

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080624\
 Data File : BF138817.D
 Acq On : 06 Aug 2024 20:45
 Operator : RC/JU
 Sample : P3458-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MLS-15-224-239

Quant Time: Aug 07 01:05:24 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	44109	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	176574	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	99622	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	177871	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	81862	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	87609	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	142421	49.842	ng	0.06
7) Phenol-d6	6.481	99	111157	28.974	ng	0.00
23) Nitrobenzene-d5	7.404	82	318036	88.061	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	108430	132.874	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	598083	90.203	ng	-0.01
79) Terphenyl-d14	12.945	244	537461	109.923	ng	0.00

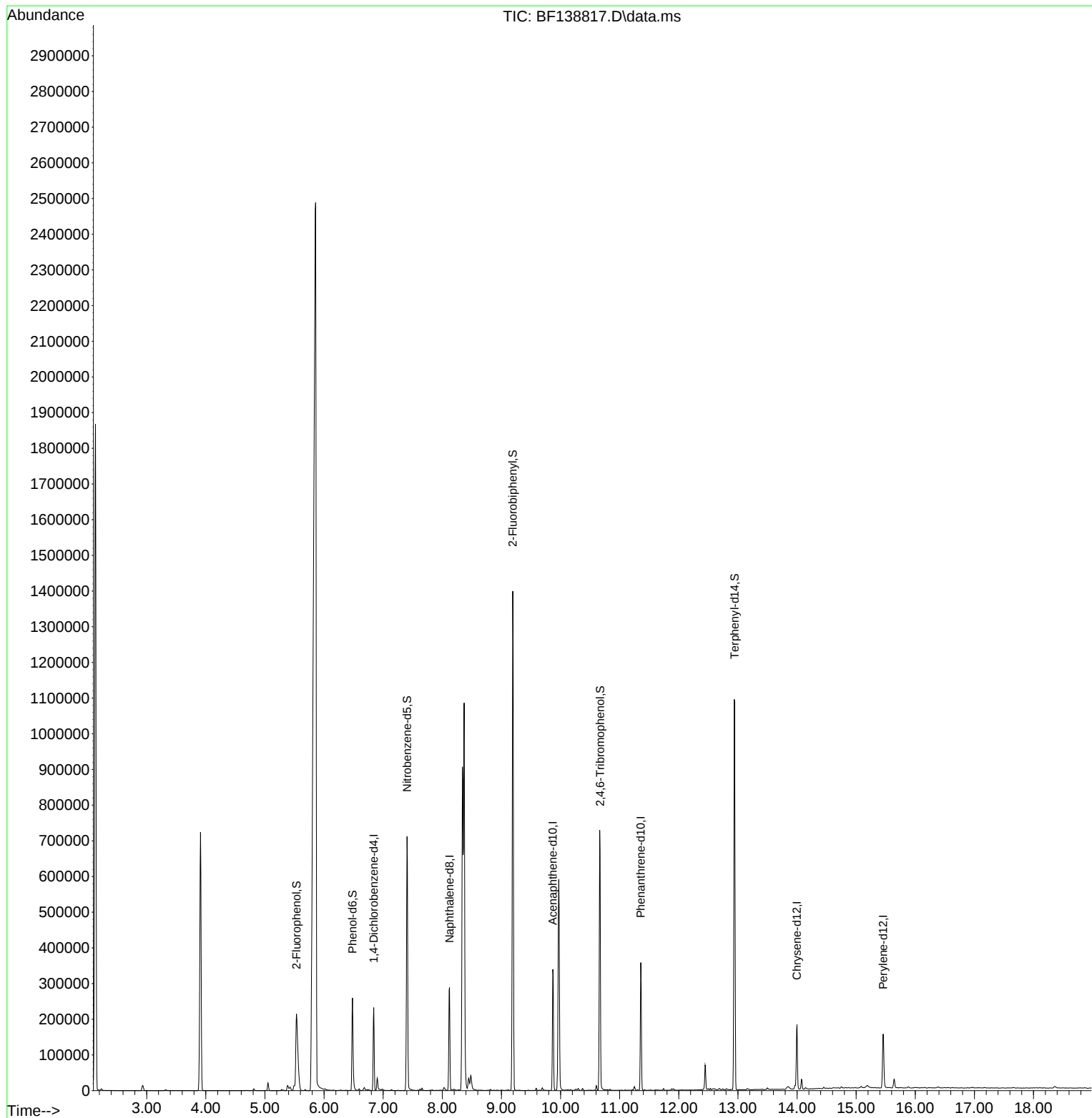
Target Compounds	Qvalue

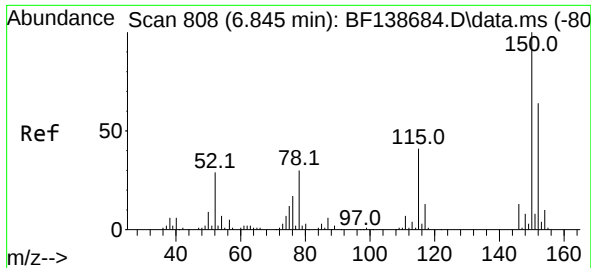
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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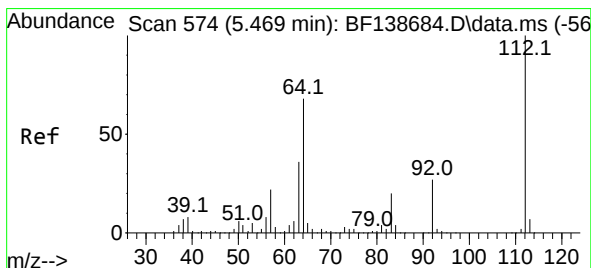
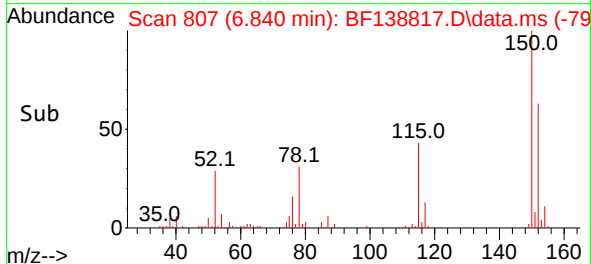
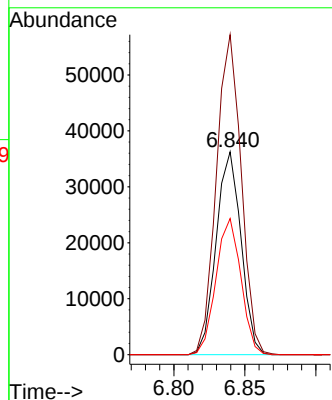
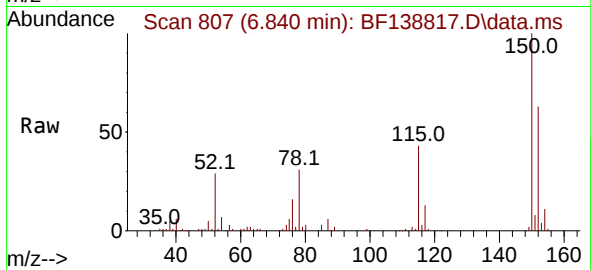




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138817.D
Acq: 06 Aug 2024 20:45

