

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071724\
 Data File : BM046699.D
 Acq On : 18 Jul 2024 11:49
 Operator : MA/JU
 Sample : P3246-02
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 18 12:37:20 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	64348	20.000	ng	0.00
21) Naphthalene-d8	10.245	136	225326	20.000	ng	0.00
39) Acenaphthene-d10	14.133	164	152381	20.000	ng	0.00
64) Phenanthrene-d10	16.886	188	340793	20.000	ng	0.00
76) Chrysene-d12	21.115	240	363106	20.000	ng	0.00
86) Perylene-d12	23.880	264	426423	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.134	112	456998	144.252	ng	0.00
7) Phenol-d6	6.687	99	514104	127.440	ng	0.00
23) Nitrobenzene-d5	8.628	82	449426	103.557	ng	0.00
42) 2,4,6-Tribromophenol	15.633	330	359082	151.924	ng	0.00
45) 2-Fluorobiphenyl	12.745	172	1124003	104.192	ng	0.00
79) Terphenyl-d14	19.545	244	2186456	108.894	ng	0.00

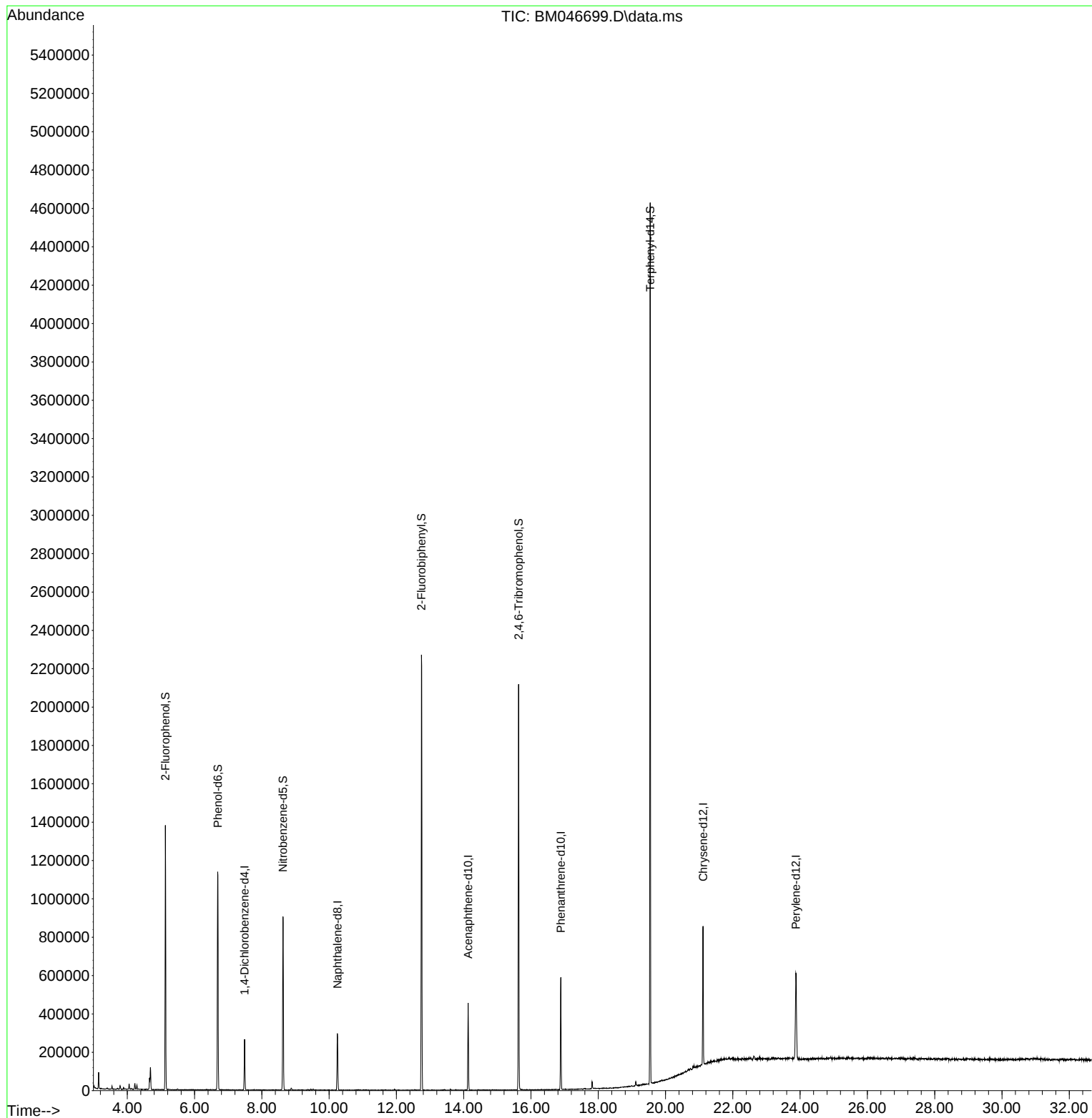
Target Compounds	Qvalue

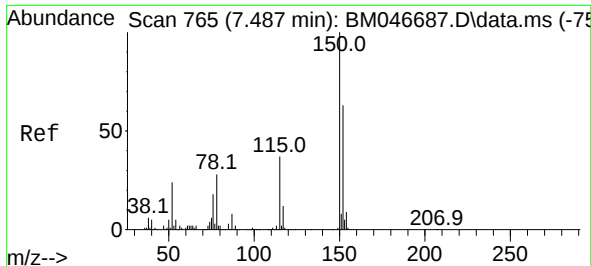
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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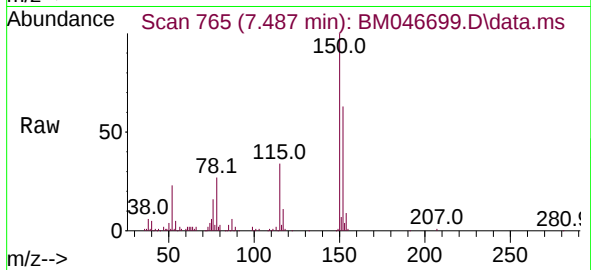
Quant Time: Jul 18 12:37:20 2024
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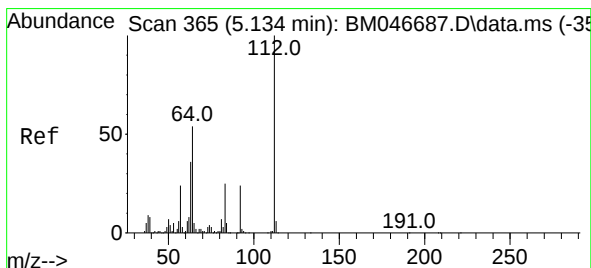
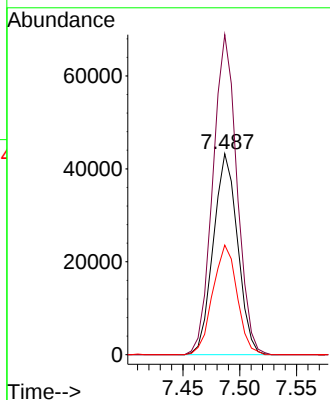
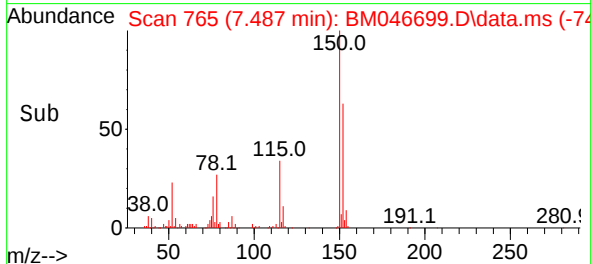


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.487 min Scan# 765
Delta R.T. -0.000 min
Lab File: BM046699.D
Acq: 18 Jul 2024 11:49

Instrument :
BNA_M
ClientSampleId :

