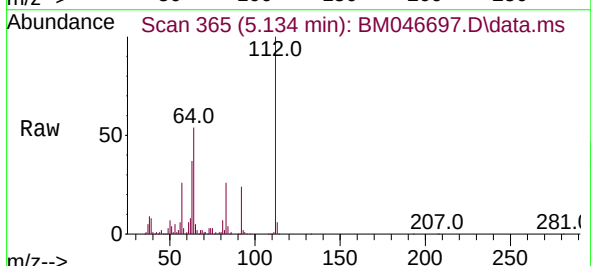


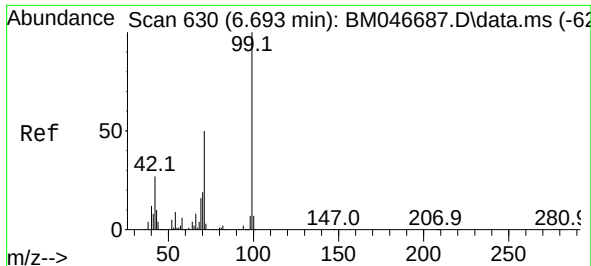
Tgt Ion:152 Resp: 80709
Ion Ratio Lower Upper
152 100
150 154.5 127.3 190.9
115 55.9 46.5 69.7



#5
2-Fluorophenol
Concen: 131.536 ng
RT: 5.134 min Scan# 365
Delta R.T. 0.000 min
Lab File: BM046697.D
Acq: 18 Jul 2024 10:29

Tgt Ion:112 Resp: 522663
Ion Ratio Lower Upper
112 100
64 54.1 43.5 65.3
63 36.8 28.6 42.8

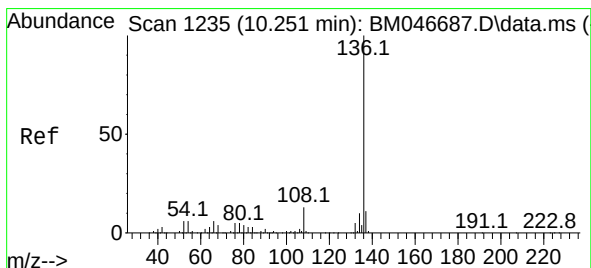
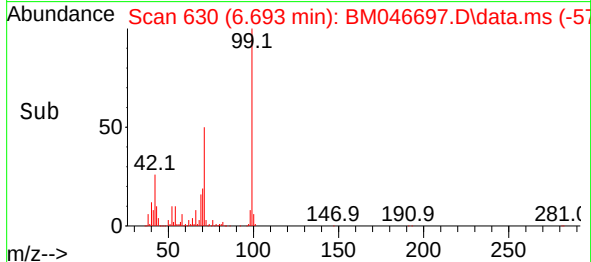
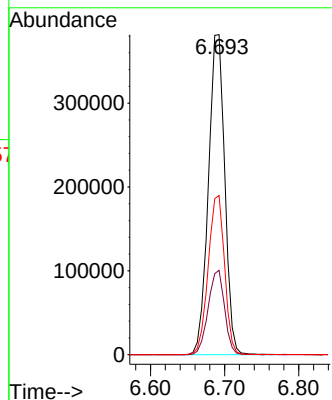
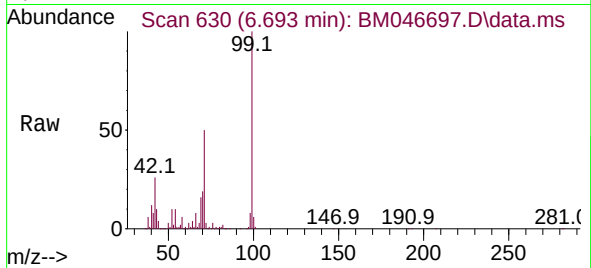




#7
Phenol-d6
Concen: 115.668 ng
RT: 6.693 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM046697.D
Acq: 18 Jul 2024 10:29

