

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071824\
 Data File : BM046703.D
 Acq On : 18 Jul 2024 15:20
 Operator : MA/JU
 Sample : P3246-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-CTW2-BL-03

Quant Time: Jul 18 16:00:41 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	7.486	152	87691	20.000	ng	0.00
21) Naphthalene-d8	10.245	136	296769	20.000	ng	0.00
39) Acenaphthene-d10	14.133	164	195018	20.000	ng	0.00
64) Phenanthrene-d10	16.886	188	380072	20.000	ng	0.00
76) Chrysene-d12	21.115	240	345929	20.000	ng	0.00
86) Perylene-d12	23.880	264	323061	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.140	112	573455	132.827	ng	0.00
7) Phenol-d6	6.692	99	645989	117.506	ng	0.00
23) Nitrobenzene-d5	8.633	82	555064	97.109	ng	0.00
42) 2,4,6-Tribromophenol	15.633	330	403512	133.397	ng	0.00
45) 2-Fluorobiphenyl	12.751	172	1404930	101.760	ng	0.00
79) Terphenyl-d14	19.545	244	2065857	107.996	ng	0.00

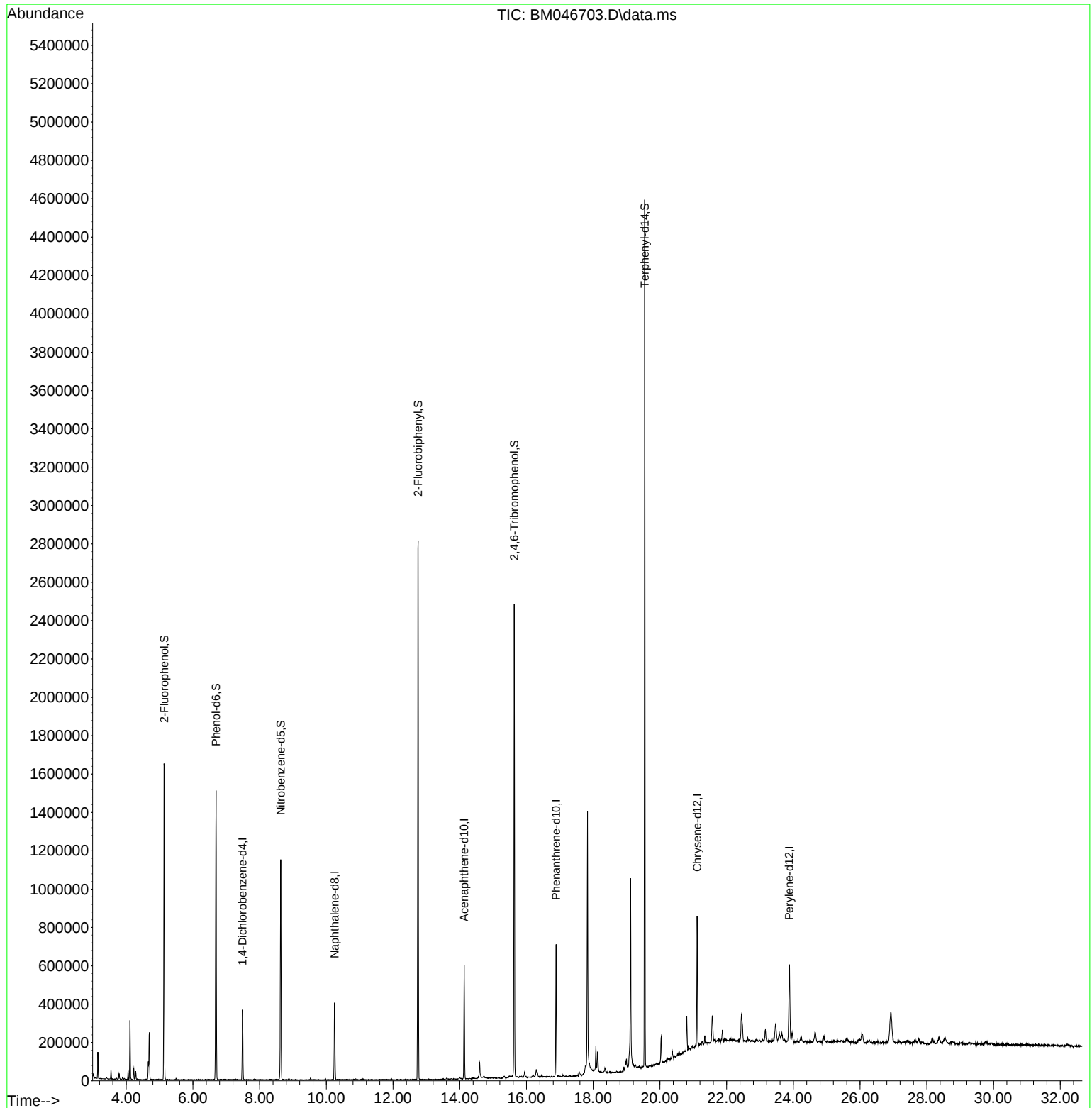
Target Compounds	Qvalue

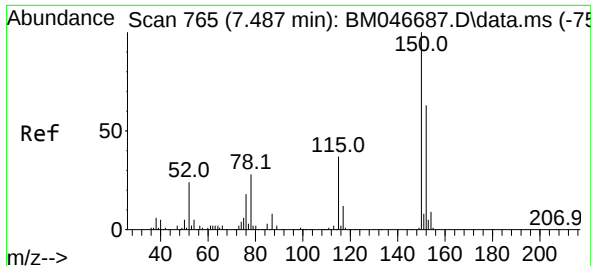
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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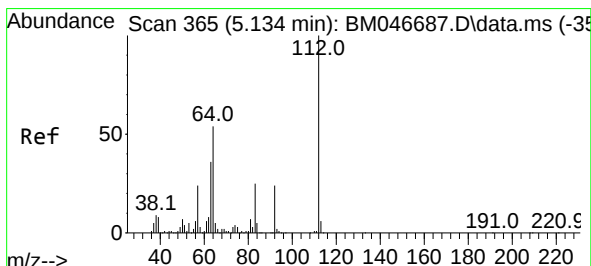
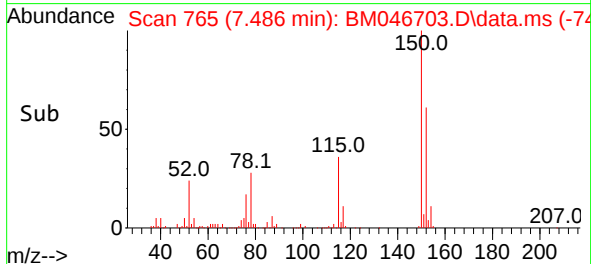
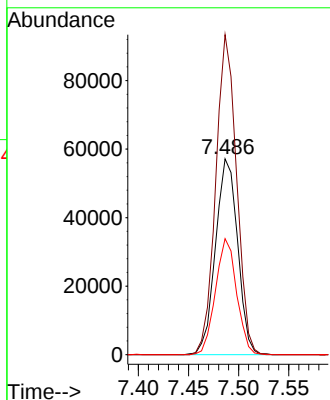
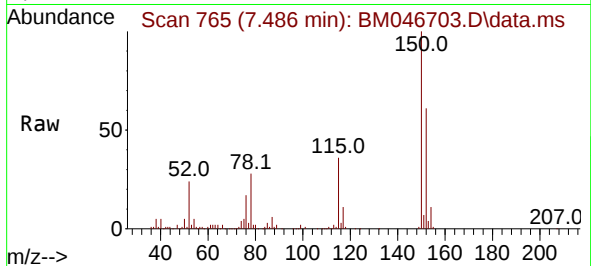




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.486 min Scan# 70
 Delta R.T. -0.001 min
 Lab File: BM046703.D
 Acq: 18 Jul 2024 15:20