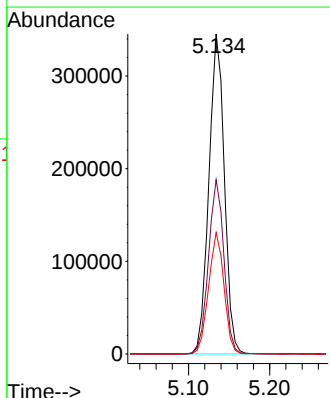
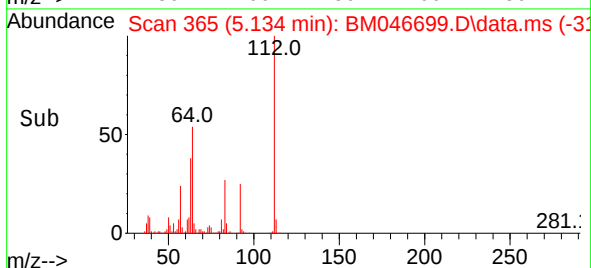
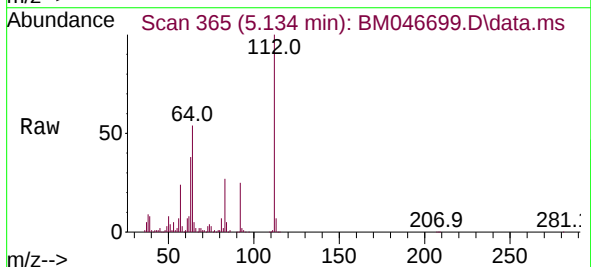


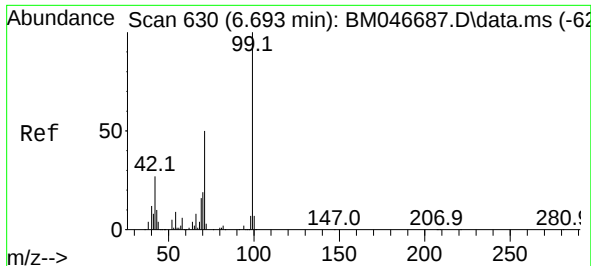
Tgt Ion:152 Resp: 64348
Ion Ratio Lower Upper
152 100
150 159.2 127.3 190.9
115 54.6 46.5 69.7



#5
2-Fluorophenol
Concen: 144.252 ng
RT: 5.134 min Scan# 365
Delta R.T. 0.000 min
Lab File: BM046699.D
Acq: 18 Jul 2024 11:49

Tgt Ion:112 Resp: 456998
Ion Ratio Lower Upper
112 100
64 54.4 43.5 65.3
63 38.0 28.6 42.8

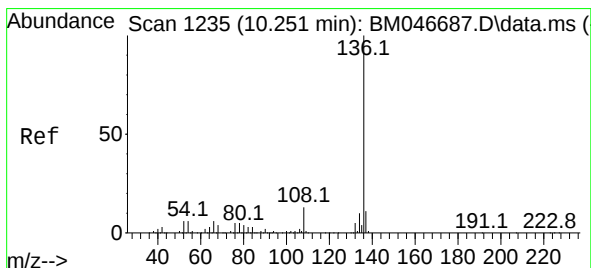
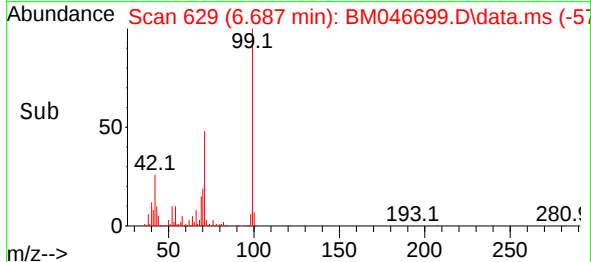
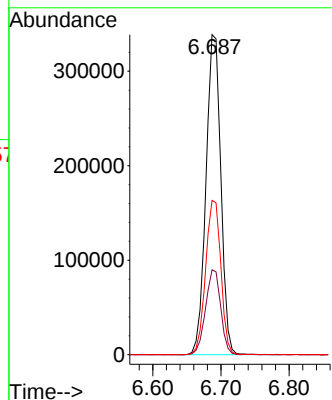
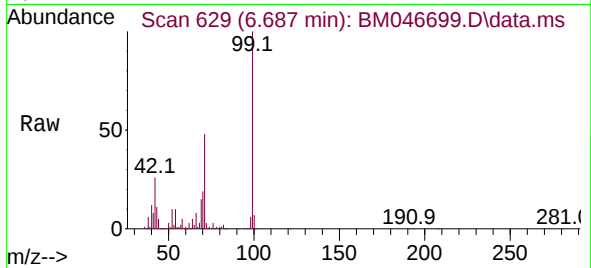




