

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
 Data File : BF138867.D
 Acq On : 08 Aug 2024 15:58
 Operator : RC/JU
 Sample : P3415-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MLS-15-70-85

Quant Time: Aug 08 16:21:46 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	33370	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	136863	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	76575	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	138104	20.000	ng	-0.01
76) Chrysene-d12	13.992	240	77348	20.000	ng	-0.01
86) Perylene-d12	15.457	264	64673	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	139909	64.720	ng	0.00
7) Phenol-d6	6.481	99	110622	38.114	ng	0.00
23) Nitrobenzene-d5	7.404	82	317563	113.442	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	115192	183.646	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	591441	116.048	ng	-0.01
79) Terphenyl-d14	12.939	244	676143	146.357	ng	0.00

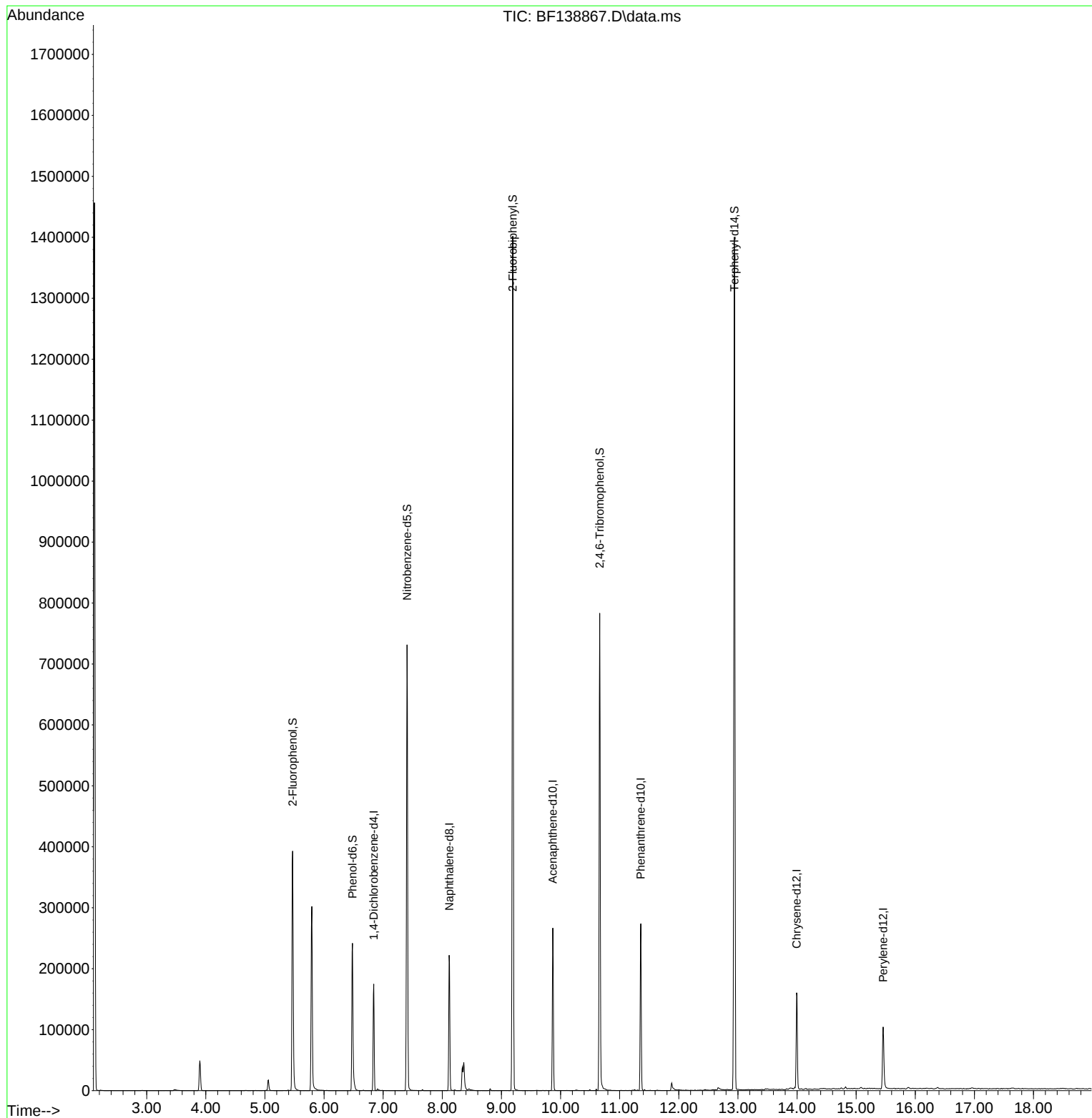
