

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071824\
 Data File : BM046707.D
 Acq On : 18 Jul 2024 18:01
 Operator : MA/JU
 Sample : P3248-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-120-SB02

Quant Time: Jul 18 19:09:40 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	79264	20.000	ng	0.00
21) Naphthalene-d8	10.245	136	266217	20.000	ng	0.00
39) Acenaphthene-d10	14.133	164	173949	20.000	ng	0.00
64) Phenanthrene-d10	16.886	188	334264	20.000	ng	0.00
76) Chrysene-d12	21.115	240	312768	20.000	ng	0.00
86) Perylene-d12	23.880	264	407558	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.134	112	388870	99.649	ng	0.00
7) Phenol-d6	6.687	99	472038	94.993	ng	0.00
23) Nitrobenzene-d5	8.628	82	319481	62.308	ng	0.00
42) 2,4,6-Tribromophenol	15.633	330	235705	87.359	ng	0.00
45) 2-Fluorobiphenyl	12.745	172	814791	66.164	ng	0.00
79) Terphenyl-d14	19.545	244	1044582	60.397	ng	0.00

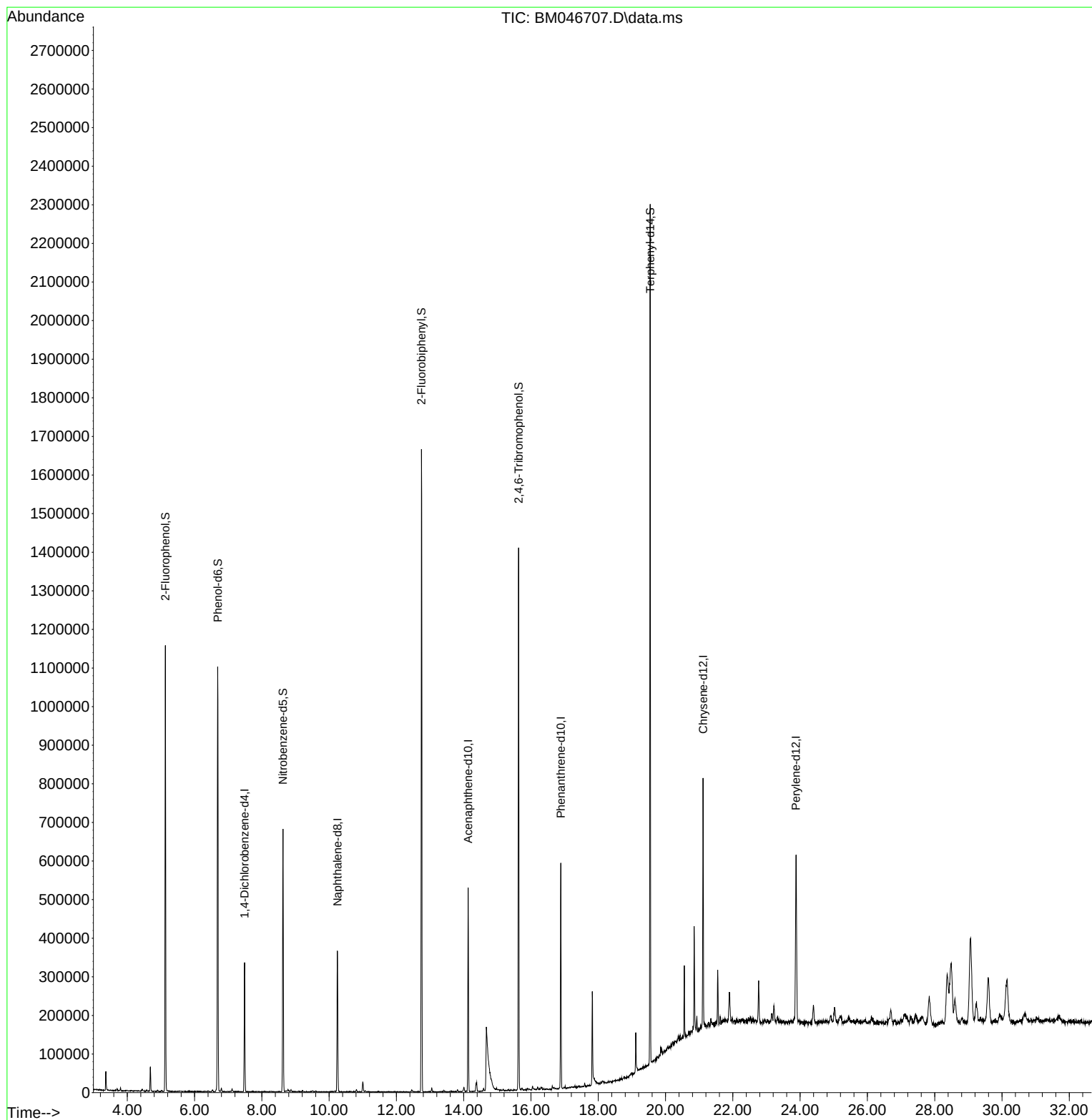
Target Compounds	Qvalue

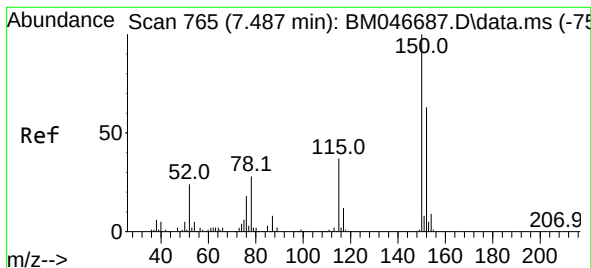
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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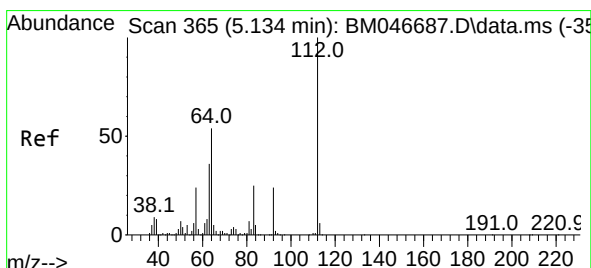
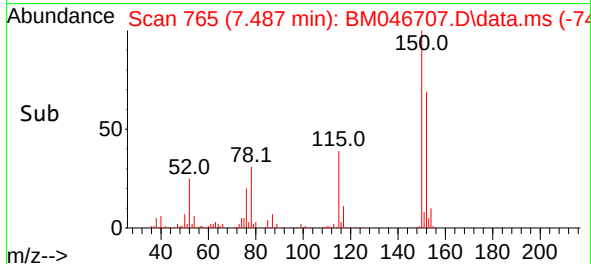
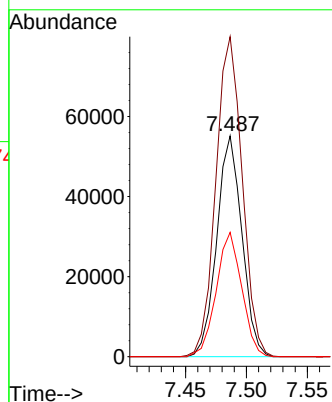
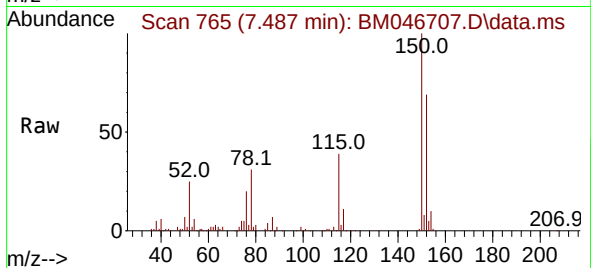




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.487 min Scan# 765
Delta R.T. -0.000 min
Lab File: BM046707.D
Acq: 18 Jul 2024 18:01

