

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080924\
 Data File : BF138891.D
 Acq On : 09 Aug 2024 16:33
 Operator : RC/JU
 Sample : P3469-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MLS-15-625-640

Quant Time: Aug 09 16:59:50 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	42523	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	169905	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	101362	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	193075	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	104220	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	82857	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	159811	58.014	ng	0.00
7) Phenol-d6	6.481	99	126182	34.117	ng	0.00
23) Nitrobenzene-d5	7.404	82	342980	98.695	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	111131	133.846	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	650007	96.351	ng	-0.01
79) Terphenyl-d14	12.945	244	821234	131.929	ng	0.00

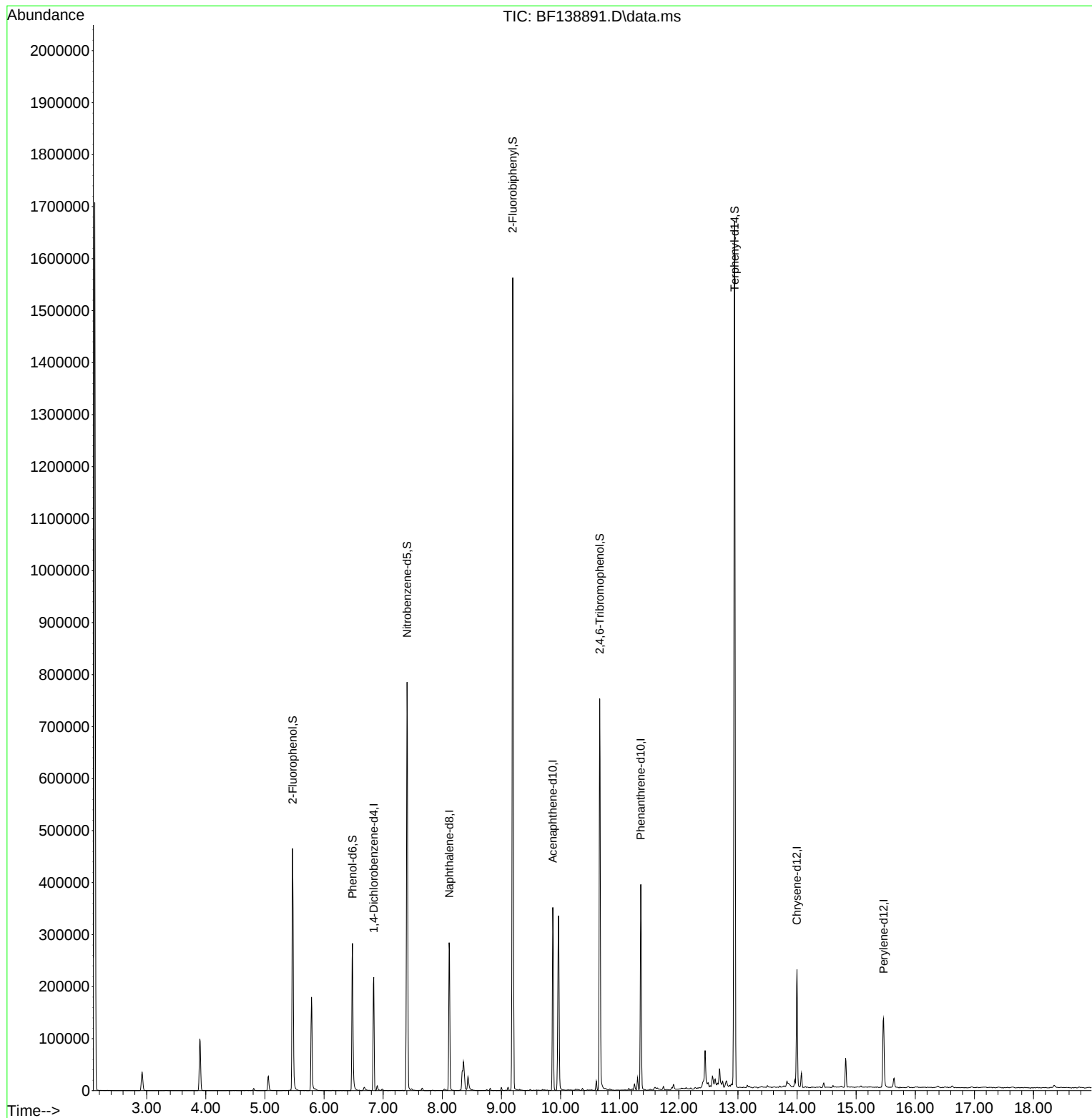
Target Compounds	Qvalue

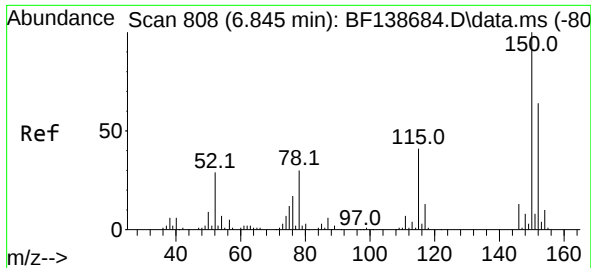
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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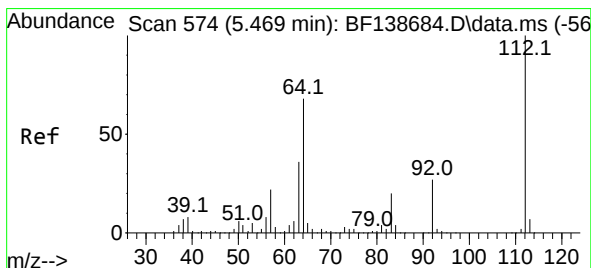
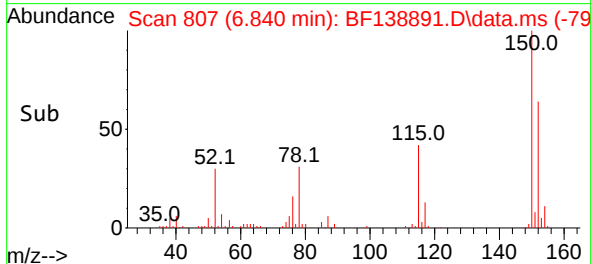
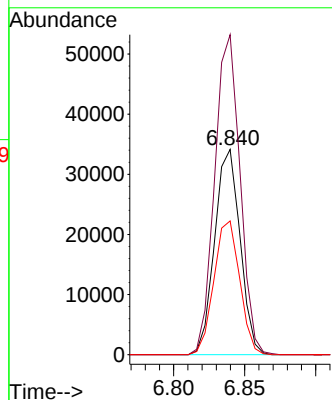
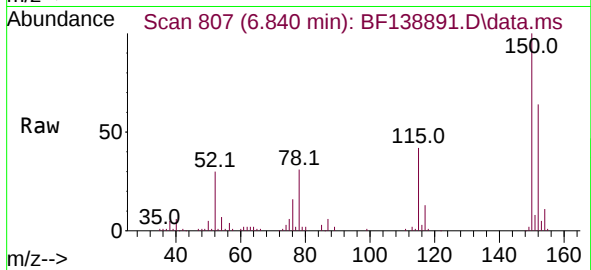




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138891.D
Acq: 09 Aug 2024 16:33

