

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080924\
 Data File : BF138890.D
 Acq On : 09 Aug 2024 16:02
 Operator : RC/JU
 Sample : P3469-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MLS-15-513-528

Quant Time: Aug 09 16:28:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	47819	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	201810	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	120465	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	224761	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	104422	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	88887	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	185457	59.868	ng	0.00
7) Phenol-d6	6.481	99	150714	36.237	ng	0.00
23) Nitrobenzene-d5	7.404	82	391221	94.779	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	137777	139.624	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	748466	93.352	ng	-0.01
79) Terphenyl-d14	12.945	244	862685	138.320	ng	0.00

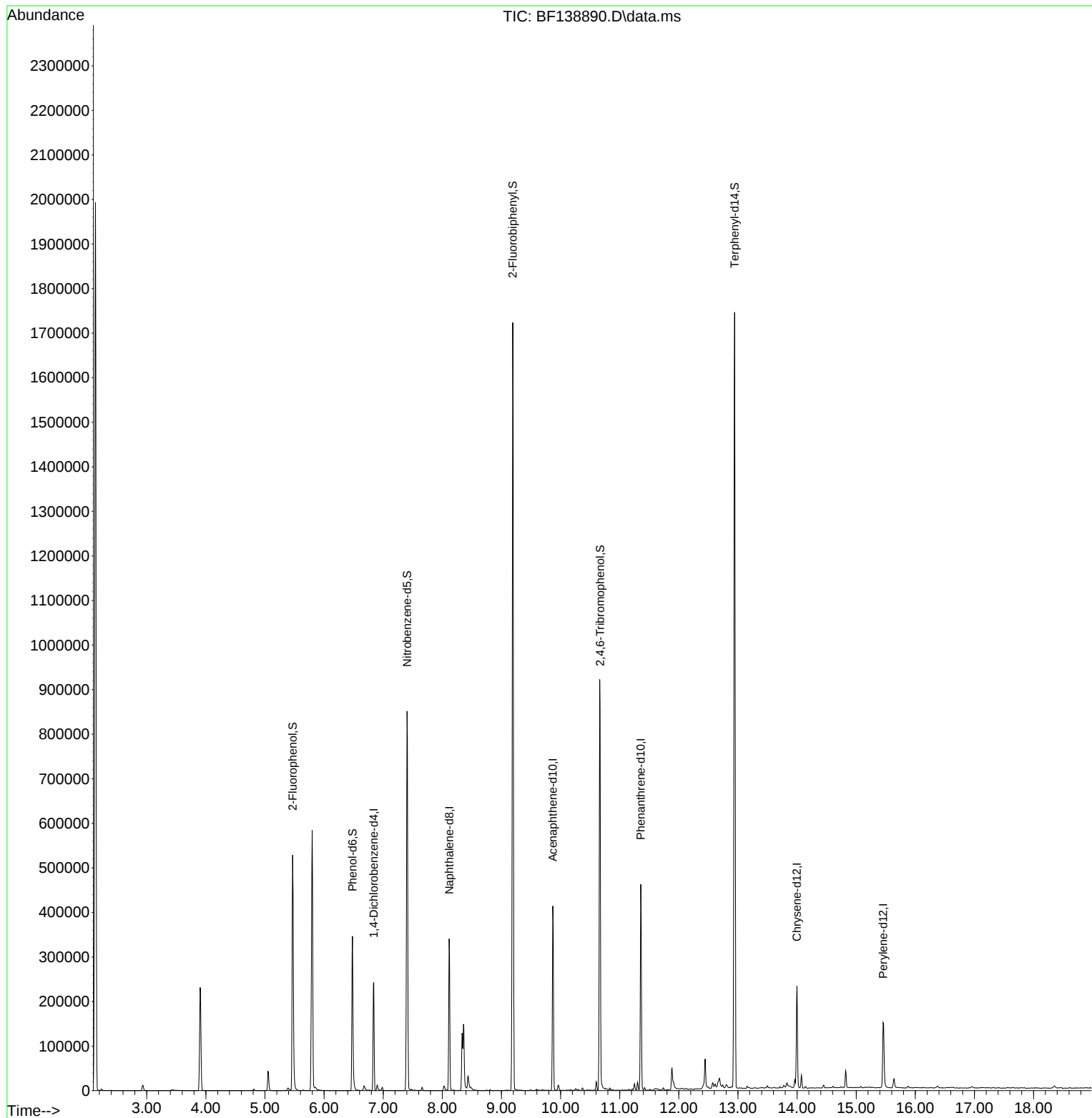
Target Compounds	Qvalue

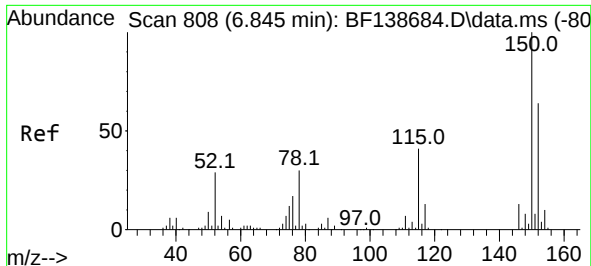
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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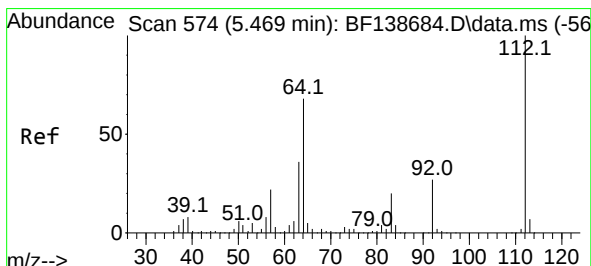
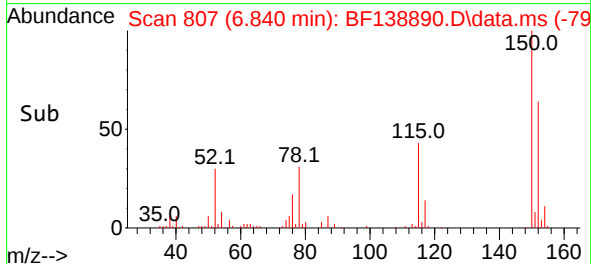
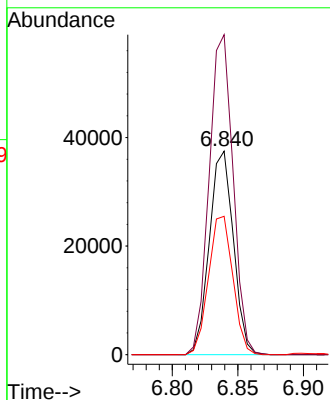
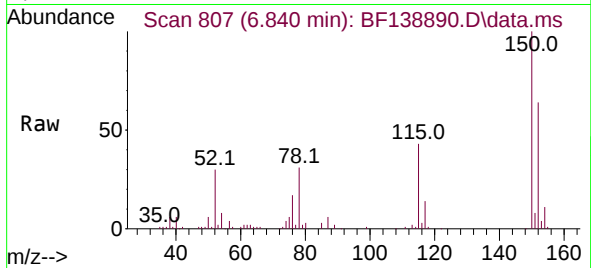




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF138890.D
Acq: 09 Aug 2024 16:02