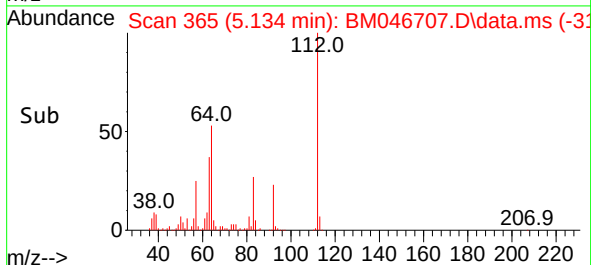
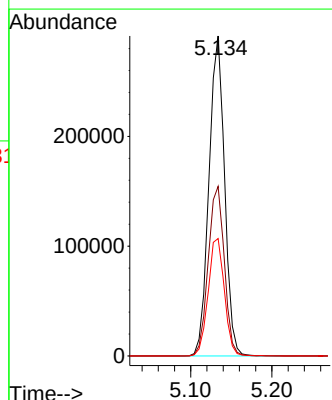
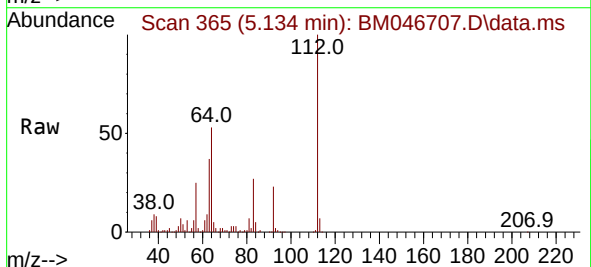
Instrument :
BNA_M
ClientSampleId :
B-120-SB02

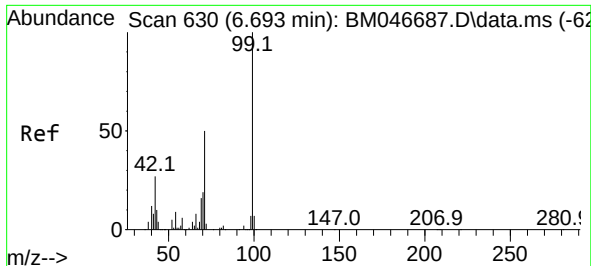
Tgt Ion:152 Resp: 79264
Ion Ratio Lower Upper
152 100
150 144.9 127.3 190.9
115 56.3 46.5 69.7



#5
2-Fluorophenol
Concen: 99.649 ng
RT: 5.134 min Scan# 365
Delta R.T. -0.000 min
Lab File: BM046707.D
Acq: 18 Jul 2024 18:01

Tgt Ion:112 Resp: 388870
Ion Ratio Lower Upper
112 100
64 53.0 43.5 65.3
63 36.7 28.6 42.8

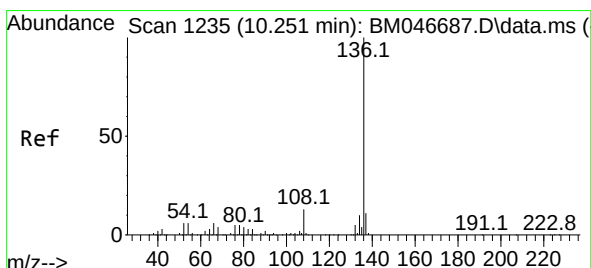
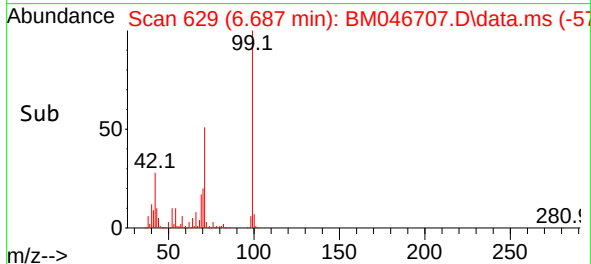
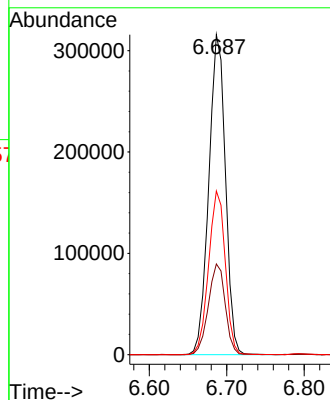
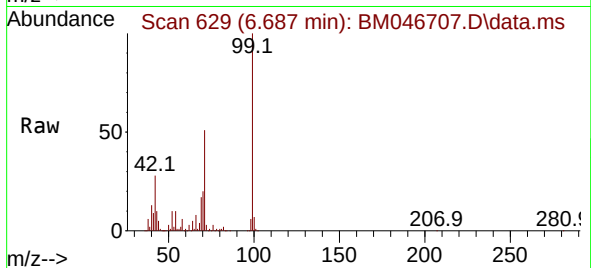