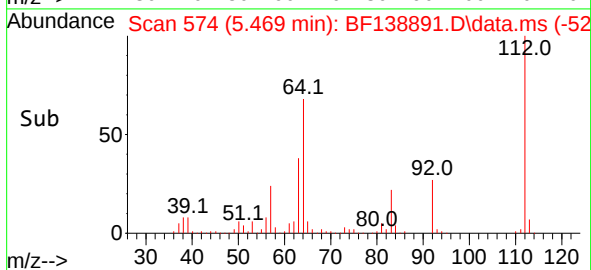
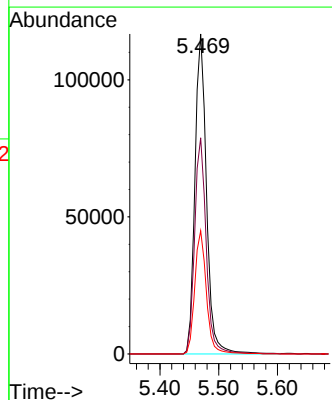
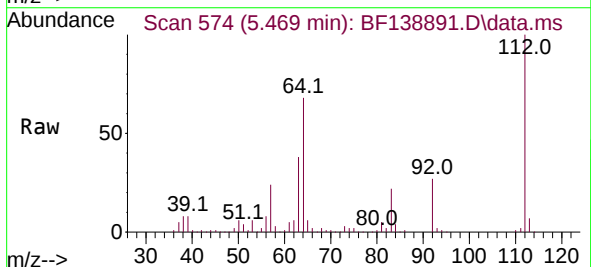
Instrument :
BNA_F
ClientSampleId :
MLS-15-625-640

Tgt Ion:152 Resp: 42523
Ion Ratio Lower Upper
152 100
150 155.9 126.0 189.0
115 65.2 51.7 77.5



#5
2-Fluorophenol
Concen: 58.014 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138891.D
Acq: 09 Aug 2024 16:33

Tgt Ion:112 Resp: 159811
Ion Ratio Lower Upper
112 100
64 67.6 54.2 81.4
63 38.5 28.7 43.1





#7

Phenol-d6

Concen: 34.117 ng

RT: 6.481 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF138891.D

Acq: 09 Aug 2024 16:33

Instrument :

BNA_F

ClientSampleId :

MLS-15-625-640

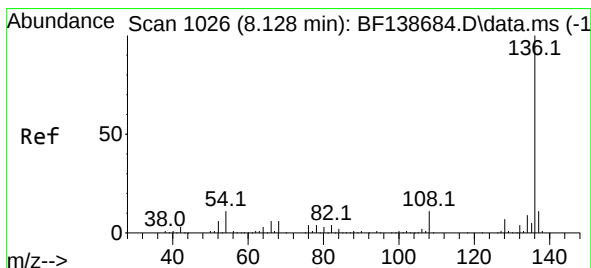
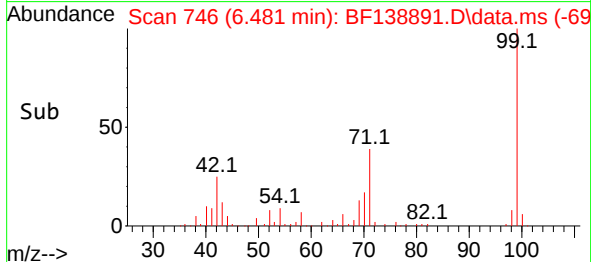
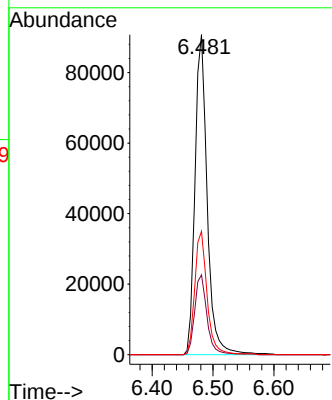
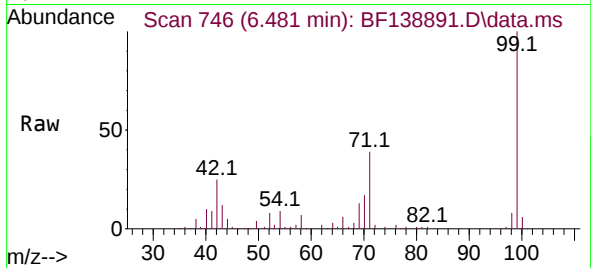
Tgt Ion: 99 Resp: 126182