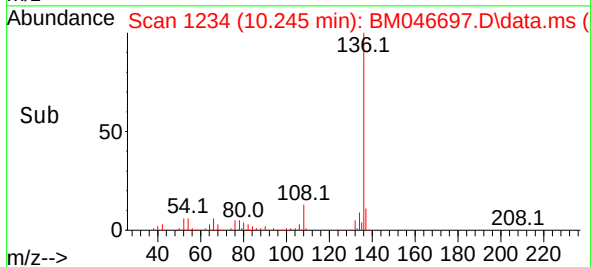
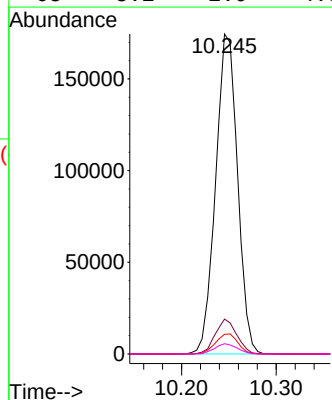
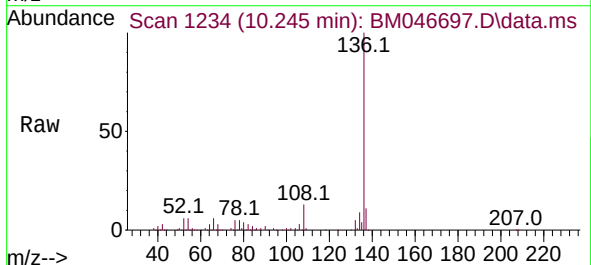
Instrument :
BNA_M
ClientSampleId :

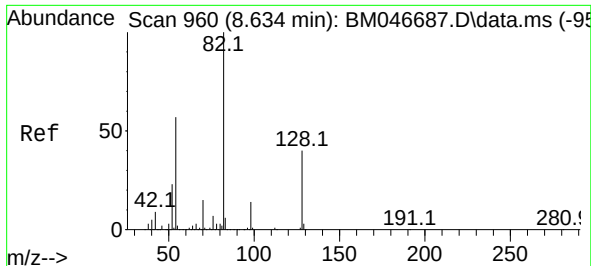
Tgt Ion: 99 Resp: 585255
Ion Ratio Lower Upper
99 100
42 26.4 21.4 32.0
71 49.8 39.9 59.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.245 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BM046697.D
Acq: 18 Jul 2024 10:29

Tgt Ion: 136 Resp: 280656
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 6.2 5.1 7.7
68 3.2 2.9 4.3





#23

Nitrobenzene-d5

Concen: 94.069 ng

RT: 8.634 min Scan# 90

Delta R.T. 0.000 min

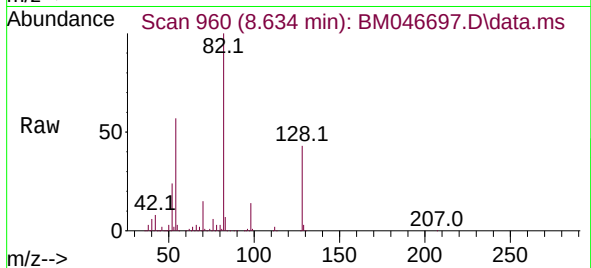
Lab File: BM046697.D

Acq: 18 Jul 2024 10:29

Instrument :

BNA_M

ClientSampleId :