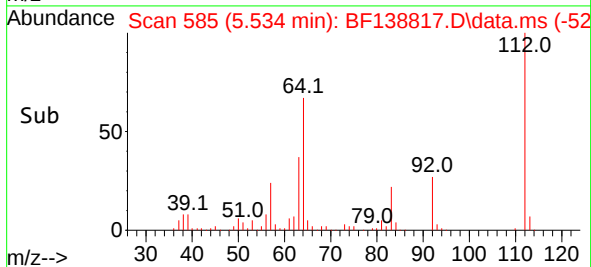
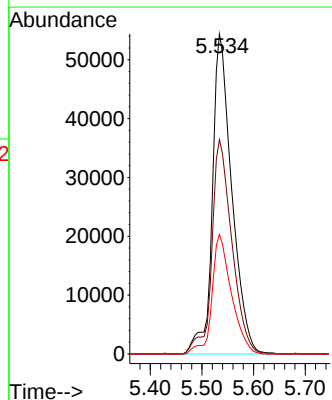
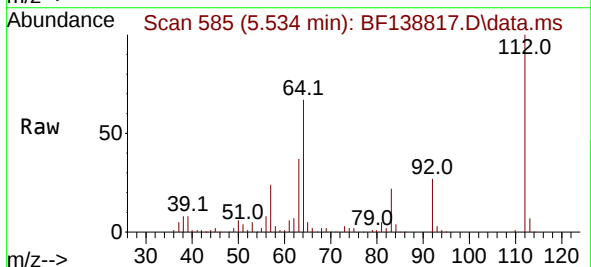
Instrument :
BNA_F
ClientSampleId :
MLS-15-224-239

Tgt Ion:152 Resp: 44109
Ion Ratio Lower Upper
152 100
150 157.7 126.0 189.0
115 67.1 51.7 77.5



#5
2-Fluorophenol
Concen: 49.842 ng
RT: 5.534 min Scan# 585
Delta R.T. 0.065 min
Lab File: BF138817.D
Acq: 06 Aug 2024 20:45

Tgt Ion:112 Resp: 142421
Ion Ratio Lower Upper
112 100
64 67.0 54.2 81.4
63 37.3 28.7 43.1

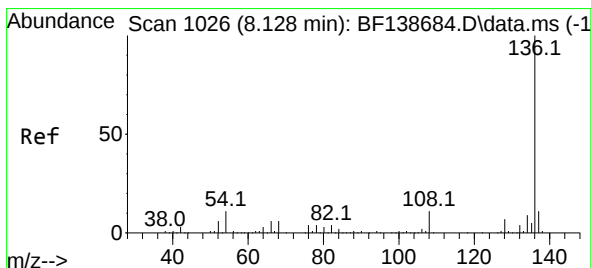
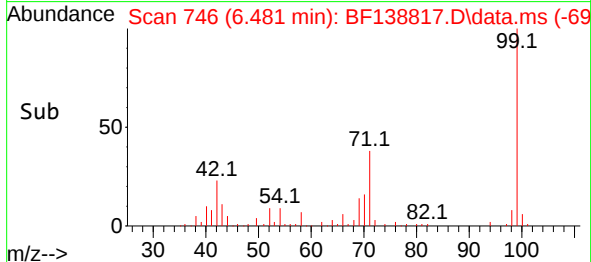
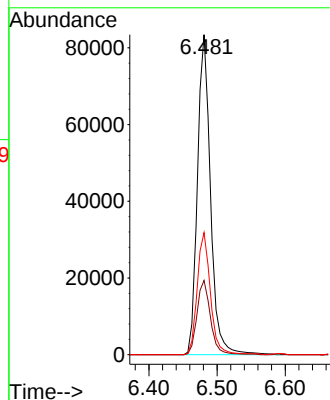
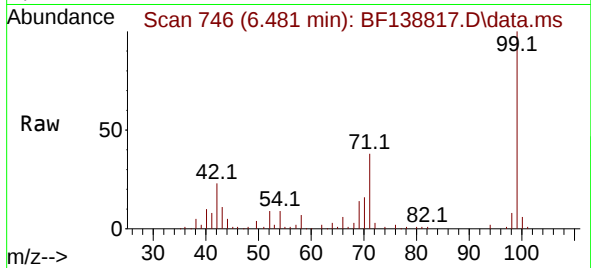




#7
Phenol-d6
Concen: 28.974 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138817.D
Acq: 06 Aug 2024 20:45