Ion Ratio Lower Upper

99 100

42 25.0 17.4 26.0

71 38.6 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: BF138891.D

Acq: 09 Aug 2024 16:33

Tgt Ion:136 Resp: 169905

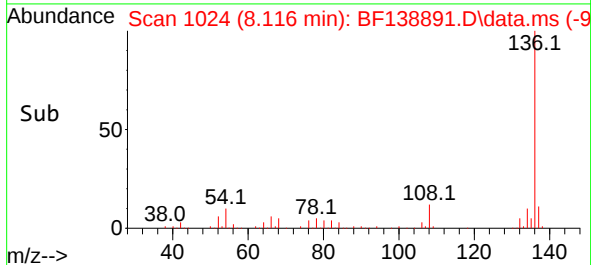
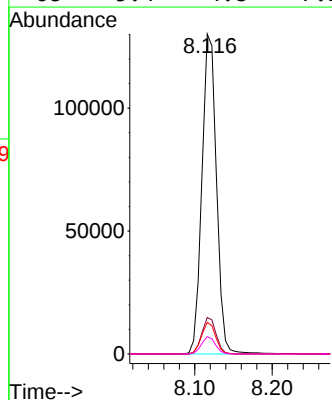
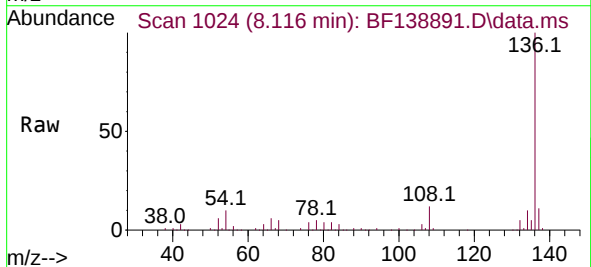
Ion Ratio Lower Upper

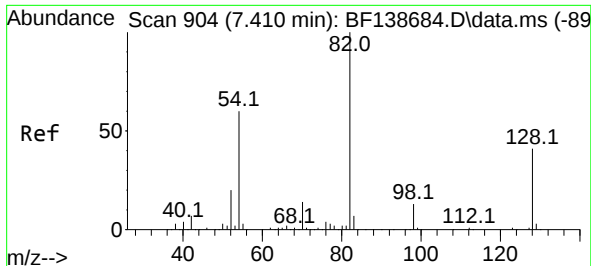
136 100

137 11.4 8.9 13.3

54 9.8 8.6 12.8

68 5.4 4.8 7.2





#23

Nitrobenzene-d5

Concen: 98.695 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138891.D

Acq: 09 Aug 2024 16:33

Instrument :

BNA_F

ClientSampleId :

MLS-15-625-640

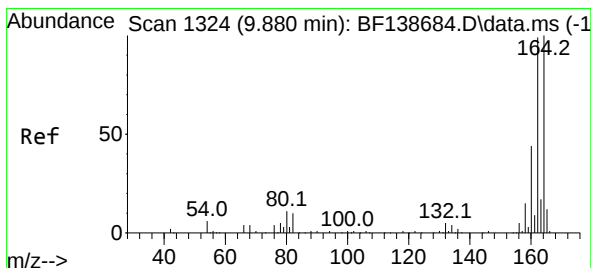
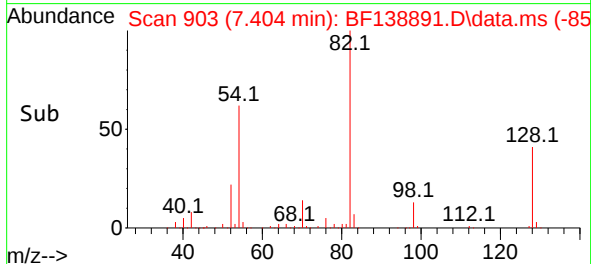
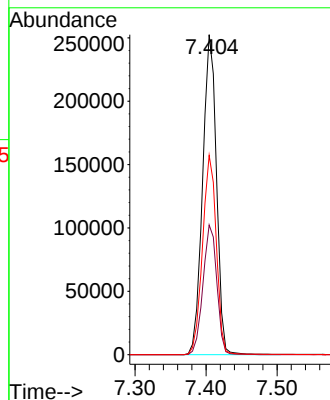
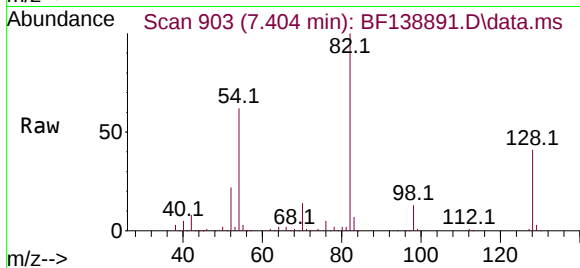
Tgt Ion: 82 Resp: 342980