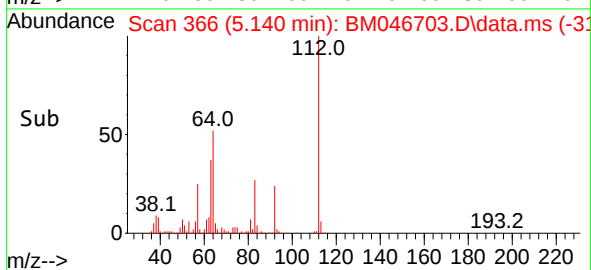
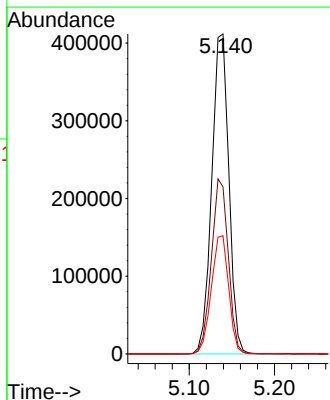
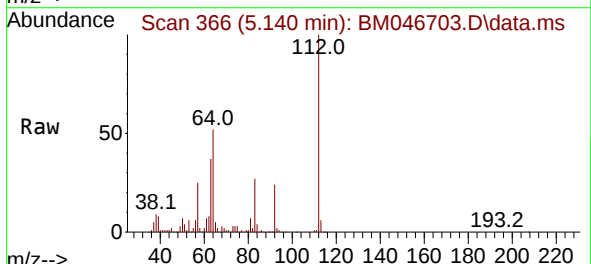
Instrument :
 BNA_M
 ClientSampleId :
 WC-CTW2-BL-03

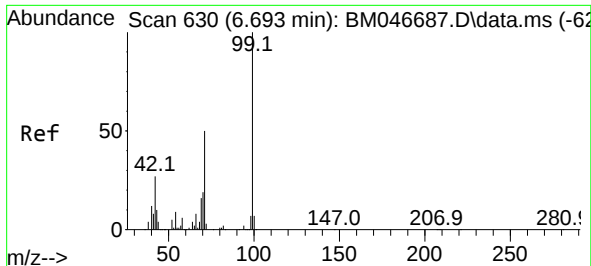
Tgt Ion:152 Resp: 87691
 Ion Ratio Lower Upper
 152 100
 150 163.4 127.3 190.9
 115 59.3 46.5 69.7



#5
 2-Fluorophenol
 Concen: 132.827 ng
 RT: 5.140 min Scan# 366
 Delta R.T. 0.006 min
 Lab File: BM046703.D
 Acq: 18 Jul 2024 15:20

Tgt Ion:112 Resp: 573455
 Ion Ratio Lower Upper
 112 100
 64 52.2 43.5 65.3
 63 37.0 28.6 42.8

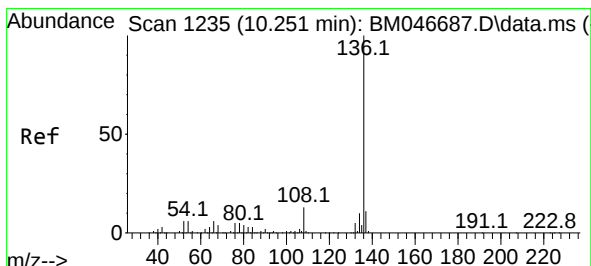
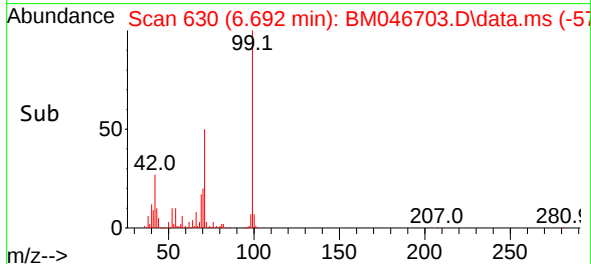
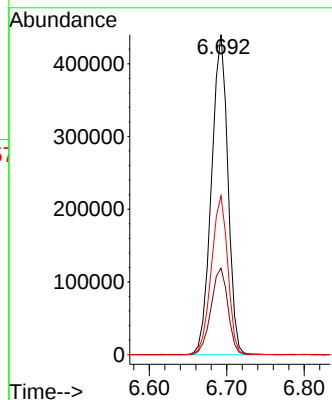
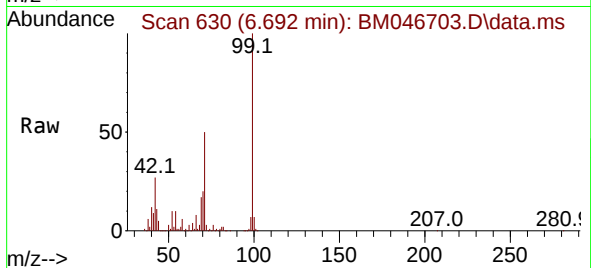