#7
Phenol-d6
Concen: 94.993 ng
RT: 6.687 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM046707.D
Acq: 18 Jul 2024 18:01

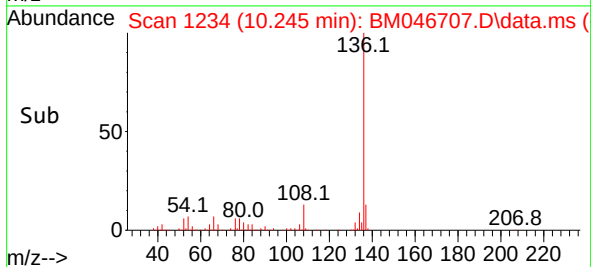
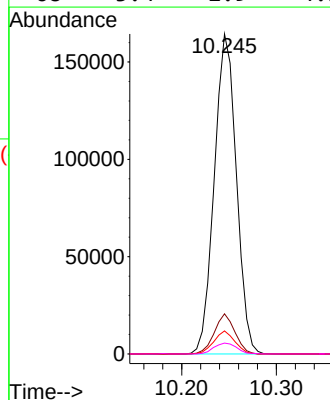
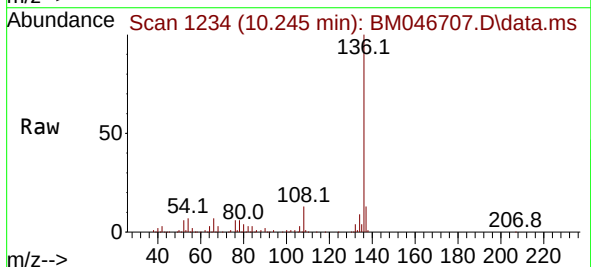
Instrument :
BNA_M
ClientSampleId :
B-120-SB02

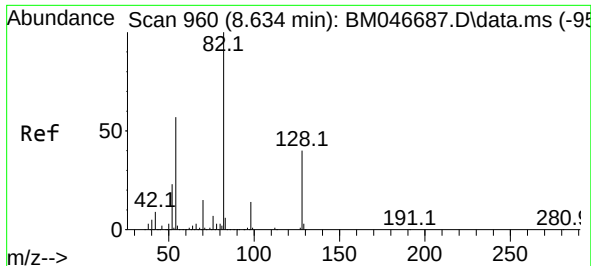
Tgt Ion: 99 Resp: 472038
Ion Ratio Lower Upper
99 100
42 28.4 21.4 32.0
71 51.2 39.9 59.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.245 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BM046707.D
Acq: 18 Jul 2024 18:01

Tgt Ion: 136 Resp: 266217
Ion Ratio Lower Upper
136 100
137 12.5 8.7 13.1
54 7.2 5.1 7.7
68 3.4 2.9 4.3