Ion Ratio Lower Upper

82 100

128 40.6 32.8 49.2

54 62.3 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: BF138891.D

Acq: 09 Aug 2024 16:33

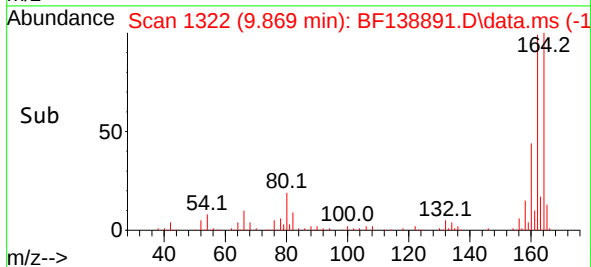
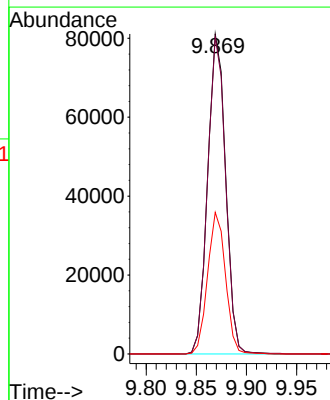
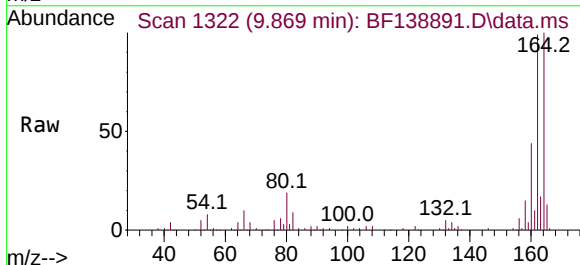
Tgt Ion:164 Resp: 101362