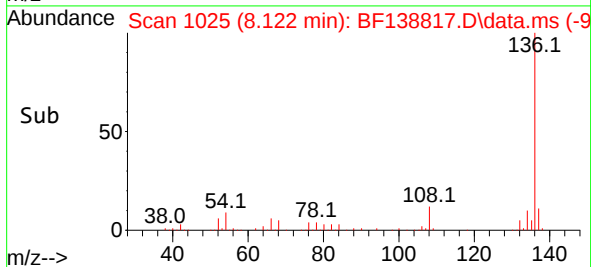
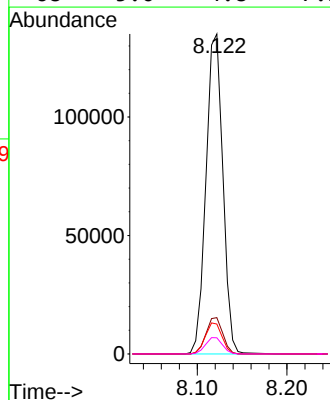
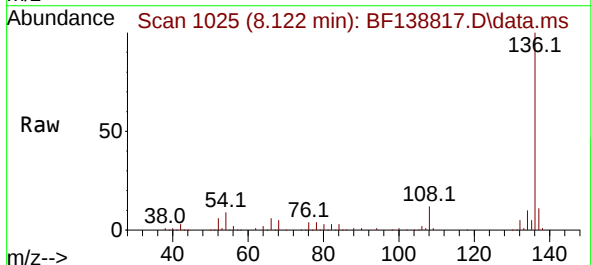
Instrument :
BNA_F
ClientSampleId :
MLS-15-224-239

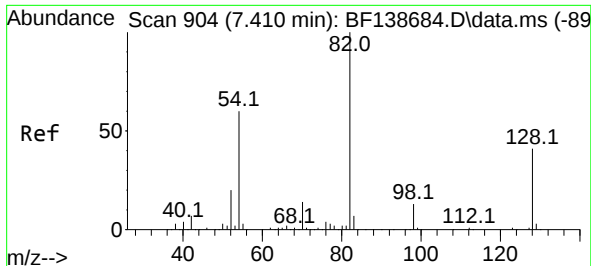
Tgt Ion: 99 Resp: 111157
Ion Ratio Lower Upper
99 100
42 23.2 17.4 26.0
71 38.1 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138817.D
Acq: 06 Aug 2024 20:45

Tgt Ion: 136 Resp: 176574
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 9.4 8.6 12.8
68 5.0 4.8 7.2

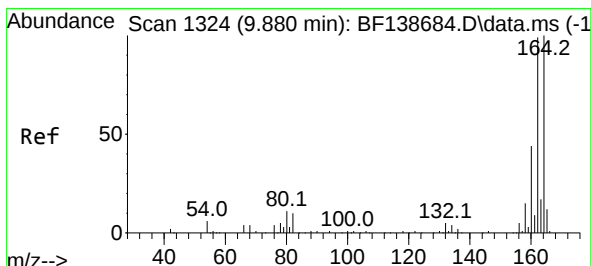
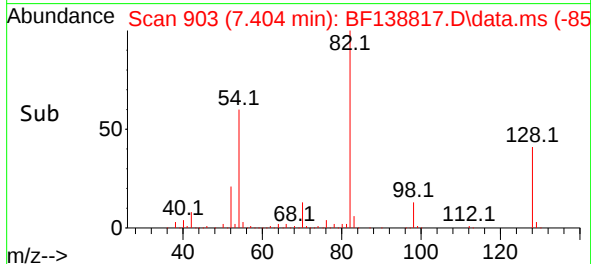
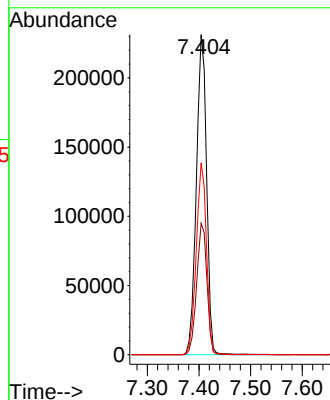
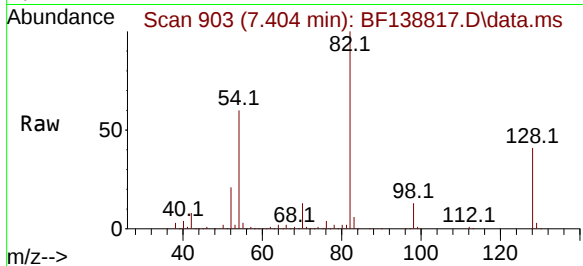