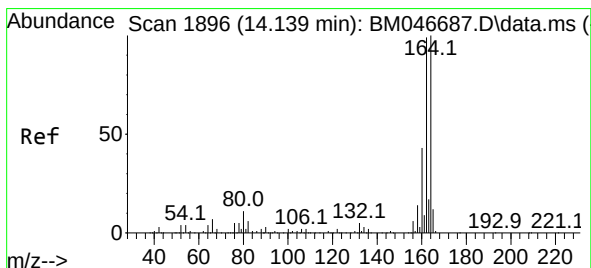
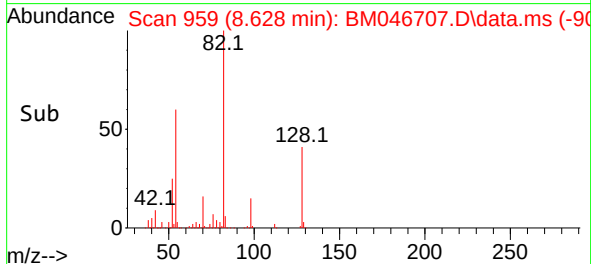
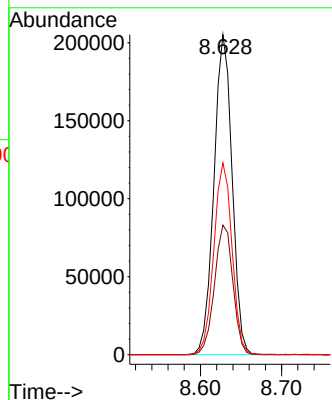
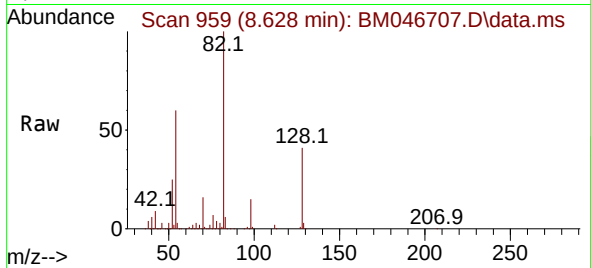




#23
Nitrobenzene-d5
Concen: 62.308 ng
RT: 8.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM046707.D
Acq: 18 Jul 2024 18:01

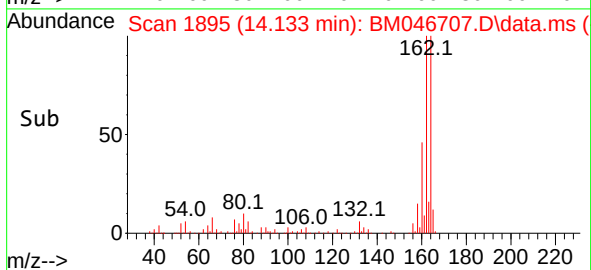
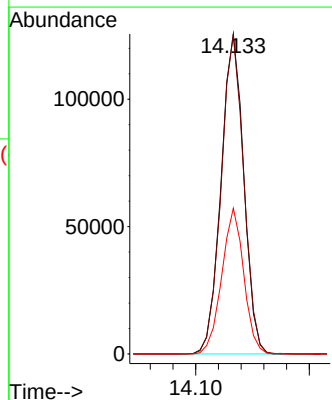
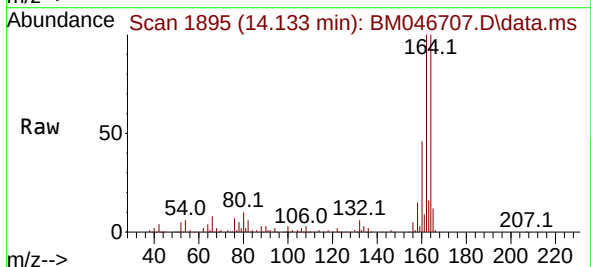
Instrument :
BNA_M
ClientSampleId :
B-120-SB02

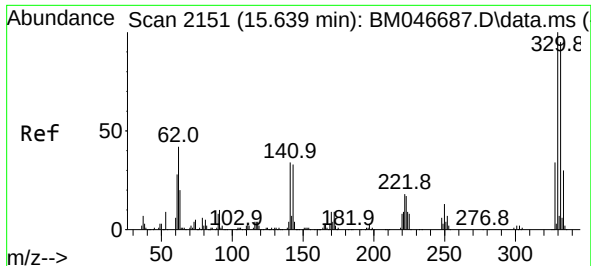
Tgt Ion: 82 Resp: 319481
Ion Ratio Lower Upper
82 100
128 40.5 32.0 48.0
54 59.9 45.2 67.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.133 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BM046707.D
Acq: 18 Jul 2024 18:01

Tgt Ion: 164 Resp: 173949
Ion Ratio Lower Upper
164 100
162 99.6 79.0 118.6
160 45.6 34.6 51.8