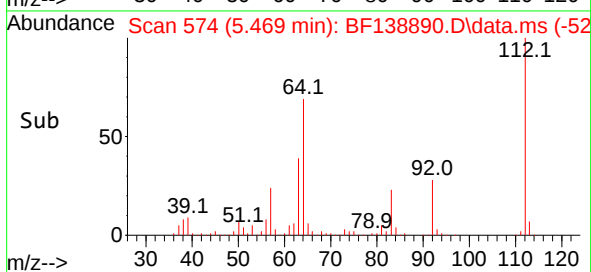
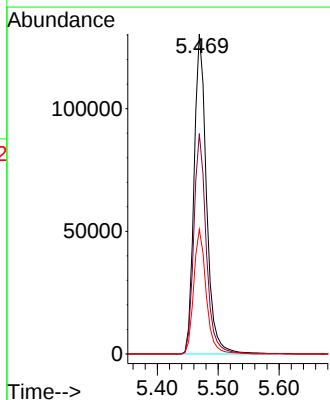
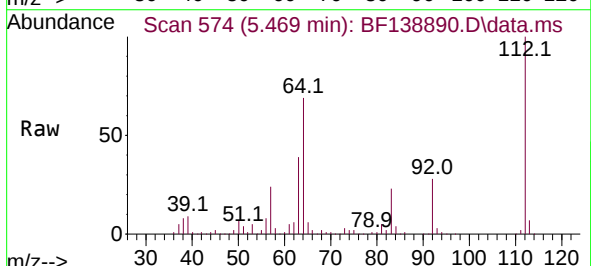
Instrument :
BNA_F
ClientSampleId :
MLS-15-513-528

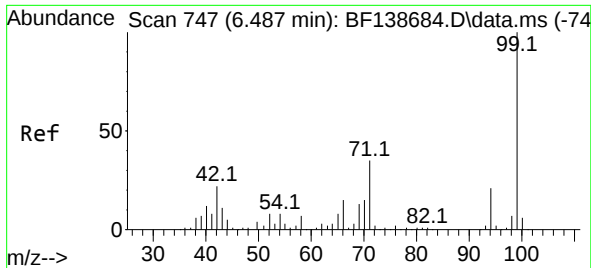
Tgt Ion:152 Resp: 47819
Ion Ratio Lower Upper
152 100
150 157.2 126.0 189.0
115 68.0 51.7 77.5



#5
2-Fluorophenol
Concen: 59.868 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138890.D
Acq: 09 Aug 2024 16:02

Tgt Ion:112 Resp: 185457
Ion Ratio Lower Upper
112 100
64 68.9 54.2 81.4
63 38.9 28.7 43.1

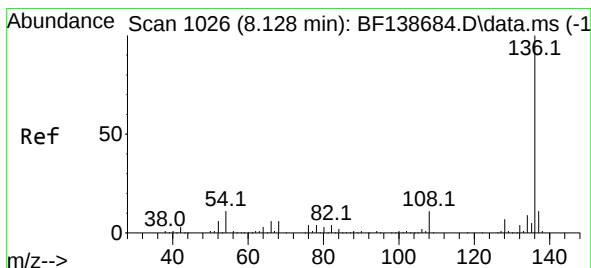
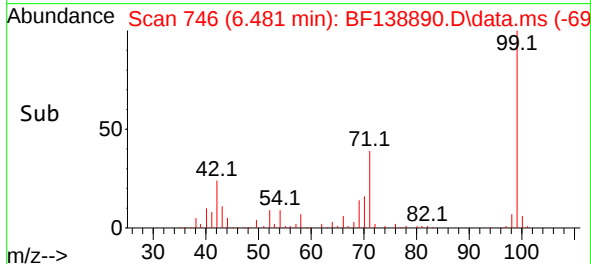
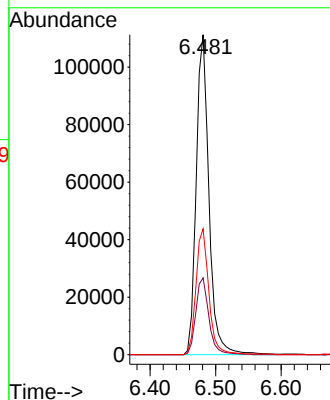
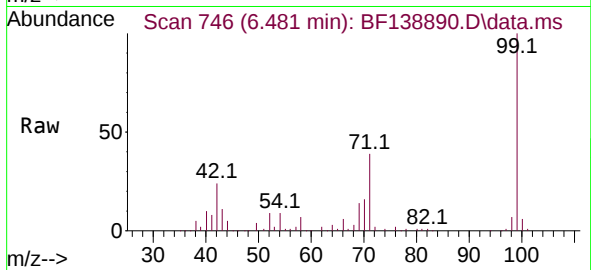