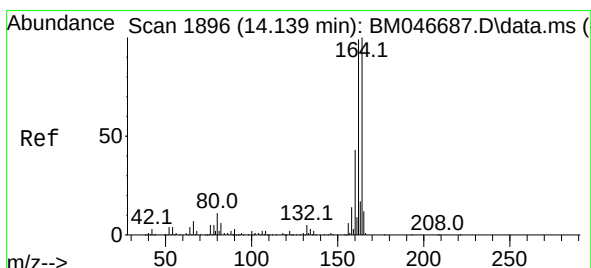
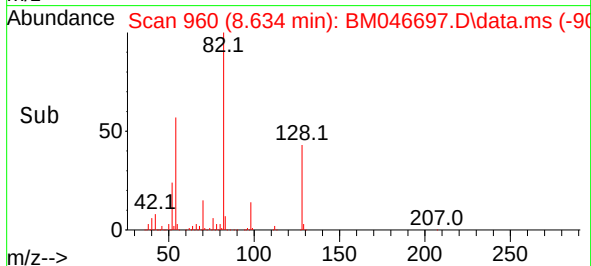
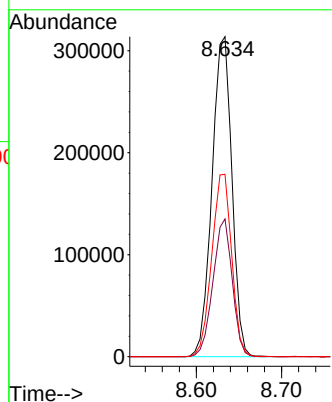
Tgt Ion: 82 Resp: 508496

Ion Ratio Lower Upper

82 100

128 43.1 32.0 48.0

54 57.0 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: BM046697.D

Acq: 18 Jul 2024 10:29

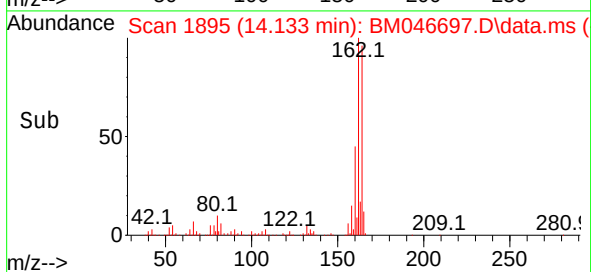
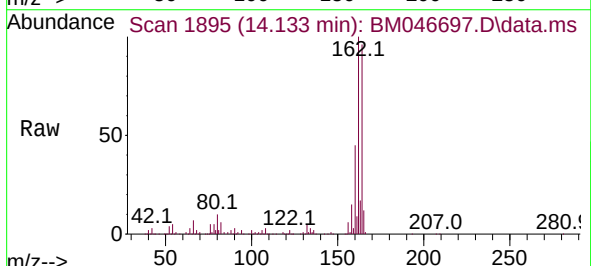
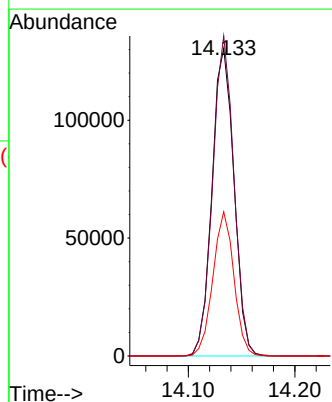
Tgt Ion:164 Resp: 186547

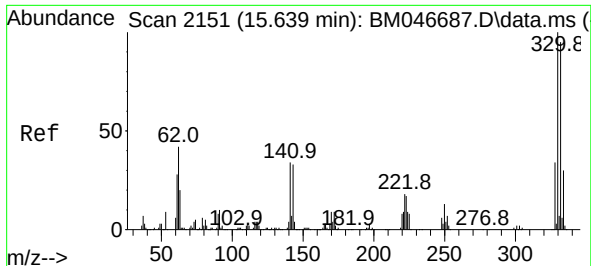
Ion Ratio Lower Upper

164 100

162 104.0 79.0 118.6

160 46.9 34.6 51.8





#42

2,4,6-Tribromophenol

Concen: 139.985 ng

RT: 15.633 min Scan# 2151

Delta R.T. -0.006 min

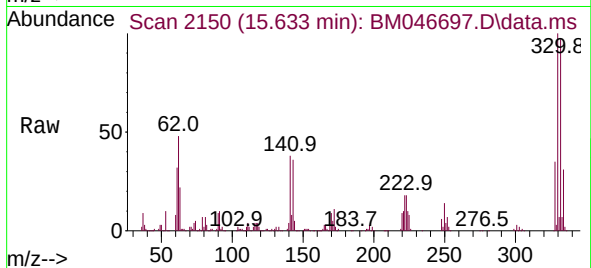
Lab File: BM046697.D

Acq: 18 Jul 2024 10:29

Instrument :