Target Compounds	Qvalue

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

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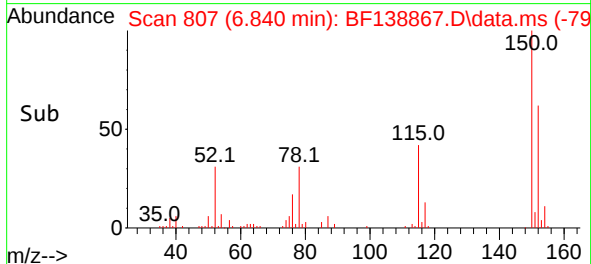
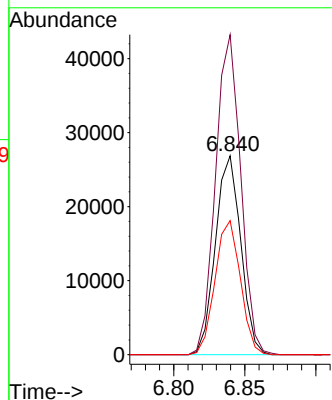
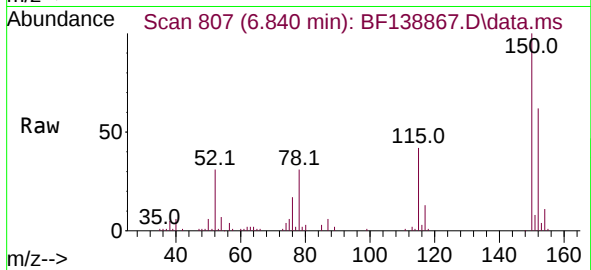




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138867.D
Acq: 08 Aug 2024 15:58

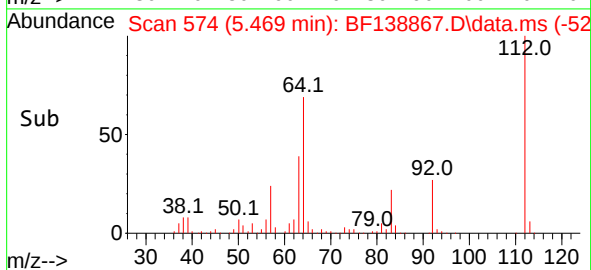
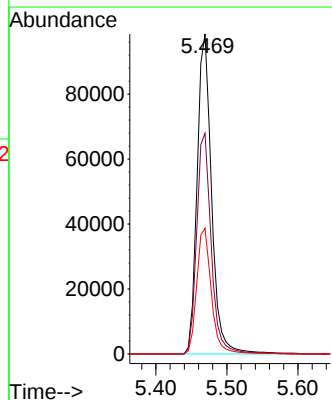
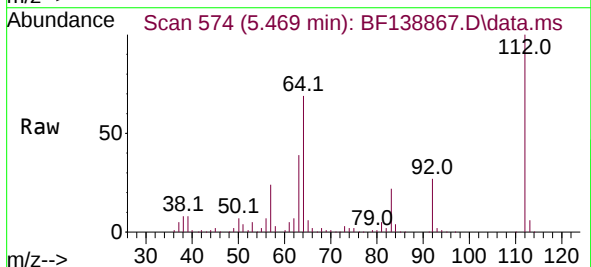
Instrument :
BNA_F
ClientSampleId :
MLS-15-70-85

Tgt Ion:152 Resp: 33370
Ion Ratio Lower Upper
152 100
150 160.8 126.0 189.0
115 67.4 51.7 77.5



#5
2-Fluorophenol
Concen: 64.720 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138867.D
Acq: 08 Aug 2024 15:58

Tgt Ion:112 Resp: 139909
Ion Ratio Lower Upper
112 100
64 69.0 54.2 81.4
63 39.3 28.7 43.1





#7

Phenol-d6

Concen: 38.114 ng

RT: 6.481 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF138867.D

Acq: 08 Aug 2024 15:58

Instrument :

BNA_F

ClientSampleId :