#7
Phenol-d6
Concen: 36.237 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138890.D
Acq: 09 Aug 2024 16:02

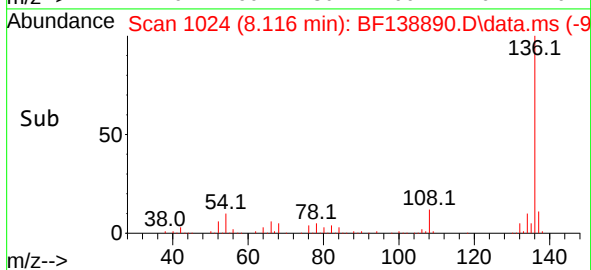
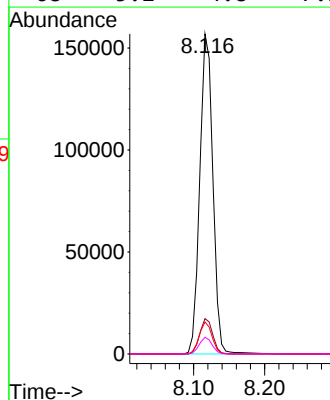
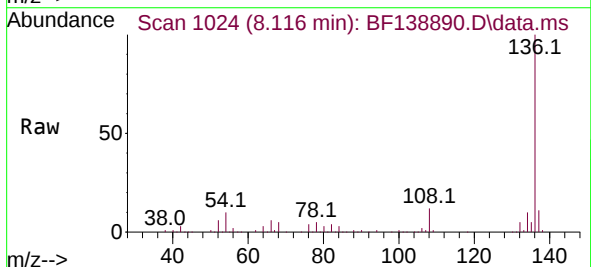
Instrument :
BNA_F
ClientSampleId :
MLS-15-513-528

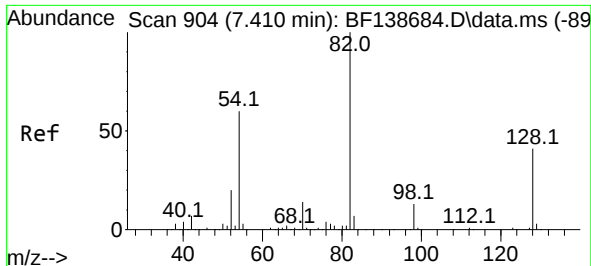
Tgt Ion: 99 Resp: 150714
Ion Ratio Lower Upper
99 100
42 24.0 17.4 26.0
71 39.3 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138890.D
Acq: 09 Aug 2024 16:02

Tgt Ion: 136 Resp: 201810
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 10.0 8.6 12.8
68 5.2 4.8 7.2





#23

Nitrobenzene-d5

Concen: 94.779 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138890.D

Acq: 09 Aug 2024 16:02

Instrument :

BNA_F

ClientSampleId :