BNA_M

ClientSampleId :



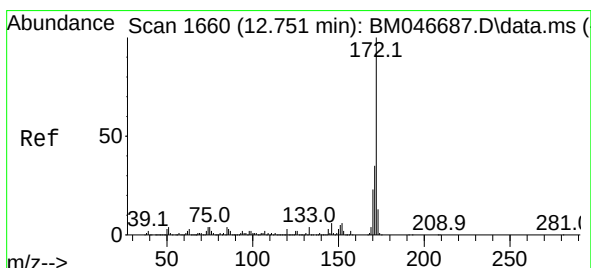
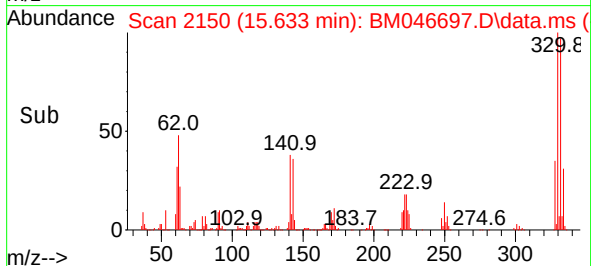
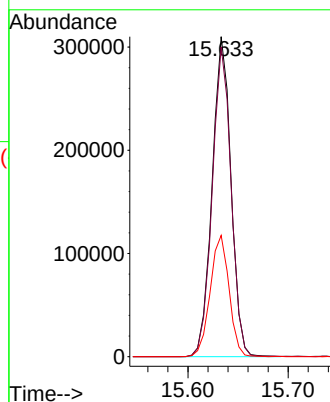
Tgt Ion:330 Resp: 405048

Ion Ratio Lower Upper

330 100

332 96.9 75.5 113.3

141 38.0 29.7 44.5



#45

2-Fluorobiphenyl

Concen: 95.879 ng

RT: 12.745 min Scan# 1659

Delta R.T. -0.006 min

Lab File: BM046697.D

Acq: 18 Jul 2024 10:29

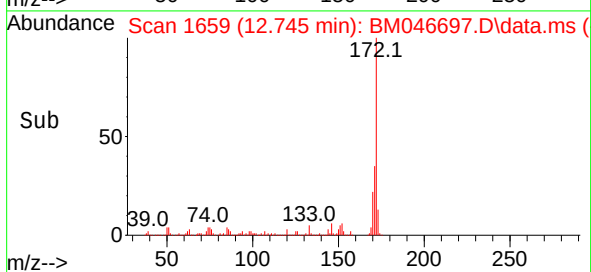
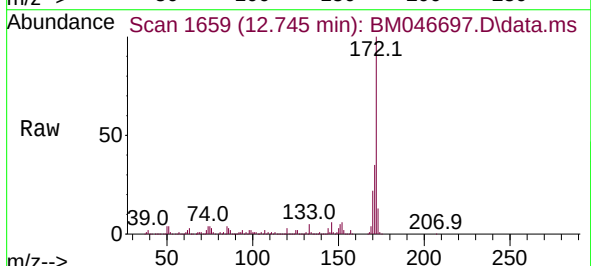
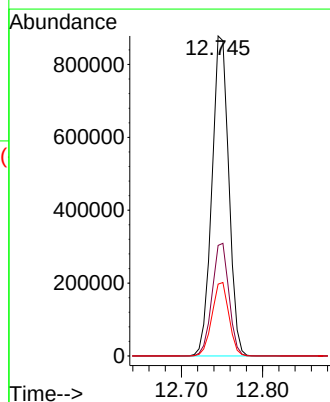
Tgt Ion:172 Resp: 1266239