MLS-15-70-85

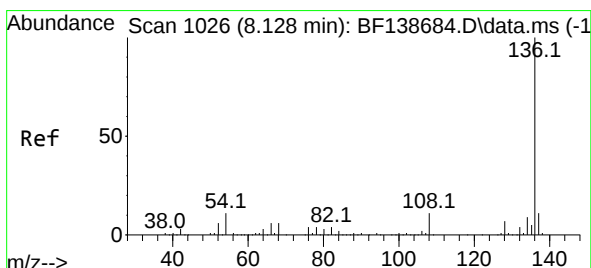
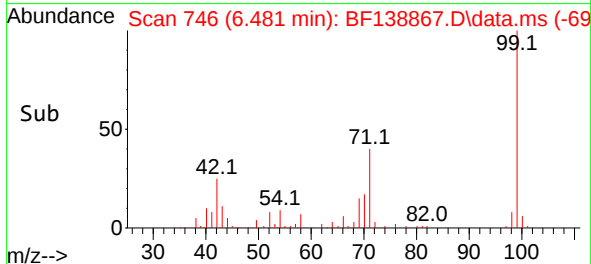
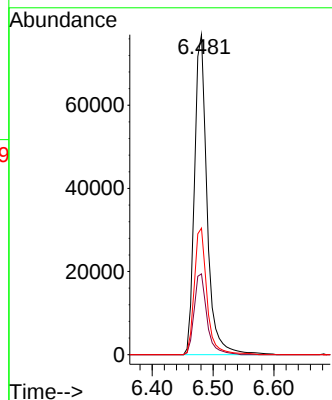
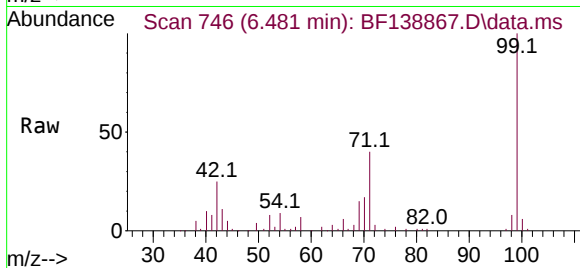
Tgt Ion: 99 Resp: 110622

Ion Ratio Lower Upper

99 100

42 25.3 17.4 26.0

71 39.6 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: BF138867.D

Acq: 08 Aug 2024 15:58

Tgt Ion:136 Resp: 136863

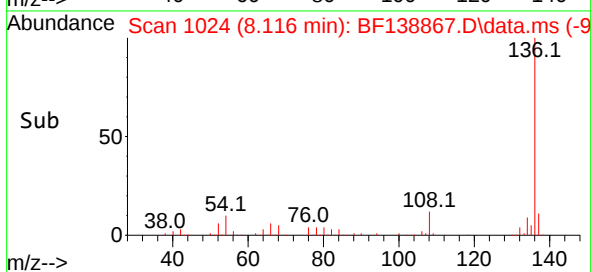
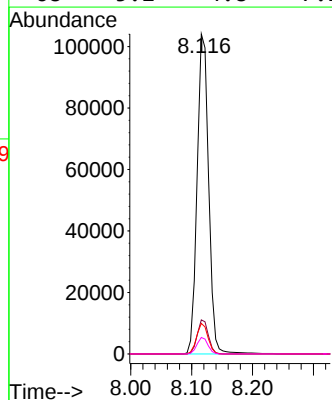
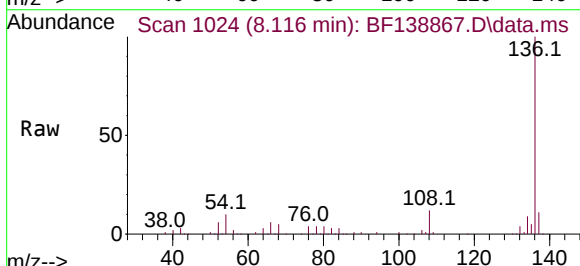
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 9.6 8.6 12.8

68 5.2 4.8 7.2





#23

Nitrobenzene-d5

Concen: 113.442 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138867.D

Acq: 08 Aug 2024 15:58

Instrument :

BNA_F

ClientSampleId :