#7
Phenol-d6
Concen: 117.506 ng
RT: 6.692 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM046703.D
Acq: 18 Jul 2024 15:20

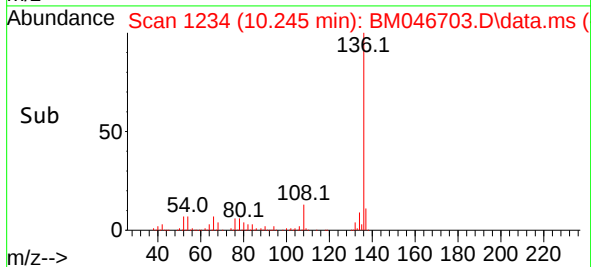
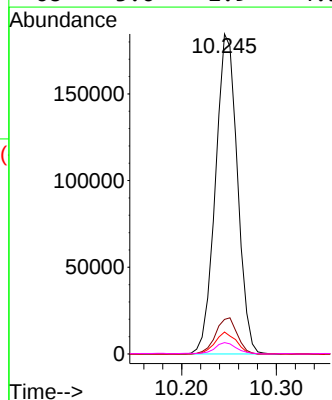
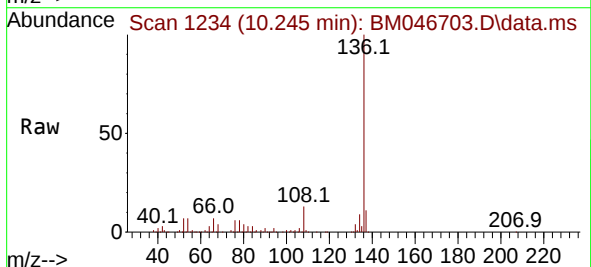
Instrument :
BNA_M
ClientSampleId :
WC-CTW2-BL-03

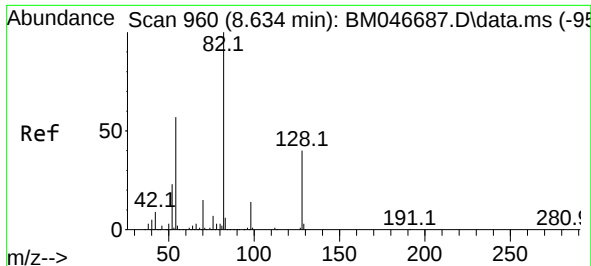
Tgt Ion: 99 Resp: 645989
Ion Ratio Lower Upper
99 100
42 27.0 21.4 32.0
71 49.7 39.9 59.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.245 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BM046703.D
Acq: 18 Jul 2024 15:20

Tgt Ion: 136 Resp: 296769
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 6.9 5.1 7.7
68 3.6 2.9 4.3