#7
Phenol-d6
Concen: 127.440 ng
RT: 6.687 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM046699.D
Acq: 18 Jul 2024 11:49

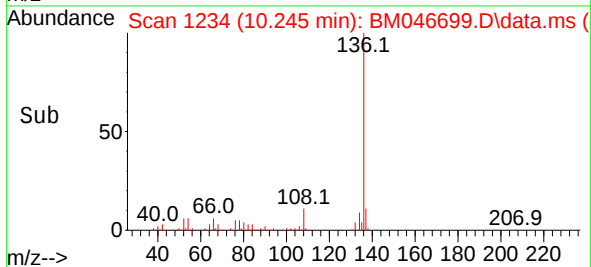
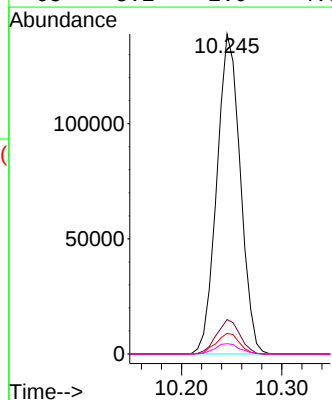
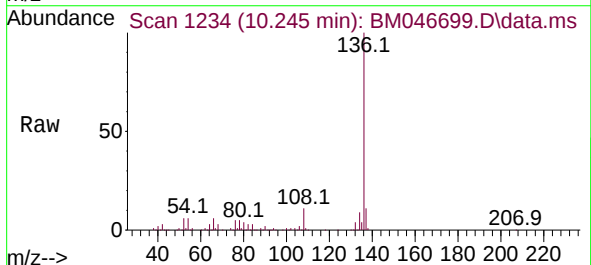
Instrument :
BNA_M
ClientSampleId :

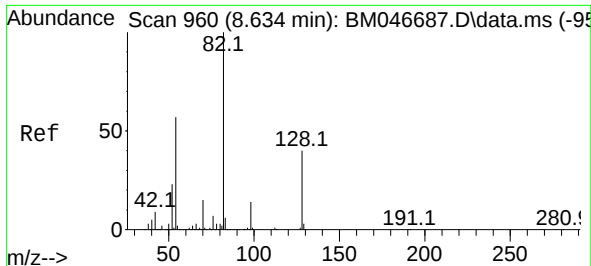
Tgt Ion: 99 Resp: 514104
Ion Ratio Lower Upper
99 100
42 26.5 21.4 32.0
71 48.2 39.9 59.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.245 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BM046699.D
Acq: 18 Jul 2024 11:49

Tgt Ion: 136 Resp: 225326
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 6.5 5.1 7.7
68 3.2 2.9 4.3





#23

Nitrobenzene-d5

Concen: 103.557 ng

RT: 8.628 min Scan# 90

Delta R.T. -0.006 min

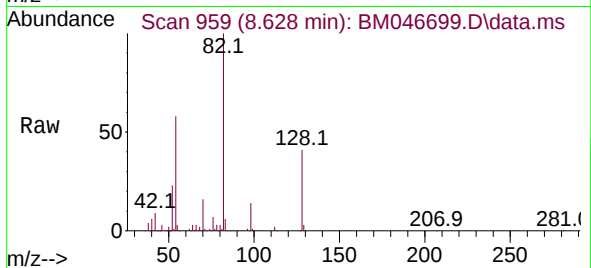
Lab File: BM046699.D

Acq: 18 Jul 2024 11:49

Instrument :

BNA_M

ClientSampleId :