#23
 Nitrobenzene-d5
 Concen: 88.061 ng
 RT: 7.404 min Scan# 904
 Delta R.T. -0.006 min
 Lab File: BF138817.D
 Acq: 06 Aug 2024 20:45

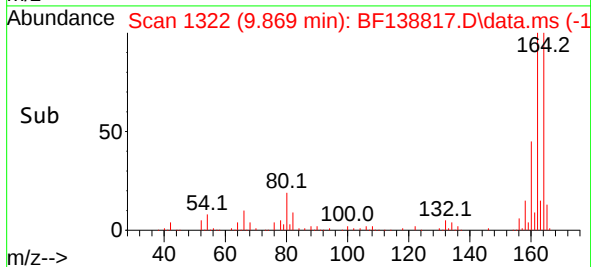
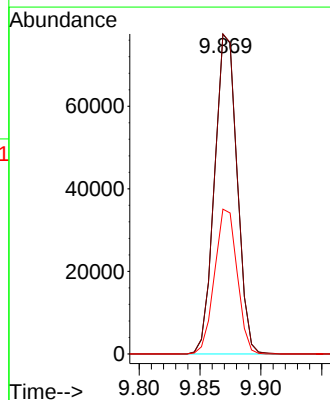
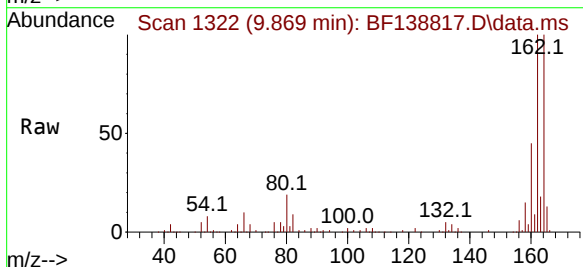
Instrument :
 BNA_F
 ClientSampleId :
 MLS-15-224-239

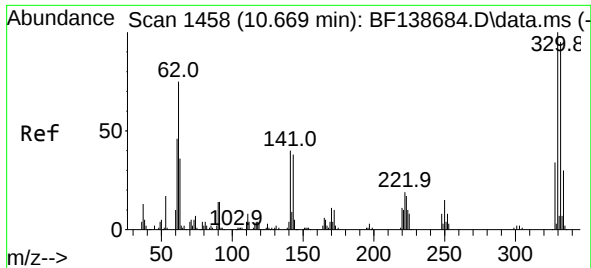
Tgt Ion: 82 Resp: 318036
 Ion Ratio Lower Upper
 82 100
 128 41.0 32.8 49.2
 54 60.0 48.3 72.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.869 min Scan# 1322
 Delta R.T. -0.011 min
 Lab File: BF138817.D
 Acq: 06 Aug 2024 20:45

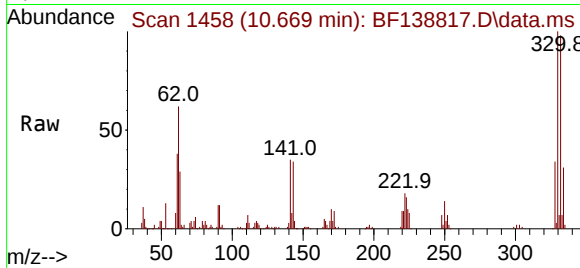
Tgt Ion:164 Resp: 99622
 Ion Ratio Lower Upper
 164 100
 162 100.0 79.4 119.0
 160 45.3 35.1 52.7