#42

2,4,6-Tribromophenol

Concen: 87.359 ng

RT: 15.633 min Scan# 2151

Delta R.T. -0.006 min

Lab File: BM046707.D

Acq: 18 Jul 2024 18:01

Instrument :

BNA_M

ClientSampleId :

B-120-SB02

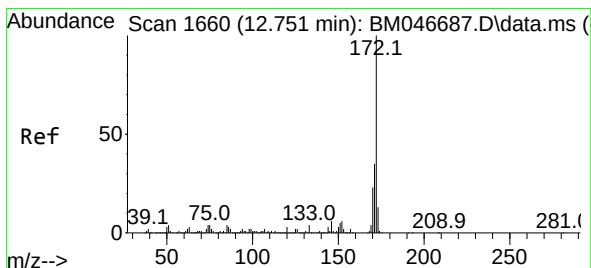
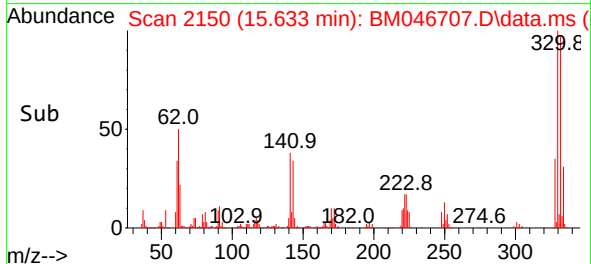
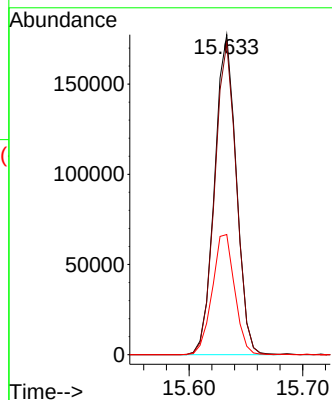
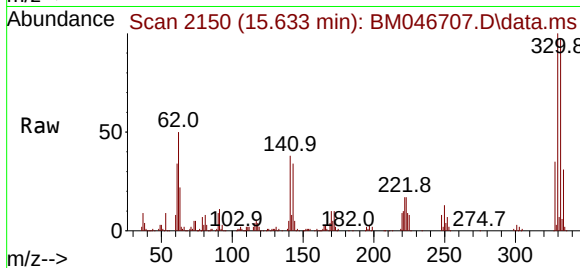
Tgt Ion:330 Resp: 235705

Ion Ratio Lower Upper

330 100

332 97.0 75.5 113.3

141 38.8 29.7 44.5



#45

2-Fluorobiphenyl

Concen: 66.164 ng

RT: 12.745 min Scan# 1659

Delta R.T. -0.006 min

Lab File: BM046707.D

Acq: 18 Jul 2024 18:01

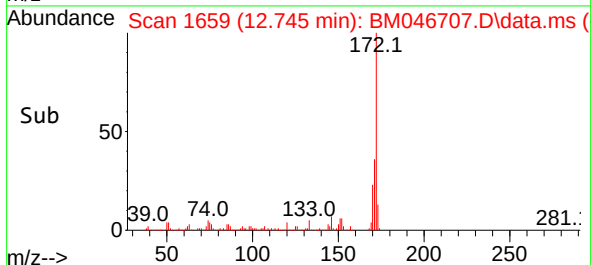
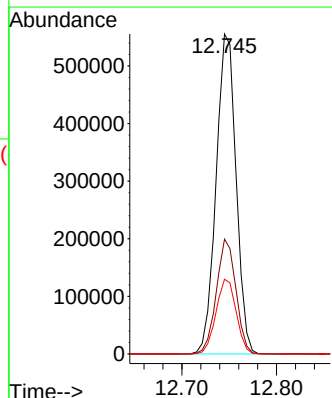
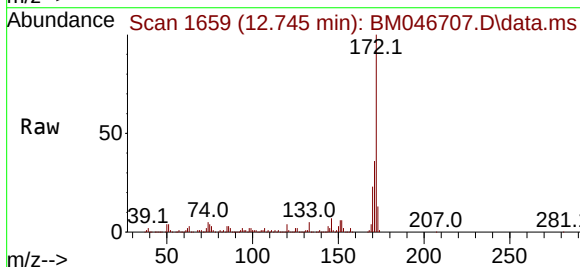
Tgt Ion:172 Resp: 814791