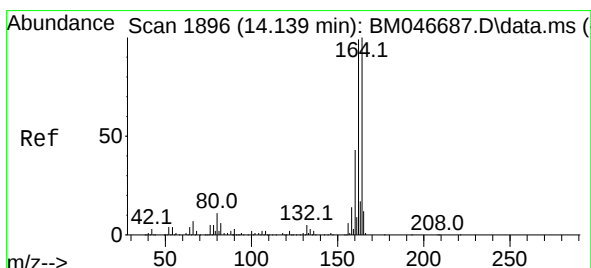
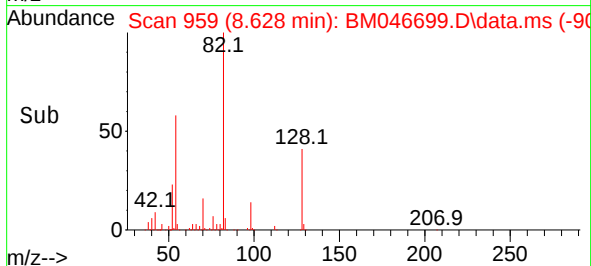
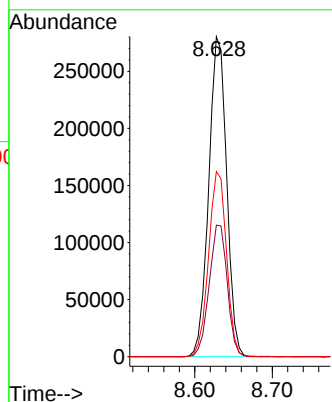
Tgt Ion: 82 Resp: 449426

Ion Ratio Lower Upper

82 100

128 41.1 32.0 48.0

54 57.8 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: BM046699.D

Acq: 18 Jul 2024 11:49

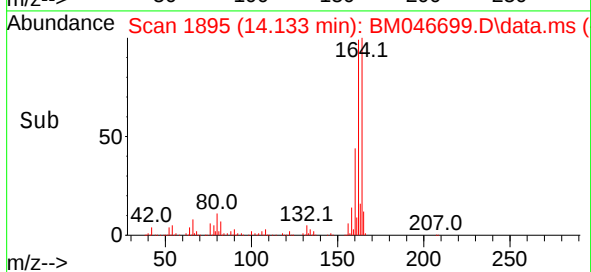
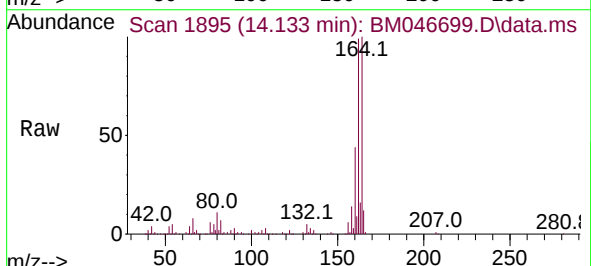
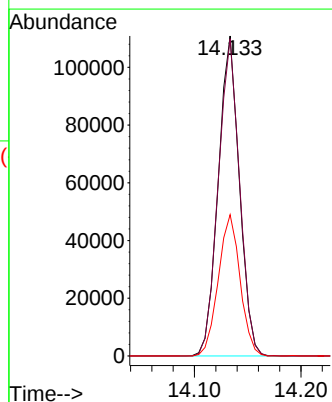
Tgt Ion: 164 Resp: 152381