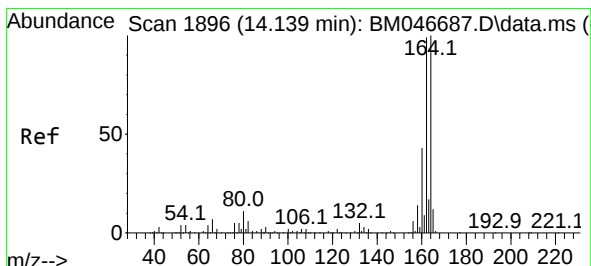
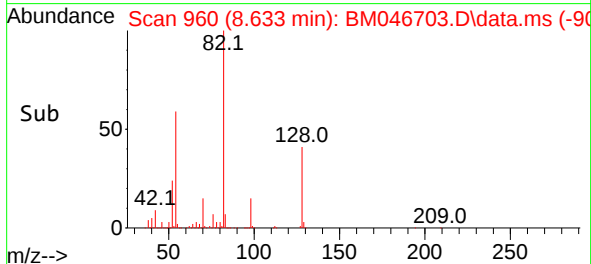
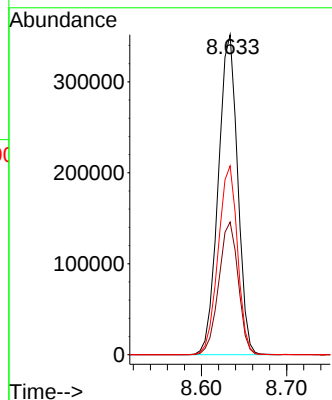
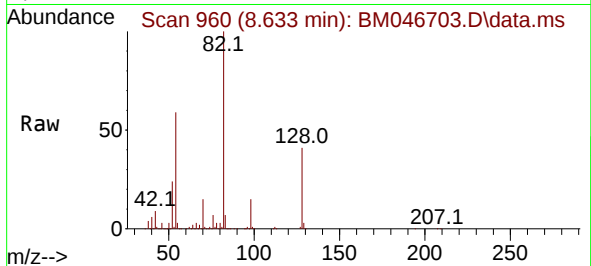




#23
Nitrobenzene-d5
Concen: 97.109 ng
RT: 8.633 min Scan# 90
Delta R.T. -0.000 min
Lab File: BM046703.D
Acq: 18 Jul 2024 15:20

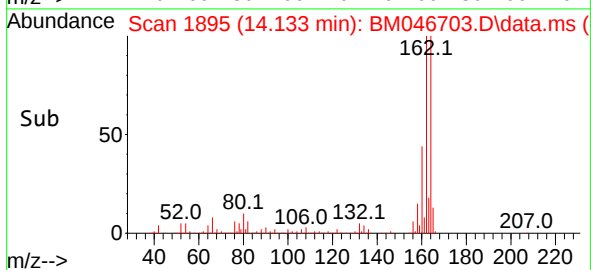
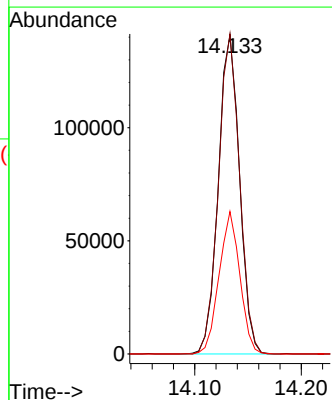
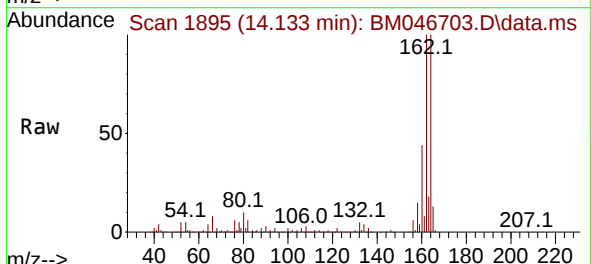
Instrument :
BNA_M
ClientSampleId :
WC-CTW2-BL-03

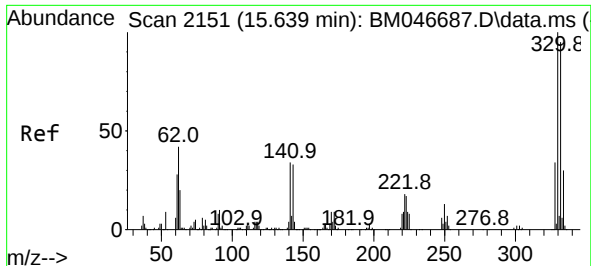
Tgt Ion: 82 Resp: 555064
Ion Ratio Lower Upper
82 100
128 41.5 32.0 48.0
54 59.0 45.2 67.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.133 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BM046703.D
Acq: 18 Jul 2024 15:20

Tgt Ion: 164 Resp: 195018
Ion Ratio Lower Upper
164 100
162 100.4 79.0 118.6
160 44.7 34.6 51.8