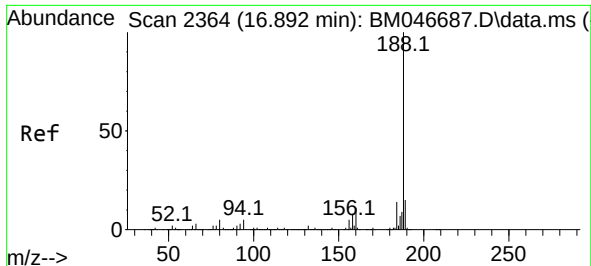
Ion Ratio Lower Upper

172 100

171 35.9 27.8 41.8

170 23.4 18.5 27.7

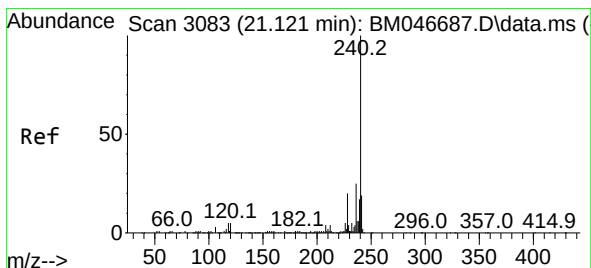
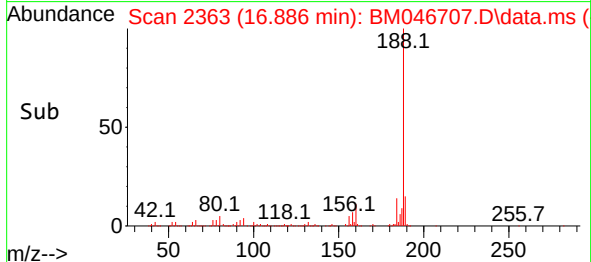
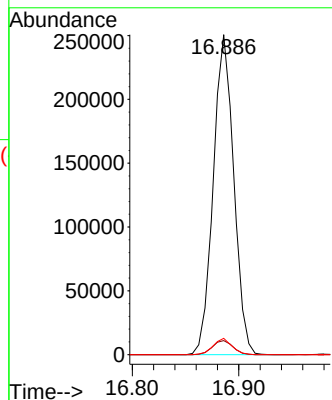
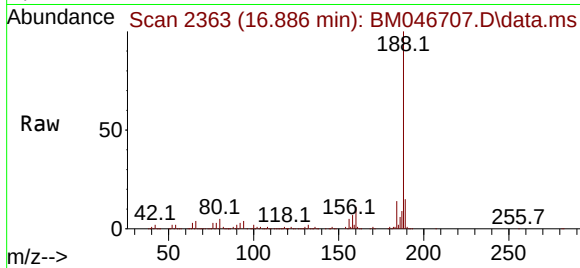




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.886 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM046707.D
Acq: 18 Jul 2024 18:01