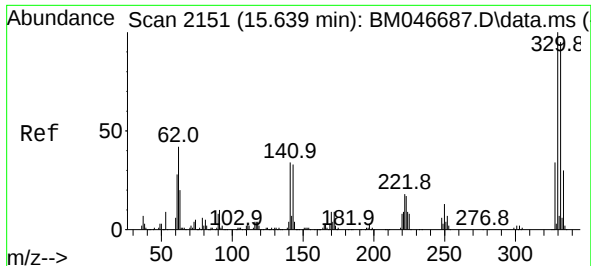
Ion Ratio Lower Upper

164 100

162 99.1 79.0 118.6

160 44.1 34.6 51.8





#42

2,4,6-Tribromophenol

Concen: 151.924 ng

RT: 15.633 min Scan# 2151

Delta R.T. -0.006 min

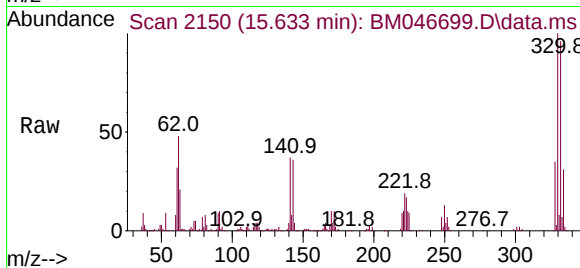
Lab File: BM046699.D

Acq: 18 Jul 2024 11:49

Instrument :

BNA_M

ClientSampleId :



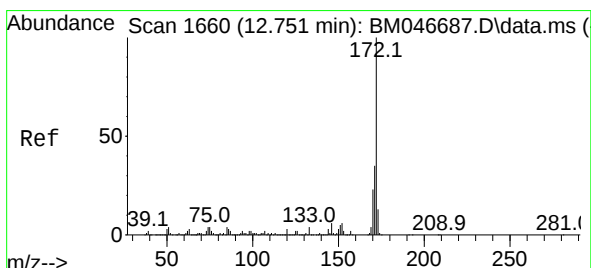
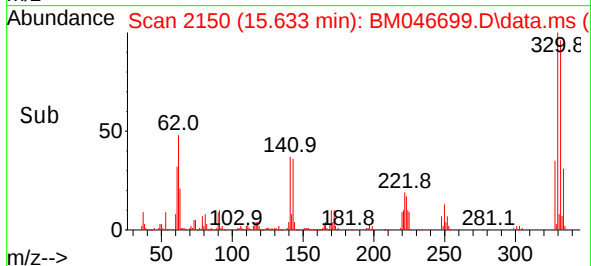
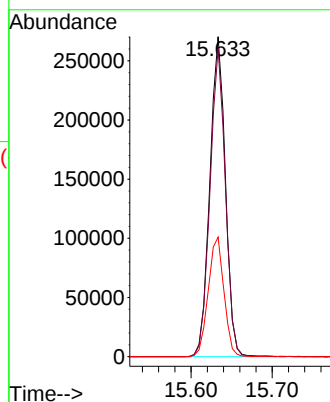
Tgt Ion:330 Resp: 359082

Ion Ratio Lower Upper

330 100

332 95.1 75.5 113.3

141 37.7 29.7 44.5



#45

2-Fluorobiphenyl

Concen: 104.192 ng

RT: 12.745 min Scan# 1659

Delta R.T. -0.006 min

Lab File: BM046699.D

Acq: 18 Jul 2024 11:49

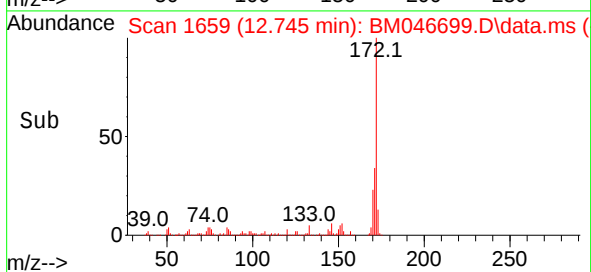
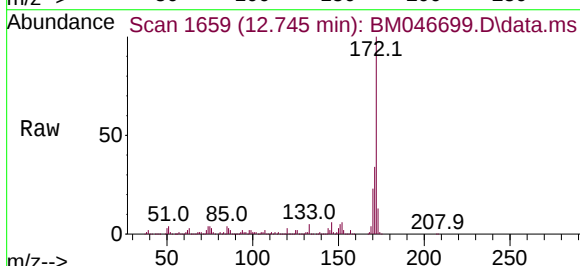
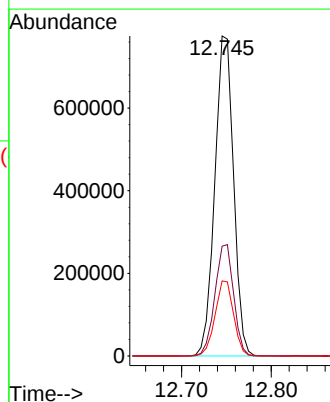
Tgt Ion:172 Resp: 1124003