MLS-15-513-528

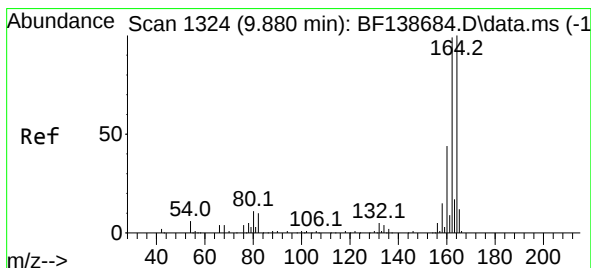
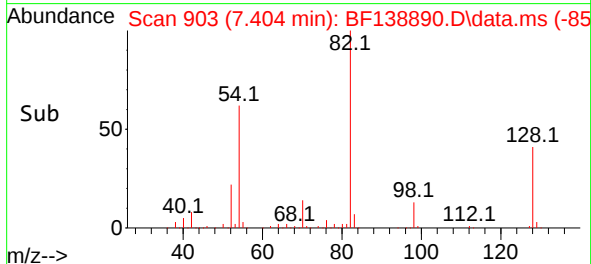
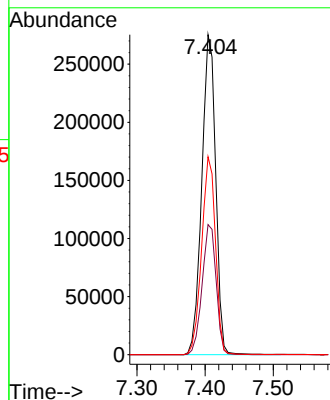
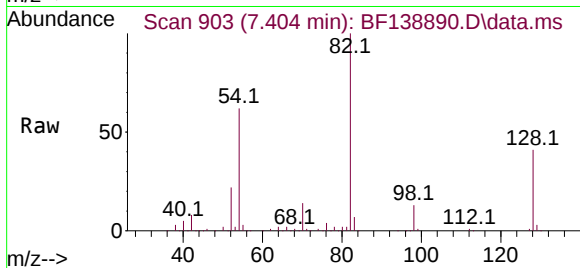
Tgt Ion: 82 Resp: 391221

Ion Ratio Lower Upper

82 100

128 40.6 32.8 49.2

54 61.9 48.3 72.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1322

Delta R.T. -0.011 min

Lab File: BF138890.D

Acq: 09 Aug 2024 16:02

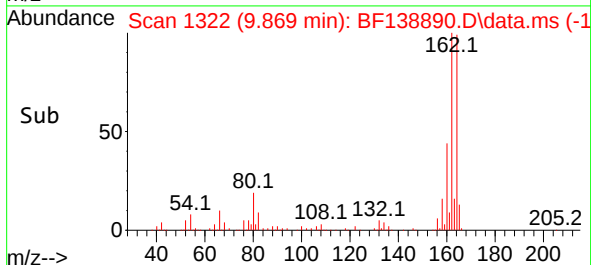
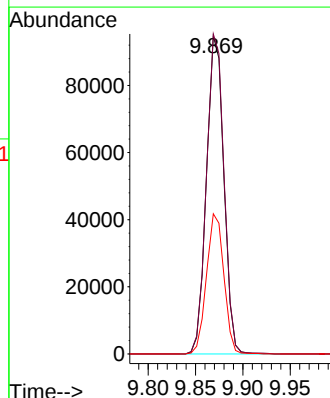
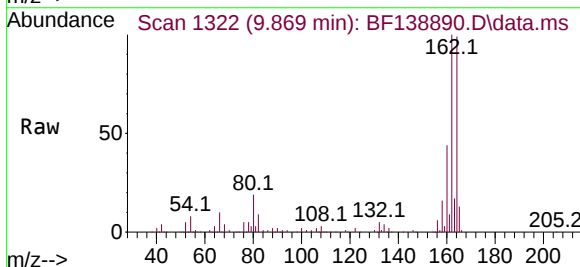
Tgt Ion:164 Resp: 120465

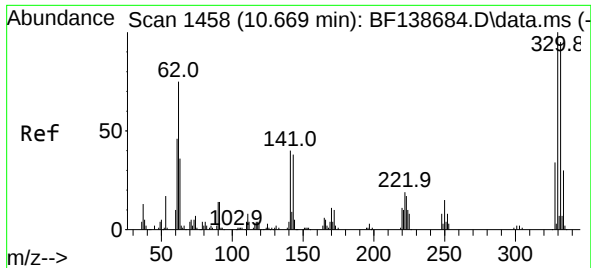
Ion Ratio Lower Upper

164 100

162 100.6 79.4 119.0

160 44.1 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 139.624 ng

RT: 10.669 min Scan# 1458

Delta R.T. 0.000 min

Lab File: BF138890.D

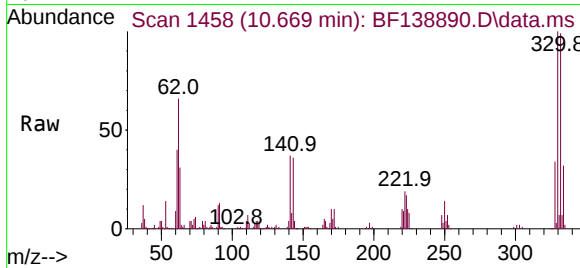
Acq: 09 Aug 2024 16:02

Instrument :