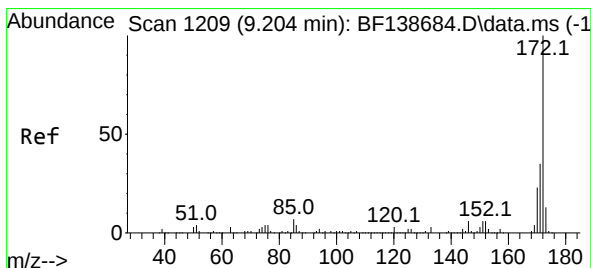
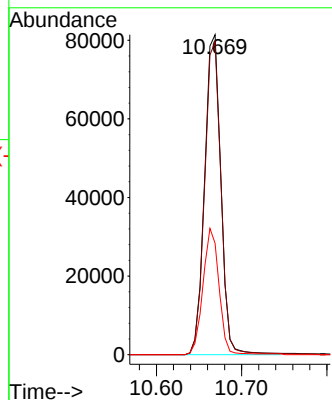
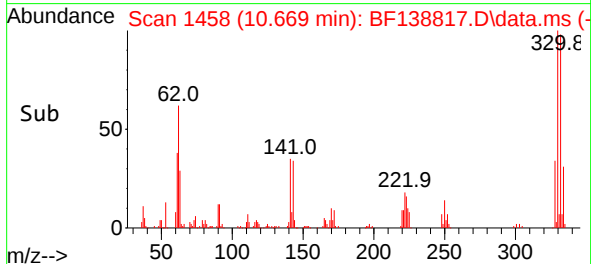


#42
 2,4,6-Tribromophenol
 Concen: 132.874 ng
 RT: 10.669 min Scan# 1458
 Delta R.T. 0.000 min
 Lab File: BF138817.D
 Acq: 06 Aug 2024 20:45

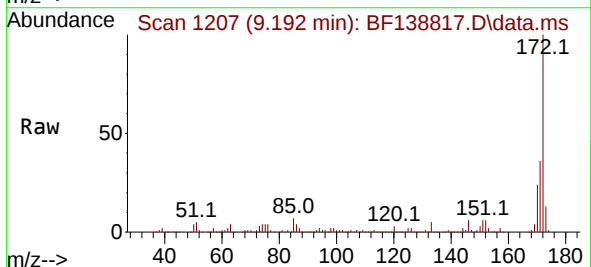
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 MLS-15-224-239



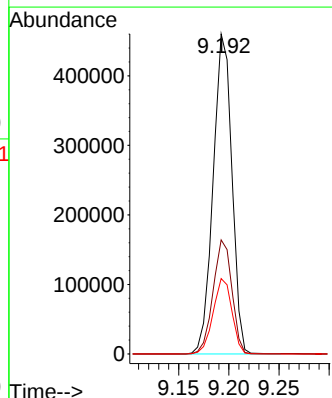
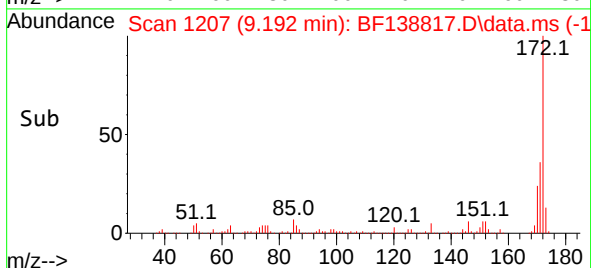
Tgt Ion: 330 Resp: 108430
 Ion Ratio Lower Upper
 330 100
 332 98.2 76.4 114.6
 141 38.8 31.1 46.7