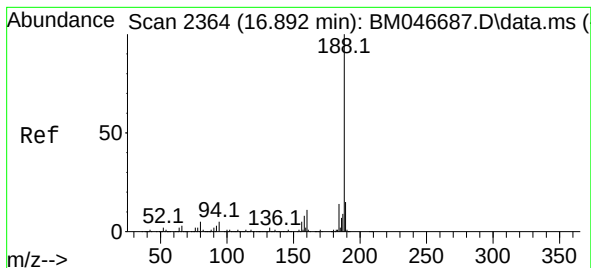
Ion Ratio Lower Upper

172 100

171 34.5 27.8 41.8

170 22.5 18.5 27.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.886 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM046697.D

Acq: 18 Jul 2024 10:29

Instrument :

BNA_M

ClientSampleId :

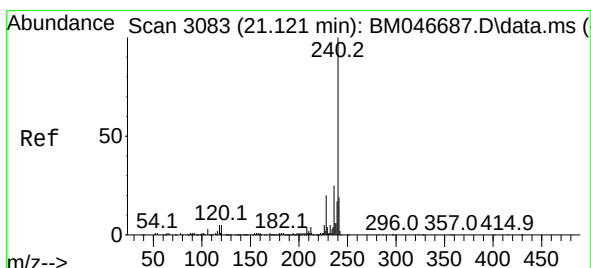
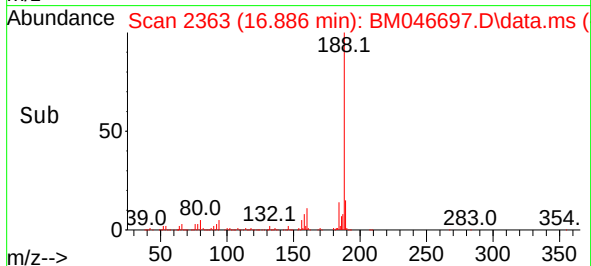
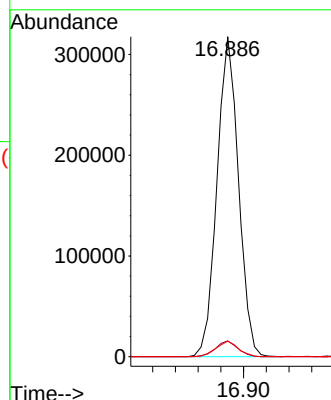
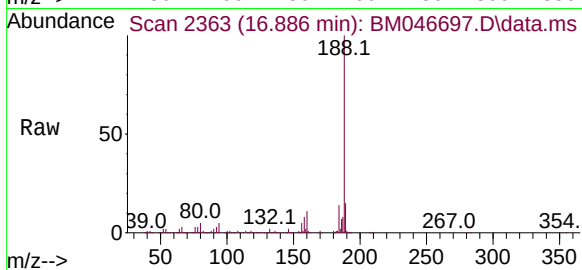
Tgt Ion:188 Resp: 417757

Ion Ratio Lower Upper

188 100

94 5.0 3.8 5.6

80 4.9 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: BM046697.D

Acq: 18 Jul 2024 10:29

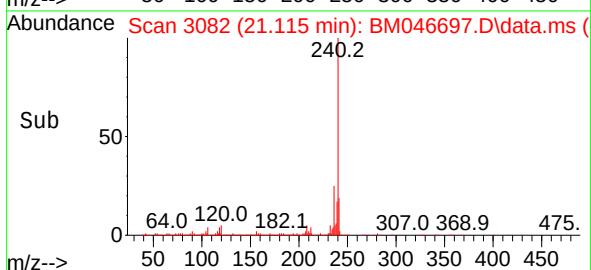
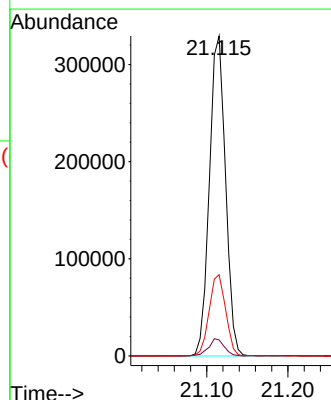
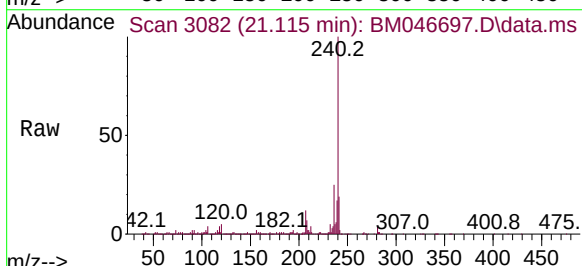
Tgt Ion:240 Resp: 453523