BNA_F

ClientSampleId :

MLS-15-513-528



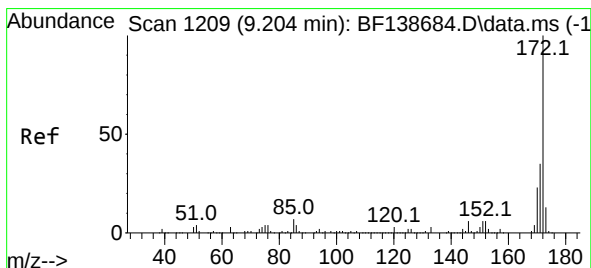
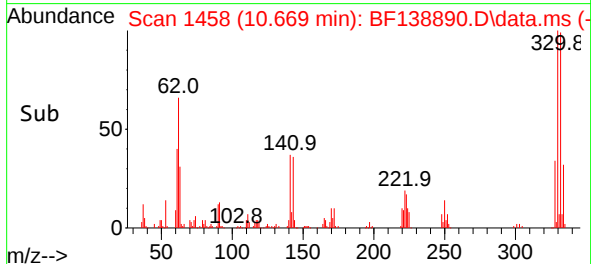
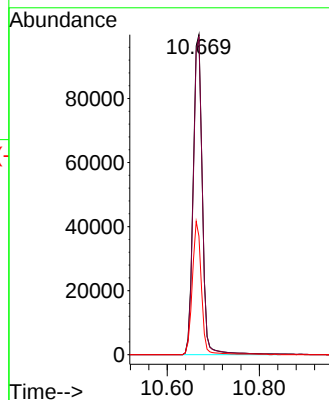
Tgt Ion:330 Resp: 137777

Ion Ratio Lower Upper

330 100

332 98.0 76.4 114.6

141 41.1 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 93.352 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF138890.D

Acq: 09 Aug 2024 16:02

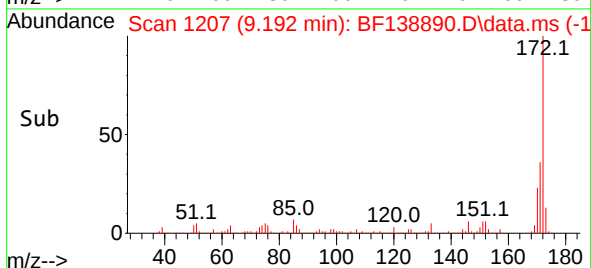
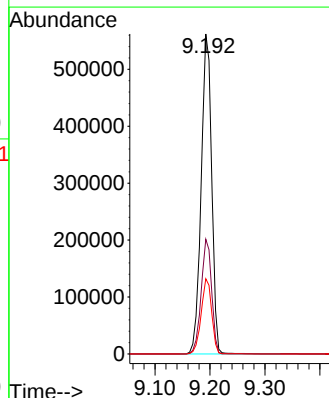
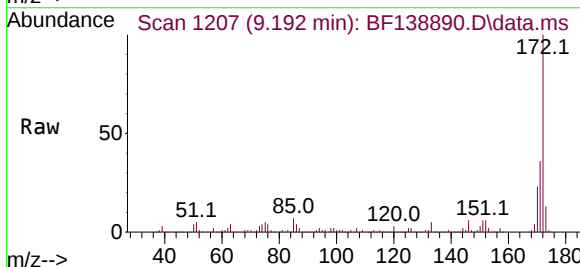
Tgt Ion:172 Resp: 748466