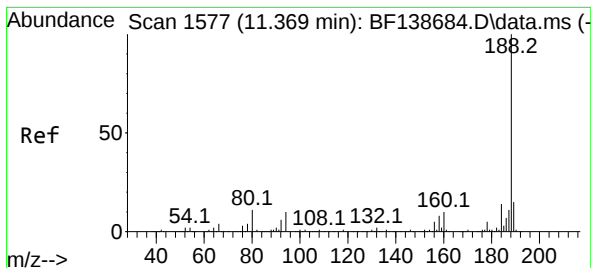


#45
 2-Fluorobiphenyl
 Concen: 90.203 ng
 RT: 9.192 min Scan# 1207
 Delta R.T. -0.012 min
 Lab File: BF138817.D
 Acq: 06 Aug 2024 20:45



Tgt Ion: 172 Resp: 598083
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.3 42.5
 170 23.6 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138817.D

Acq: 06 Aug 2024 20:45

Instrument :

BNA_F

ClientSampleId :

MLS-15-224-239

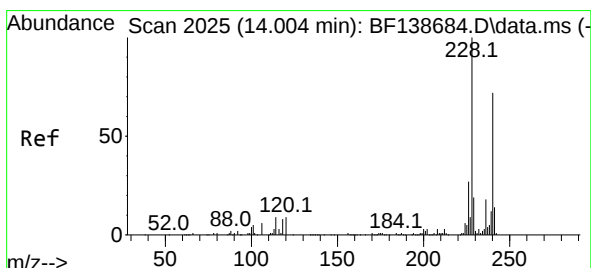
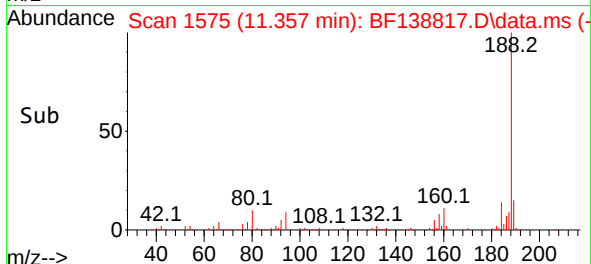
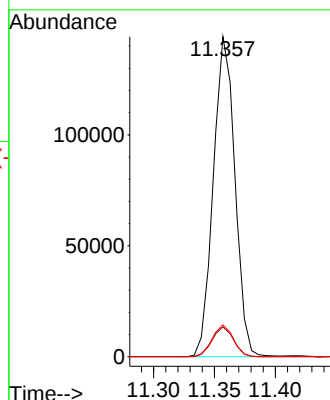
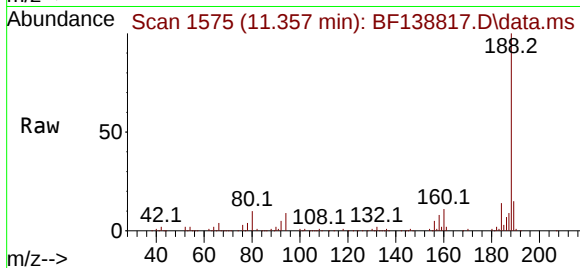
Tgt Ion:188 Resp: 177871

Ion Ratio Lower Upper

188 100

94 9.3 7.6 11.4

80 9.9 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: BF138817.D

Acq: 06 Aug 2024 20:45

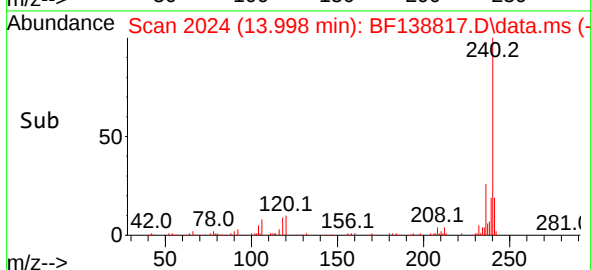
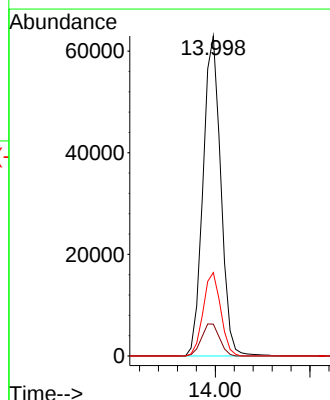
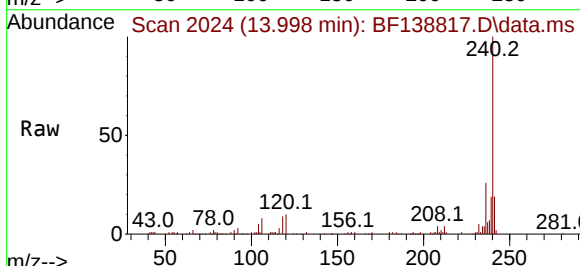
Tgt Ion:240 Resp: 81862