#42

2,4,6-Tribromophenol

Concen: 133.397 ng

RT: 15.633 min Scan# 2151

Delta R.T. -0.006 min

Lab File: BM046703.D

Acq: 18 Jul 2024 15:20

Instrument :

BNA_M

ClientSampleId :

WC-CTW2-BL-03

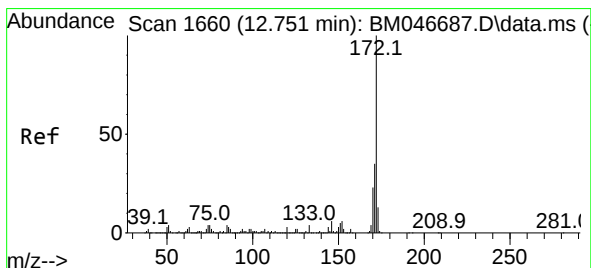
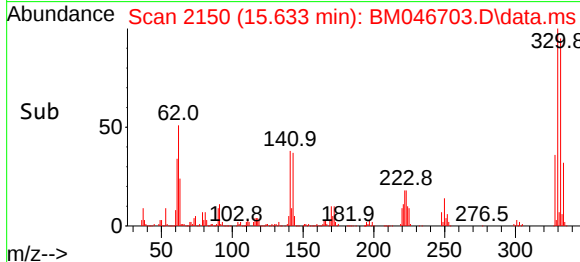
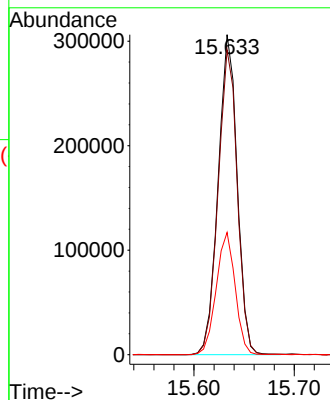
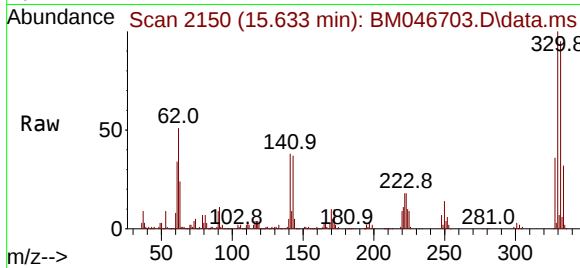
Tgt Ion:330 Resp: 403512

Ion Ratio Lower Upper

330 100

332 95.7 75.5 113.3

141 38.1 29.7 44.5



#45

2-Fluorobiphenyl

Concen: 101.760 ng

RT: 12.751 min Scan# 1660

Delta R.T. -0.000 min

Lab File: BM046703.D

Acq: 18 Jul 2024 15:20

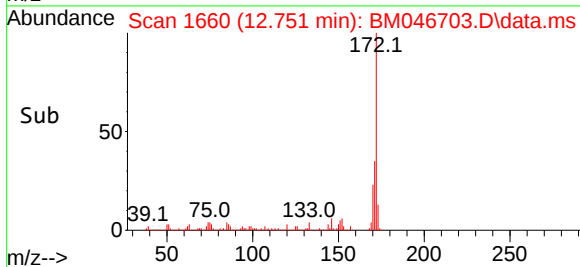
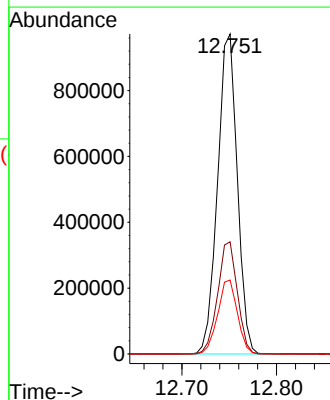
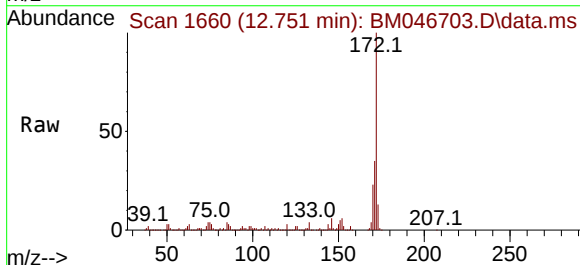
Tgt Ion:172 Resp: 1404930