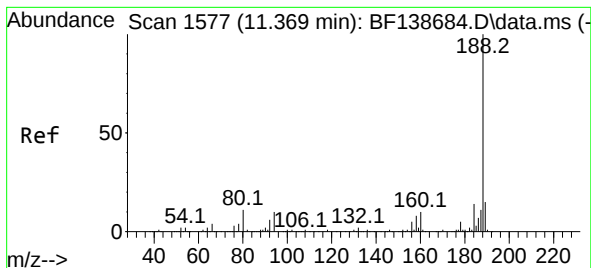
Ion Ratio Lower Upper

172 100

171 35.9 28.3 42.5

170 23.5 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138890.D

Acq: 09 Aug 2024 16:02

Instrument :

BNA_F

ClientSampleId :

MLS-15-513-528

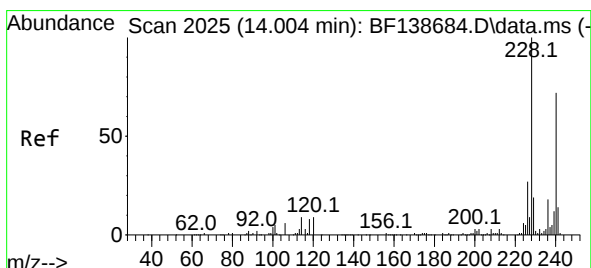
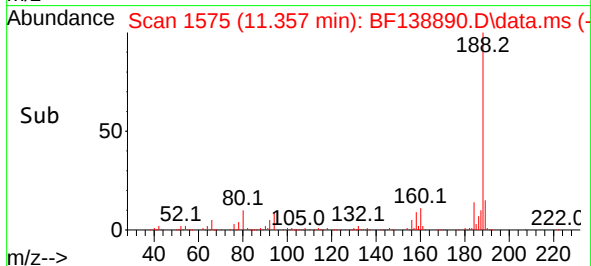
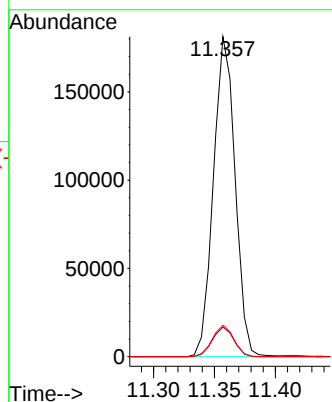
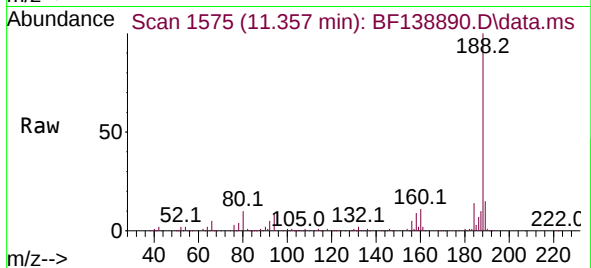
Tgt Ion:188 Resp: 224761

Ion Ratio Lower Upper

188 100

94 9.3 7.6 11.4

80 9.8 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2024

Delta R.T. -0.006 min

Lab File: BF138890.D

Acq: 09 Aug 2024 16:02

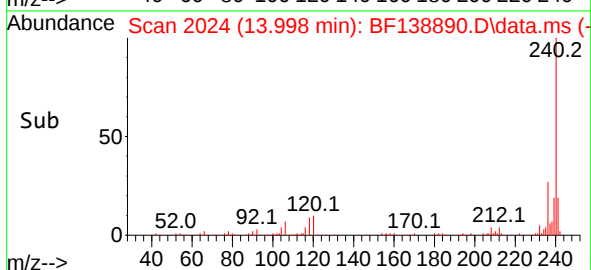
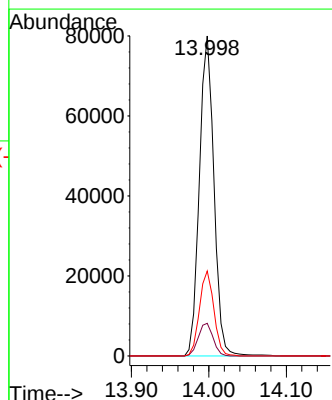
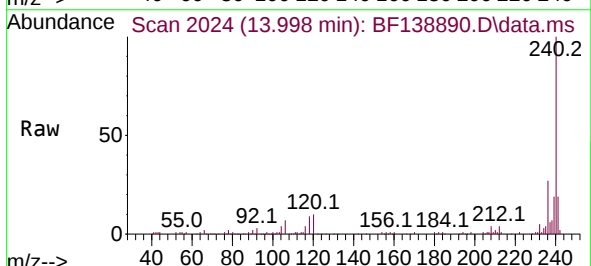
Tgt Ion:240 Resp: 104422