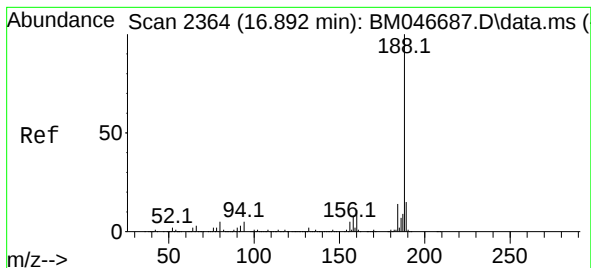
Ion Ratio Lower Upper

172 100

171 34.3 27.8 41.8

170 23.4 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: BM046699.D

Acq: 18 Jul 2024 11:49

Instrument :

BNA_M

ClientSampleId :

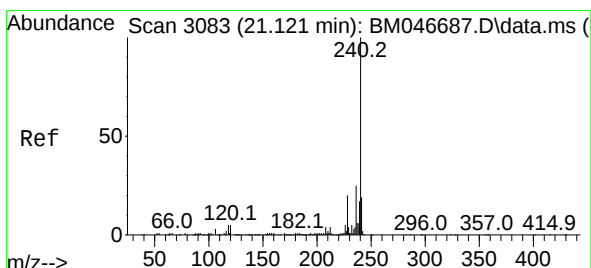
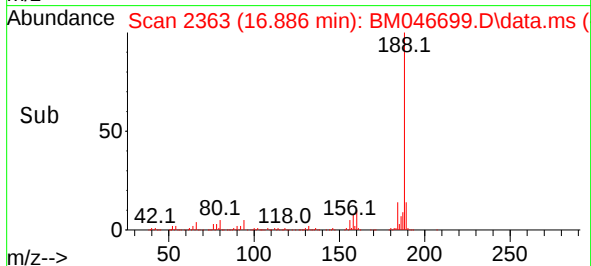
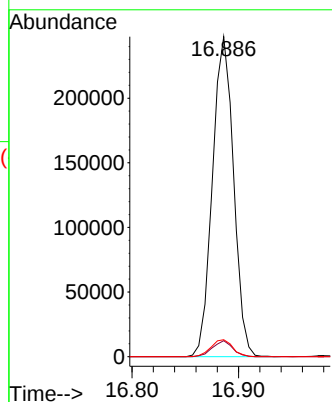
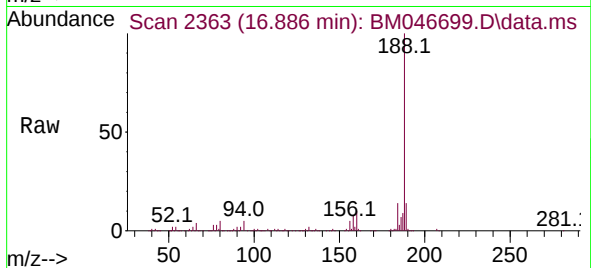
Tgt Ion:188 Resp: 340793