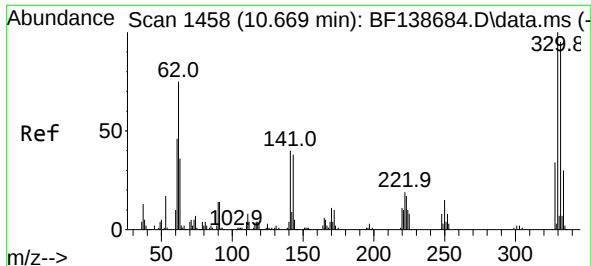
Ion Ratio Lower Upper

164 100

162 99.0 79.4 119.0

160 44.3 35.1 52.7

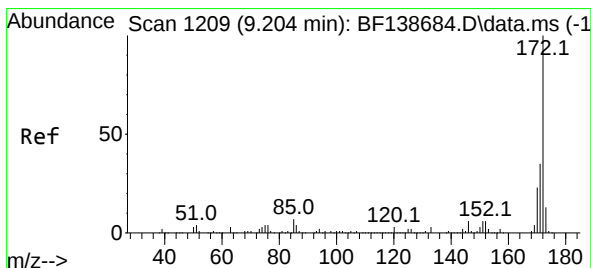
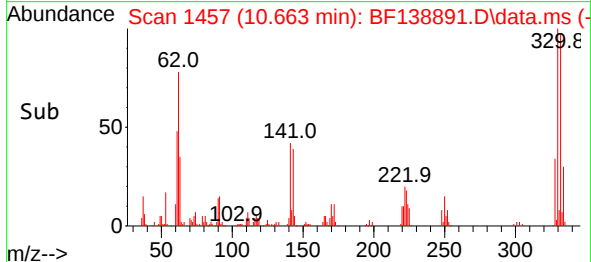
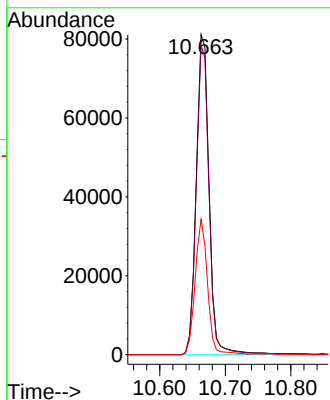
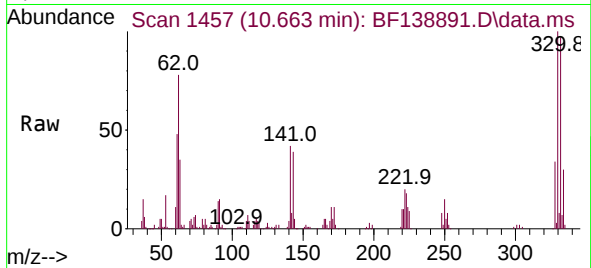




#42
2,4,6-Tribromophenol
Concen: 133.846 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF138891.D
Acq: 09 Aug 2024 16:33

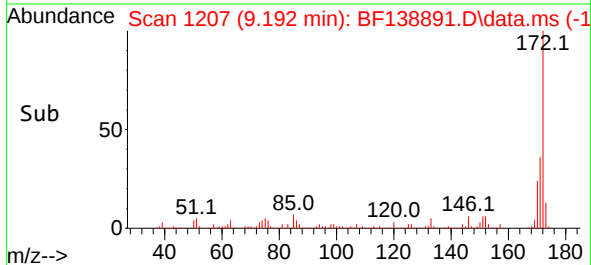
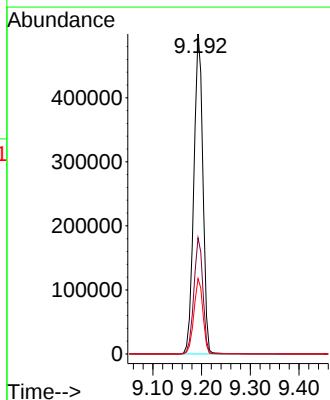
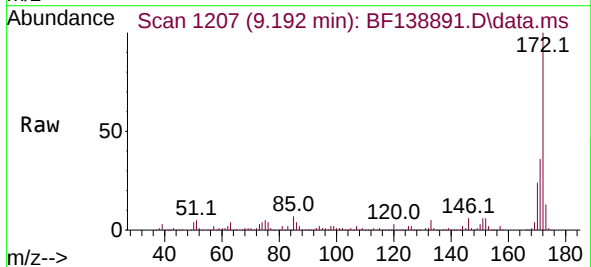
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MLS-15-625-640

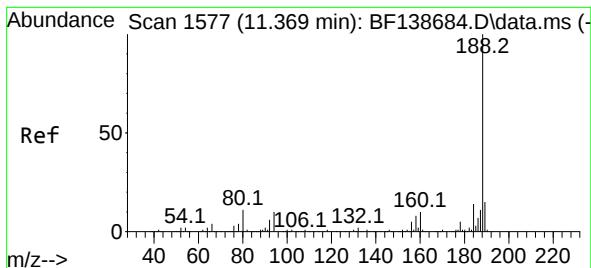
Tgt Ion:330 Resp: 111131
Ion Ratio Lower Upper
330 100
332 96.4 76.4 114.6
141 40.9 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 96.351 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138891.D
Acq: 09 Aug 2024 16:33