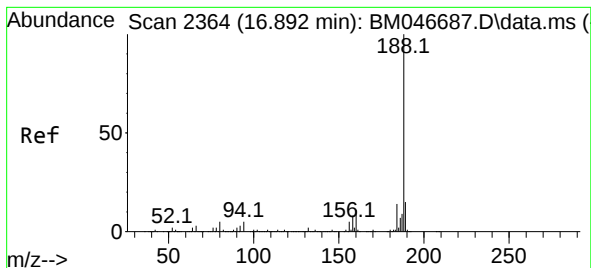
Ion Ratio Lower Upper

172 100

171 35.0 27.8 41.8

170 23.1 18.5 27.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.886 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM046703.D

Acq: 18 Jul 2024 15:20

Instrument :

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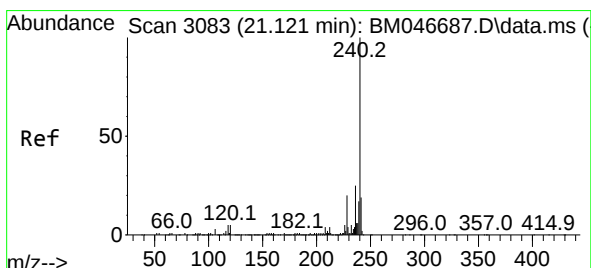
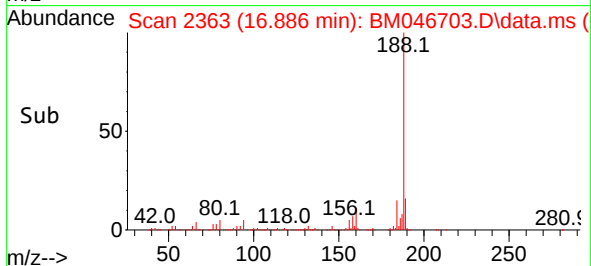
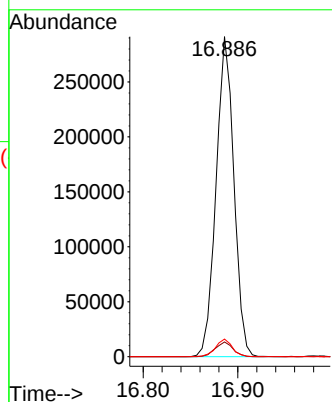
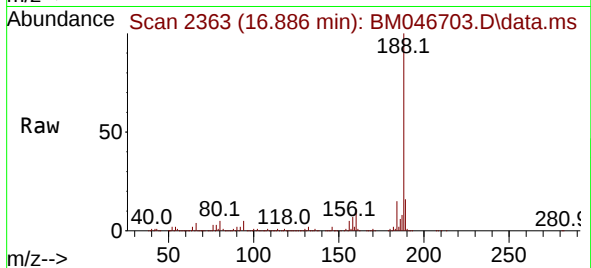
Tgt Ion:188 Resp: 380072

Ion Ratio Lower Upper

188 100

94 4.6 3.8 5.6

80 5.5 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: BM046703.D

Acq: 18 Jul 2024 15:20

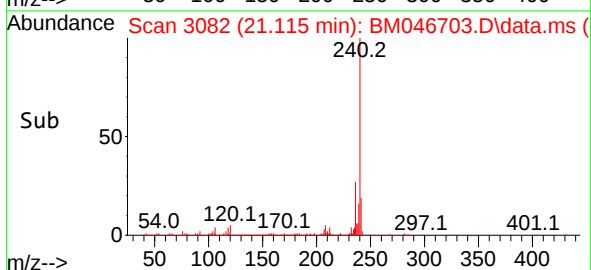
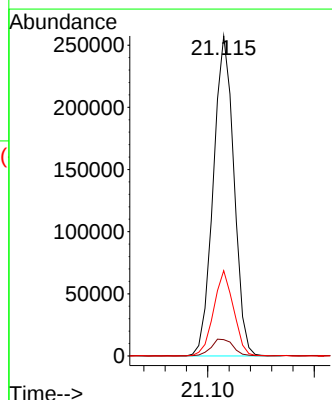
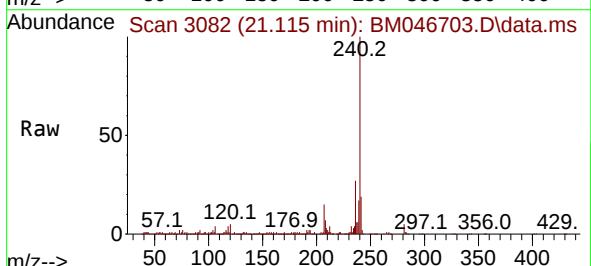
Tgt Ion:240 Resp: 345929