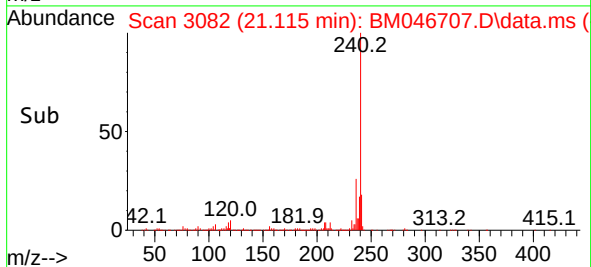
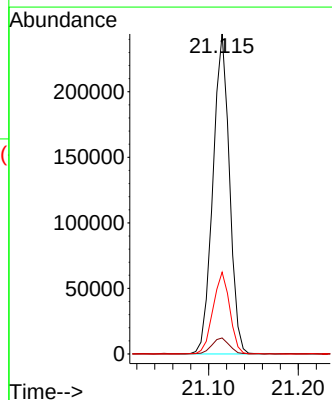
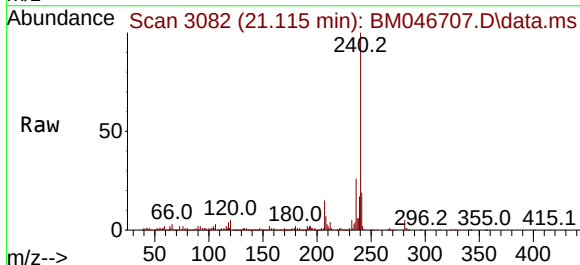
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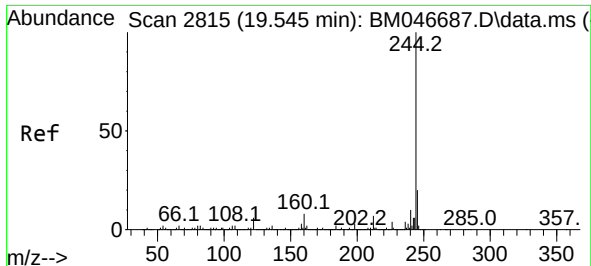
Tgt Ion:188 Resp: 334264
Ion Ratio Lower Upper
188 100
94 4.4 3.8 5.6
80 5.1 4.2 6.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.115 min Scan# 3082
Delta R.T. -0.006 min
Lab File: BM046707.D
Acq: 18 Jul 2024 18:01

Tgt Ion:240 Resp: 312768
Ion Ratio Lower Upper
240 100
120 5.0 3.9 5.9
236 25.5 20.2 30.2

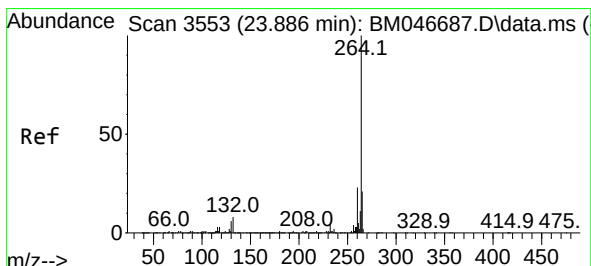
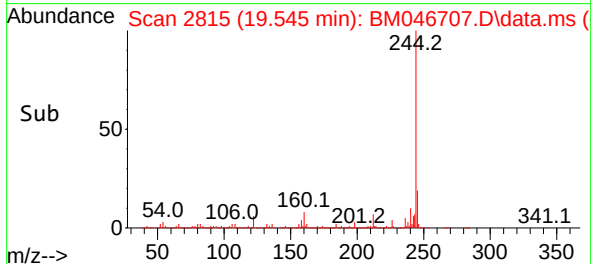
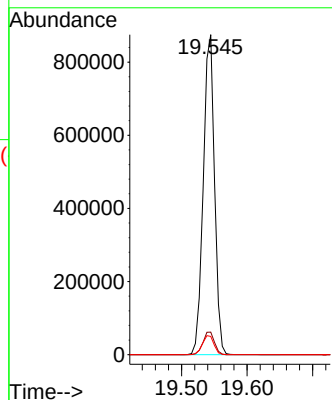
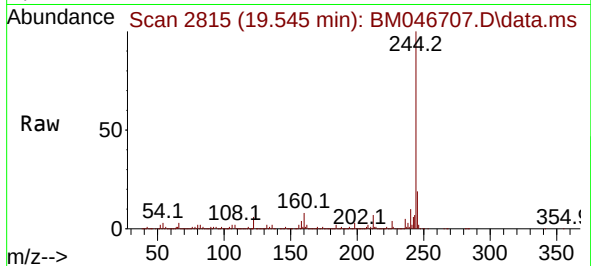




#79
 Terphenyl-d14
 Concen: 60.397 ng
 RT: 19.545 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM046707.D
 Acq: 18 Jul 2024 18:01

Instrument :
 BNA_M
 ClientSampleId :
 B-120-SB02

Tgt Ion:244 Resp: 1044582
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 5.7 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: BM046707.D
 Acq: 18 Jul 2024 18:01

Tgt Ion:264 Resp: 407558
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.1 27.1
 265 22.8 16.9 25.3