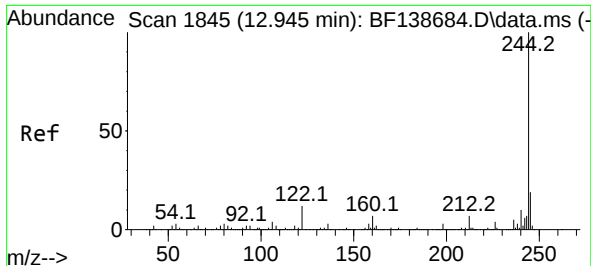
Ion Ratio Lower Upper

240 100

120 10.2 10.2 15.4#

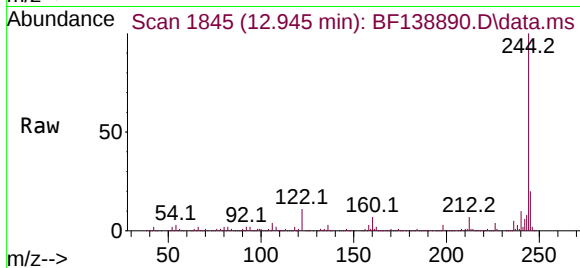
236 26.5 19.8 29.8



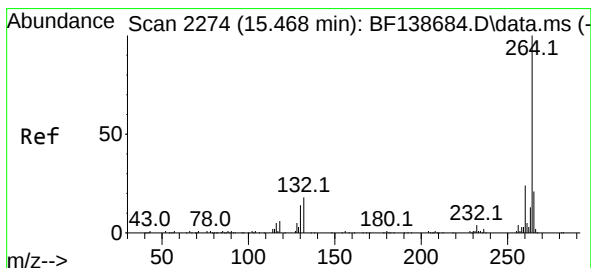
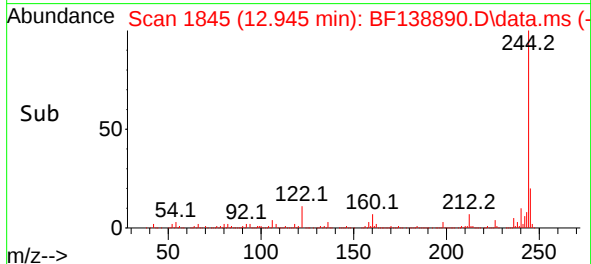
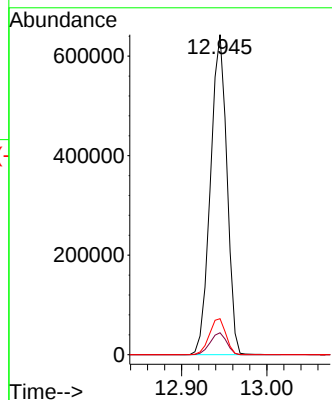


#79
Terphenyl-d14
Concen: 138.320 ng
RT: 12.945 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138890.D
Acq: 09 Aug 2024 16:02

Instrument :
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ClientSampleId :
MLS-15-513-528



Tgt Ion:244 Resp: 862685
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.2
122 11.2 9.6 14.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2272
Delta R.T. -0.012 min
Lab File: BF138890.D
Acq: 09 Aug 2024 16:02

Tgt Ion:264 Resp: 88887
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.6
265 21.8 17.0 25.6