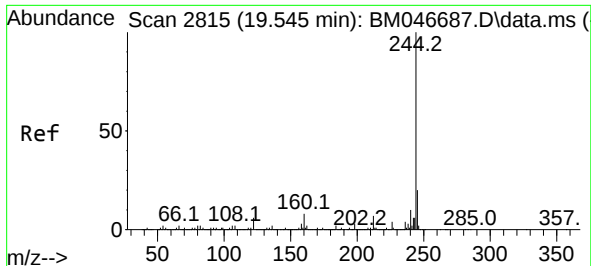
Ion Ratio Lower Upper

240 100

120 5.1 3.9 5.9

236 26.7 20.2 30.2

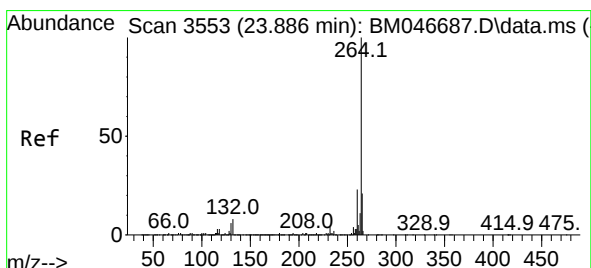
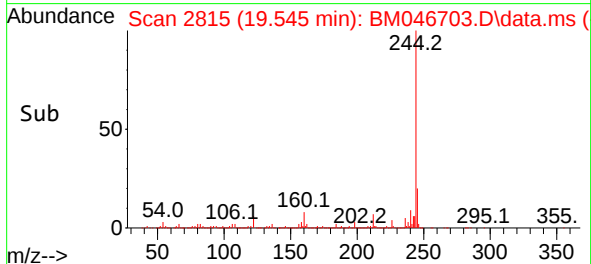
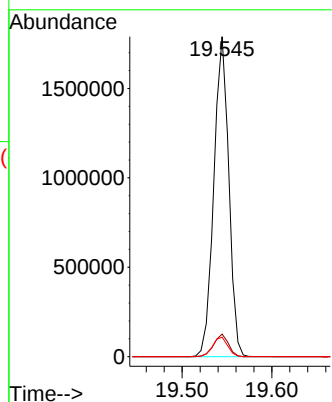
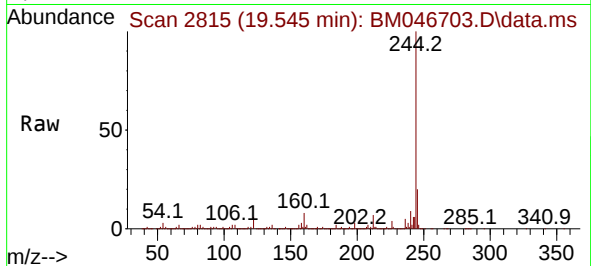




#79
 Terphenyl-d14
 Concen: 107.996 ng
 RT: 19.545 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM046703.D
 Acq: 18 Jul 2024 15:20

Instrument :
 BNA_M
 ClientSampleId :
 WC-CTW2-BL-03

Tgt Ion:244 Resp: 2065857
 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: BM046703.D
 Acq: 18 Jul 2024 15:20

Tgt Ion:264 Resp: 323061
 Ion Ratio Lower Upper
 264 100
 260 25.2 18.1 27.1
 265 22.0 16.9 25.3