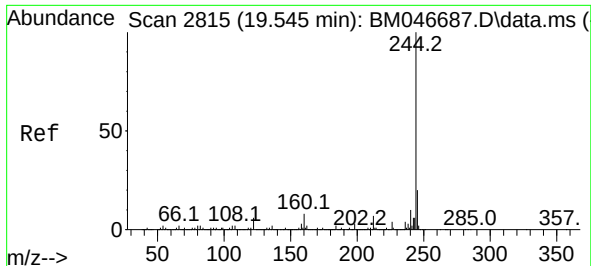
Ion Ratio Lower Upper

240 100

120 5.0 3.9 5.9

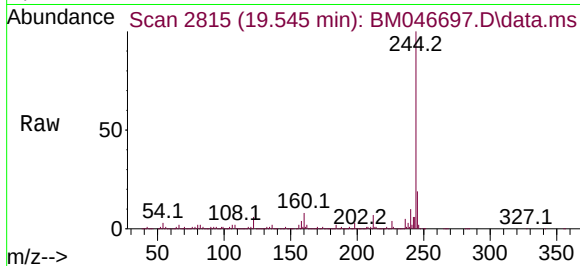
236 25.4 20.2 30.2



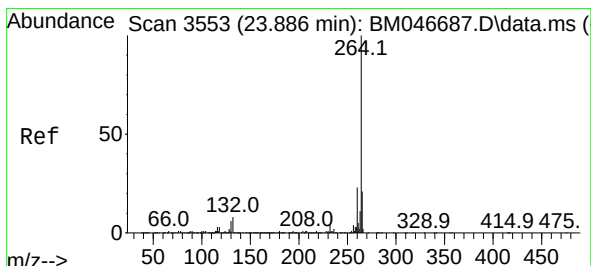
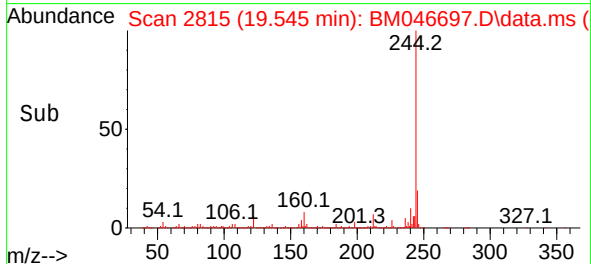
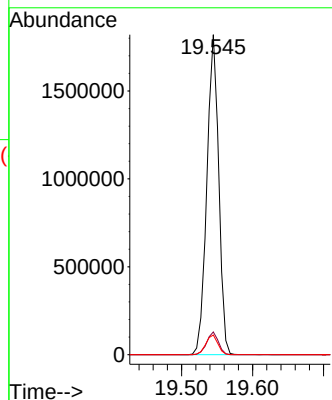


#79
 Terphenyl-d14
 Concen: 84.263 ng
 RT: 19.545 min Scan# 2113
 Delta R.T. 0.000 min
 Lab File: BM046697.D
 Acq: 18 Jul 2024 10:29

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:244 Resp: 2113202
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 6.1 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: BM046697.D
 Acq: 18 Jul 2024 10:29

Tgt Ion:264 Resp: 440719
 Ion Ratio Lower Upper
 264 100
 260 25.3 18.1 27.1
 265 22.0 16.9 25.3