Tgt Ion:172 Resp: 650007
Ion Ratio Lower Upper
172 100
171 36.3 28.3 42.5
170 23.5 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: BF138891.D

Acq: 09 Aug 2024 16:33

Instrument :

BNA_F

ClientSampleId :

MLS-15-625-640

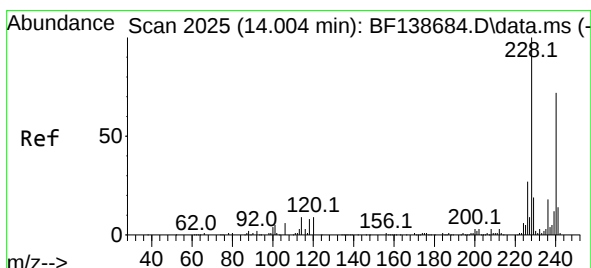
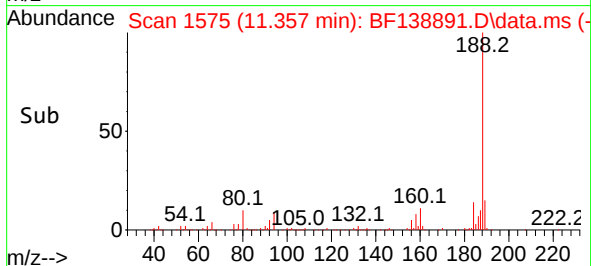
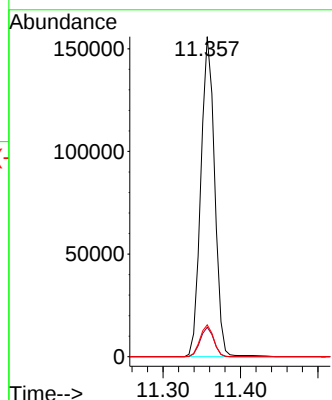
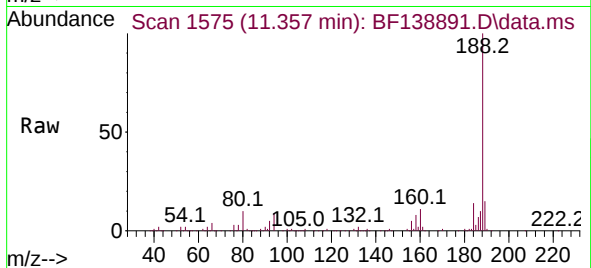
Tgt Ion:188 Resp: 193075

Ion Ratio Lower Upper

188 100

94 9.2 7.6 11.4

80 10.0 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: BF138891.D

Acq: 09 Aug 2024 16:33

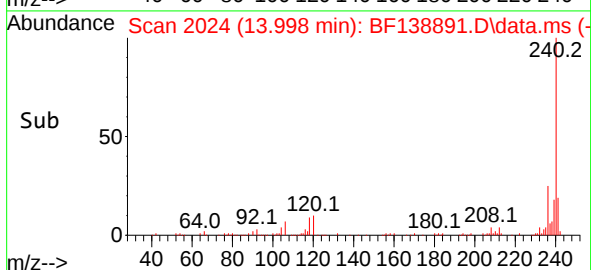
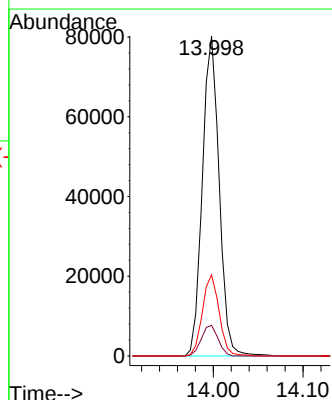
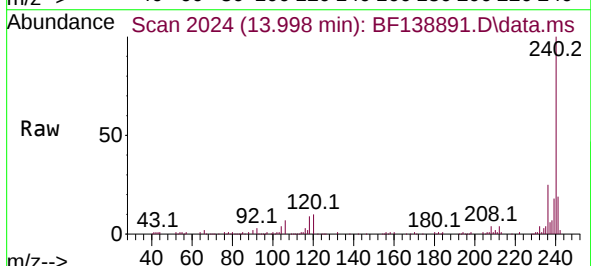
Tgt Ion:240 Resp: 104220