MLS-15-70-85

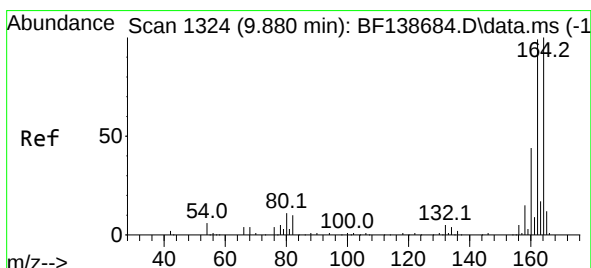
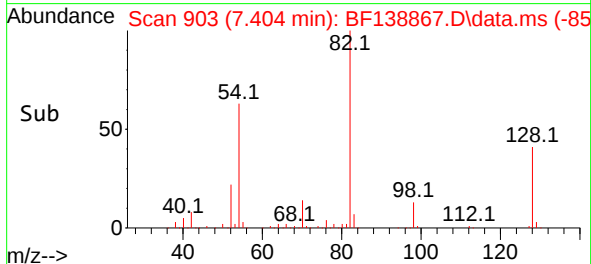
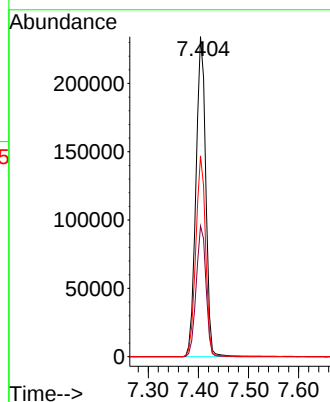
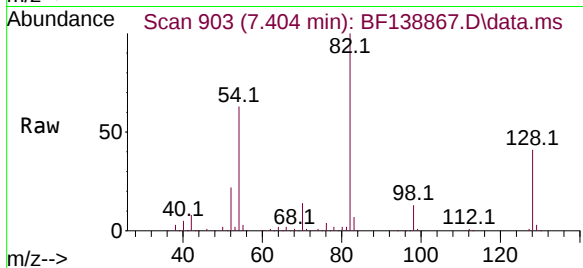
Tgt Ion: 82 Resp: 317563

Ion Ratio Lower Upper

82 100

128 40.9 32.8 49.2

54 62.7 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: BF138867.D

Acq: 08 Aug 2024 15:58

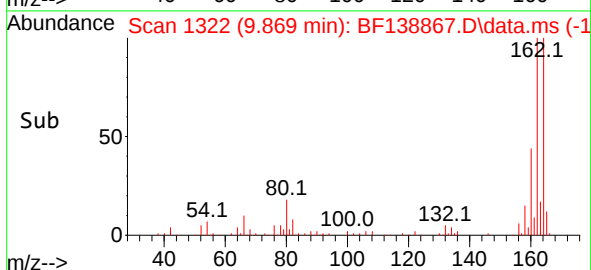
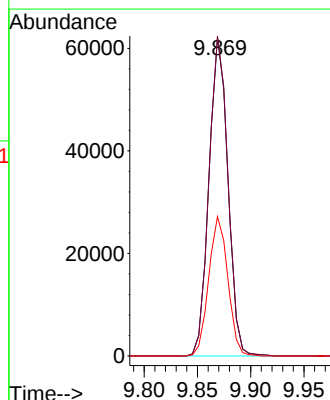
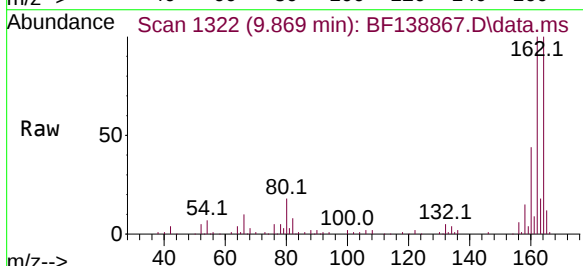
Tgt Ion:164 Resp: 76575