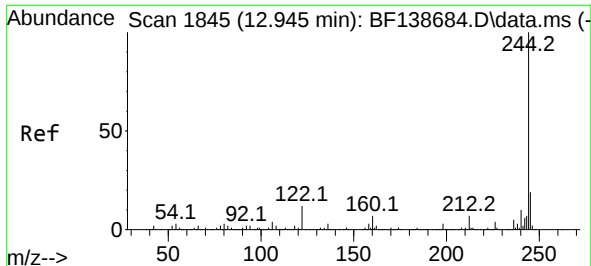
Ion Ratio Lower Upper

240 100

120 10.0 10.2 15.4#

236 26.1 19.8 29.8

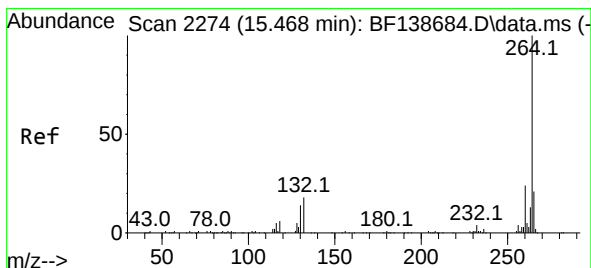
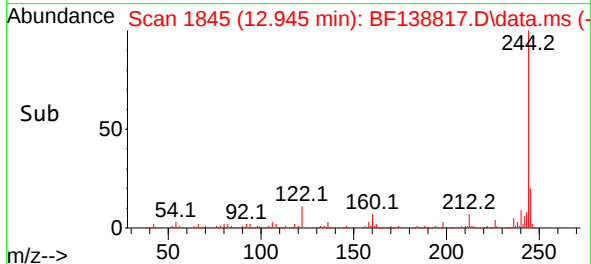
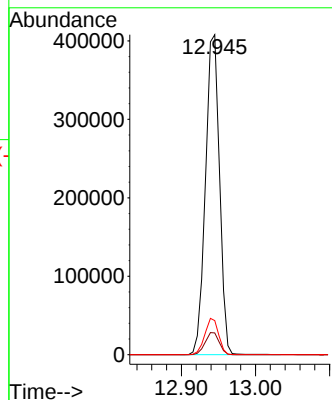
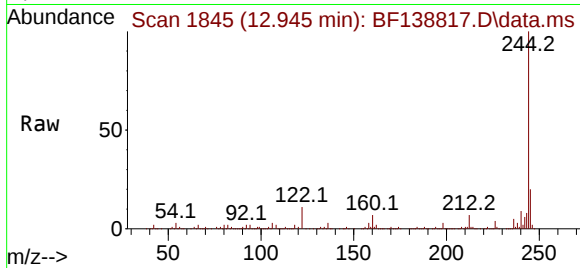




#79
 Terphenyl-d14
 Concen: 109.923 ng
 RT: 12.945 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF138817.D
 Acq: 06 Aug 2024 20:45

Instrument :
 BNA_F
 ClientSampleId :
 MLS-15-224-239

Tgt Ion:244 Resp: 537461
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 10.7 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: BF138817.D
 Acq: 06 Aug 2024 20:45

Tgt Ion:264 Resp: 87609
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 20.4 17.0 25.6