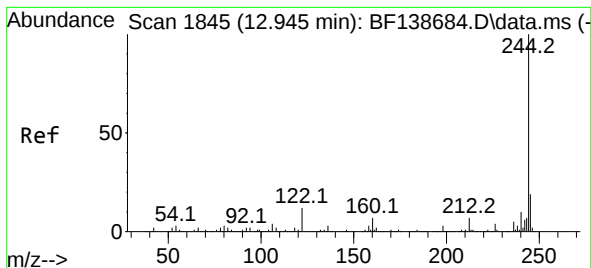
Ion Ratio Lower Upper

240 100

120 9.5 10.2 15.4#

236 25.4 19.8 29.8





#79

Terphenyl-d14

Concen: 131.929 ng

RT: 12.945 min Scan# 1845

Delta R.T. 0.000 min

Lab File: BF138891.D

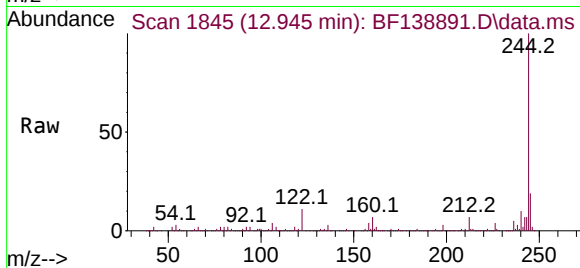
Acq: 09 Aug 2024 16:33

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MLS-15-625-640



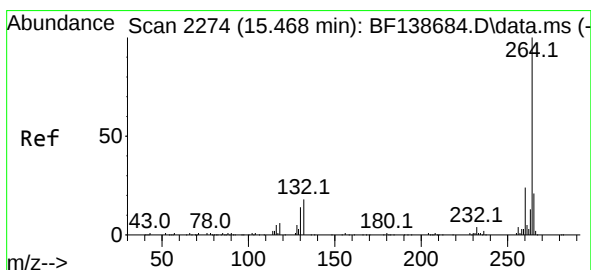
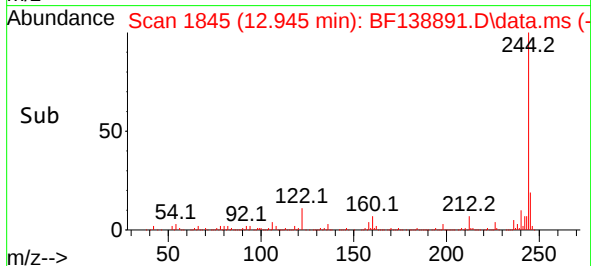
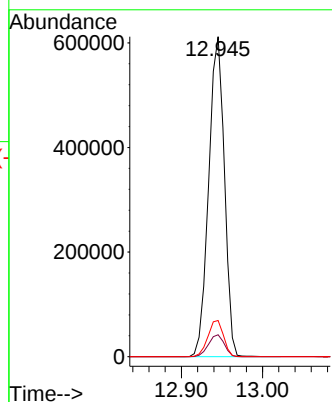
Tgt Ion:244 Resp: 821234

Ion	Ratio	Lower	Upper
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244	100		
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212	6.9	5.4	8.2
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122	11.3	9.6	14.4
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#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF138891.D

Acq: 09 Aug 2024 16:33

Tgt Ion:264 Resp: 82857

Ion	Ratio	Lower	Upper
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264	100		
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260	23.6	19.0	28.6
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265	22.0	17.0	25.6
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