Ion Ratio Lower Upper

188 100

94 5.0 3.8 5.6

80 5.3 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: BM046699.D

Acq: 18 Jul 2024 11:49

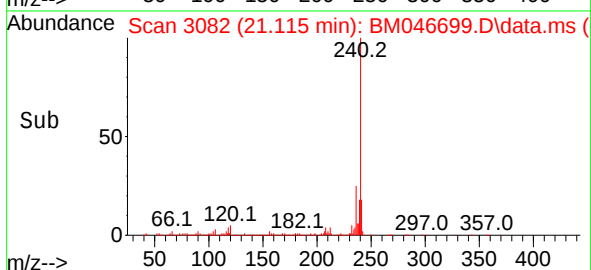
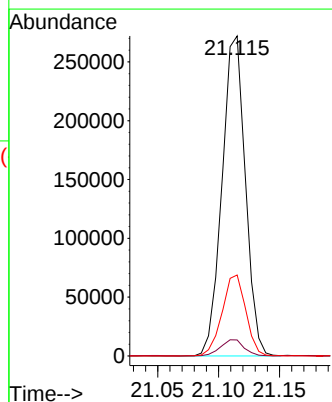
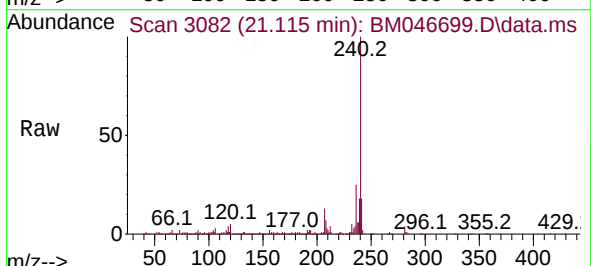
Tgt Ion:240 Resp: 363106

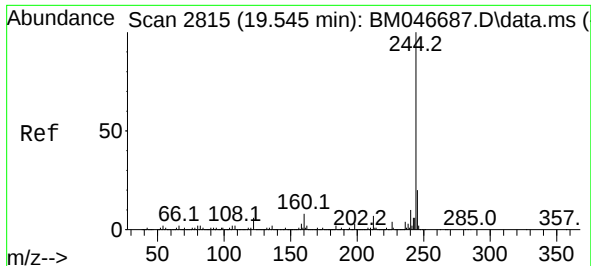
Ion Ratio Lower Upper

240 100

120 5.0 3.9 5.9

236 25.3 20.2 30.2

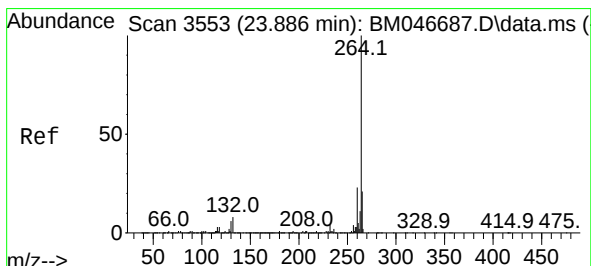
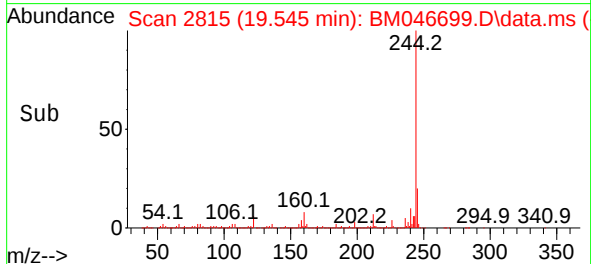
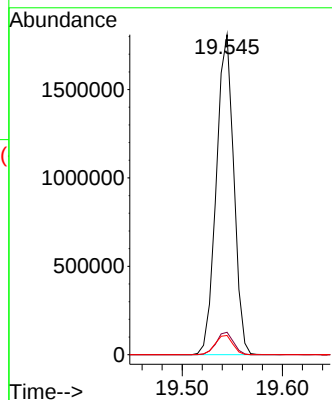
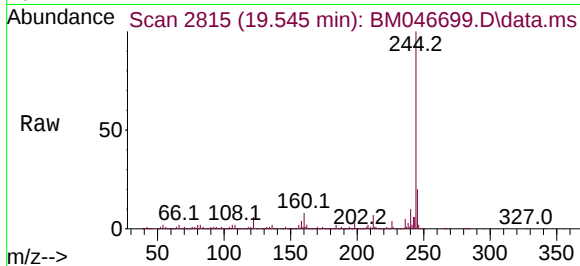




#79
 Terphenyl-d14
 Concen: 108.894 ng
 RT: 19.545 min Scan# 2186
 Delta R.T. 0.000 min
 Lab File: BM046699.D
 Acq: 18 Jul 2024 11:49

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:244 Resp: 2186456
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 6.0 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: BM046699.D
 Acq: 18 Jul 2024 11:49

Tgt Ion:264 Resp: 426423
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.1 27.1
 265 21.7 16.9 25.3