Ion Ratio Lower Upper

164 100

162 100.5 79.4 119.0

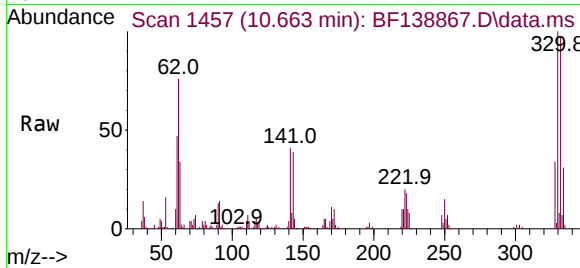
160 43.8 35.1 52.7



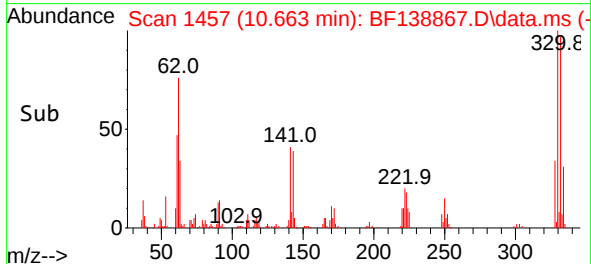
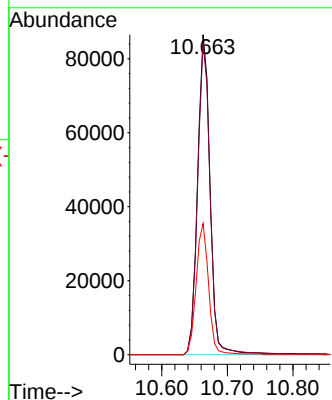


#42
2,4,6-Tribromophenol
Concen: 183.646 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF138867.D
Acq: 08 Aug 2024 15:58

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MLS-15-70-85

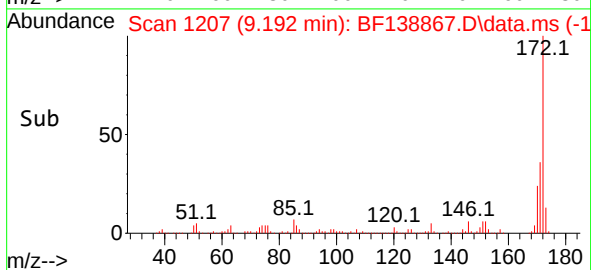
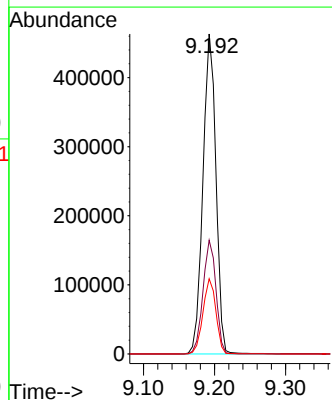
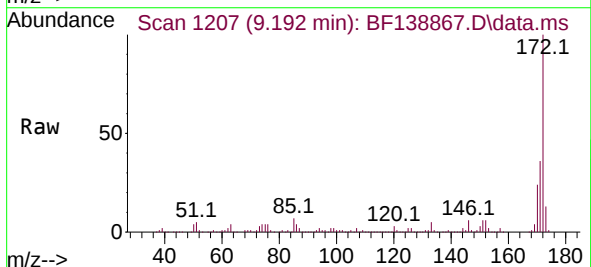


Tgt Ion:330 Resp: 115192
Ion Ratio Lower Upper
330 100
332 97.6 76.4 114.6
141 40.8 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 116.048 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138867.D
Acq: 08 Aug 2024 15:58

Tgt Ion:172 Resp: 591441
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.5 18.8 28.2

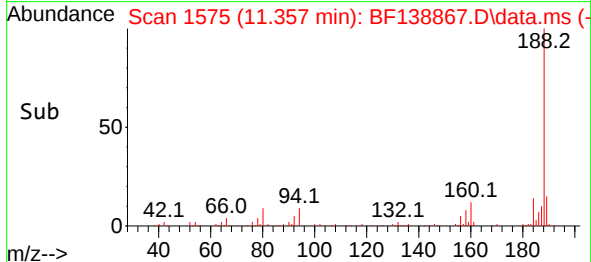
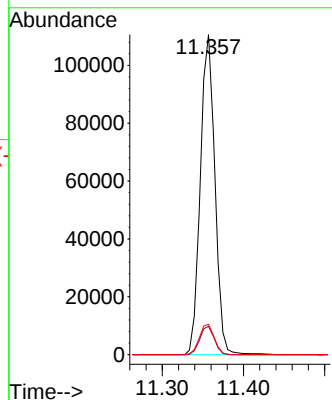
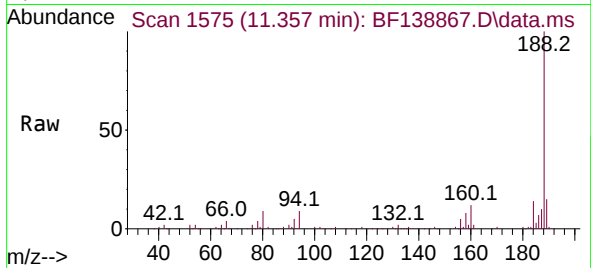




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138867.D
Acq: 08 Aug 2024 15:58

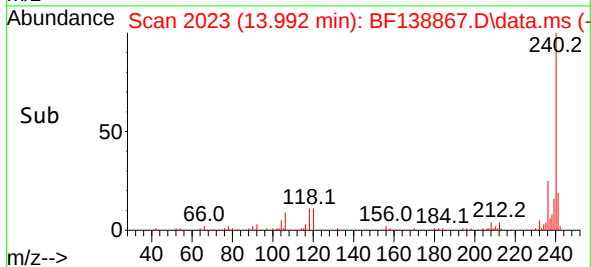
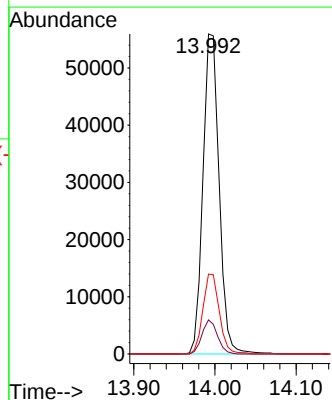
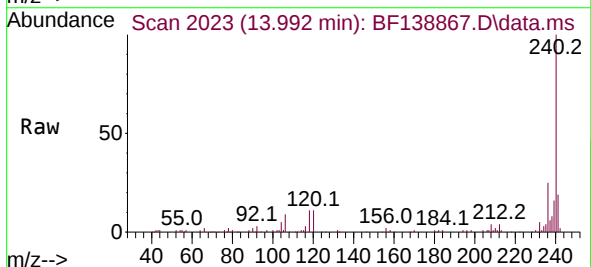
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Tgt Ion:188 Resp: 138104
Ion Ratio Lower Upper
188 100
94 8.9 7.6 11.4
80 9.5 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BF138867.D
Acq: 08 Aug 2024 15:58

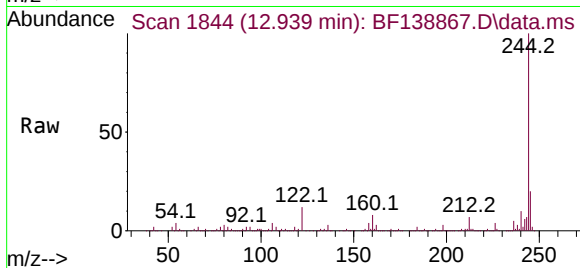
Tgt Ion:240 Resp: 77348
Ion Ratio Lower Upper
240 100
120 10.6 10.2 15.4
236 24.9 19.8 29.8



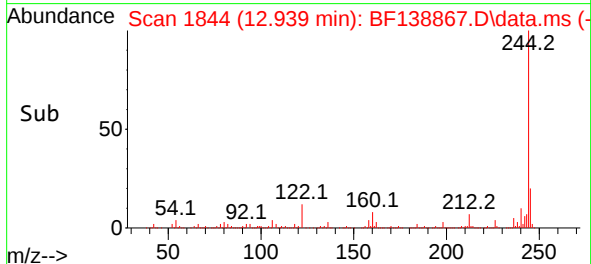
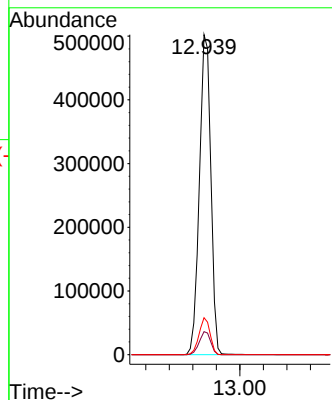


#79
 Terphenyl-d14
 Concen: 146.357 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF138867.D
 Acq: 08 Aug 2024 15:58

Instrument :
 BNA_F
 ClientSampleId :
 MLS-15-70-85



Tgt Ion:244 Resp: 676143
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 11.5 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: BF138867.D
 Acq: 08 Aug 2024 15:58

Tgt Ion:264 Resp: 64673
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.0 28.6
 265 21.2 17.0 25.6

