

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
 Data File : BF138868.D
 Acq On : 08 Aug 2024 16:28
 Operator : RC/JU
 Sample : P3416-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MLS-15-106-121

Quant Time: Aug 08 16:50:00 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	6.839	152	34958	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	140356	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	75794	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	130938	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	67458	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	61661	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	134818	59.532	ng	0.00
7) Phenol-d6	6.481	99	106965	35.180	ng	0.00
23) Nitrobenzene-d5	7.404	82	321576	112.017	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	103082	166.032	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	587749	116.512	ng	-0.01
79) Terphenyl-d14	12.939	244	550802	136.706	ng	0.00

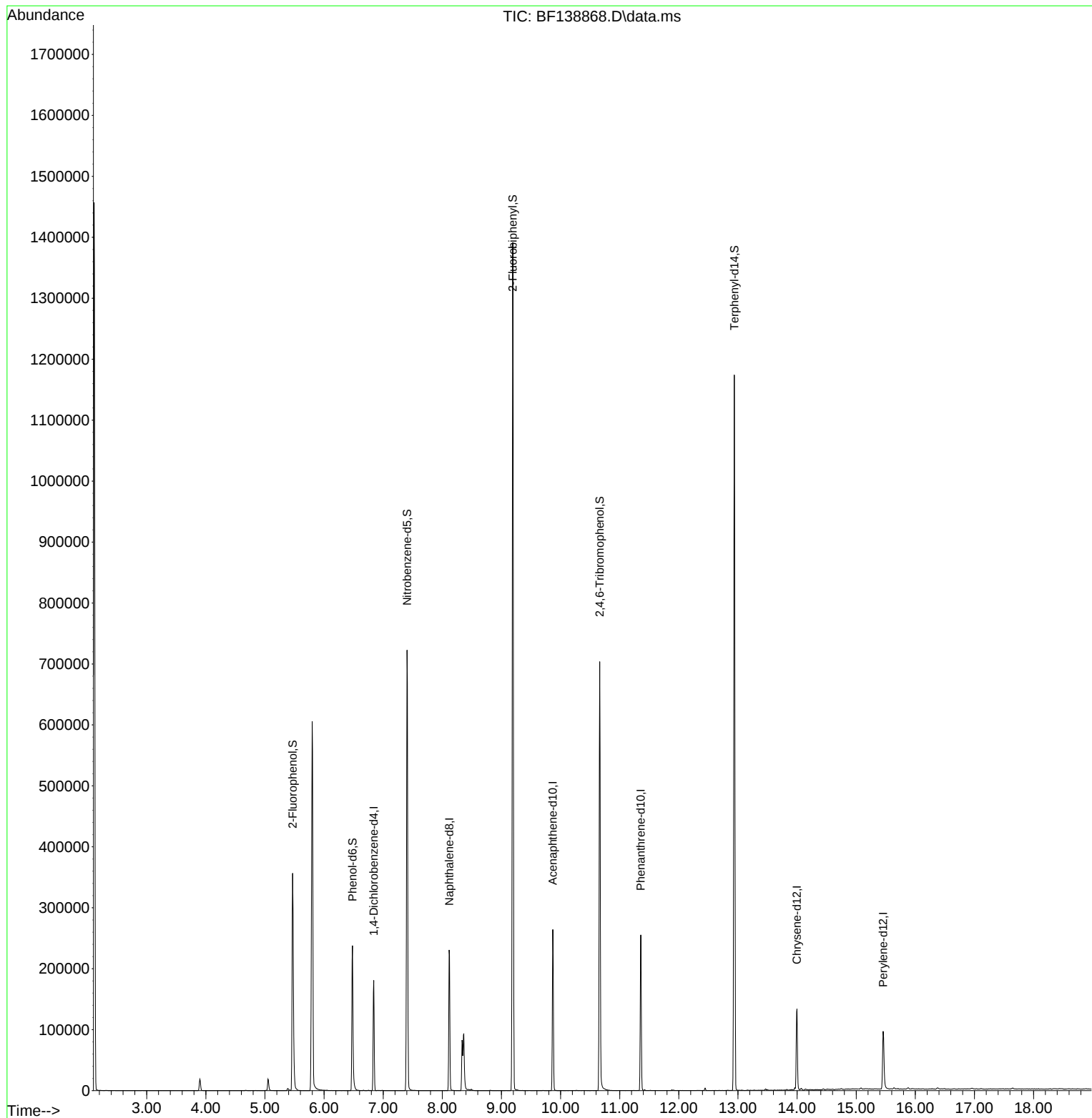
Target Compounds	Qvalue

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

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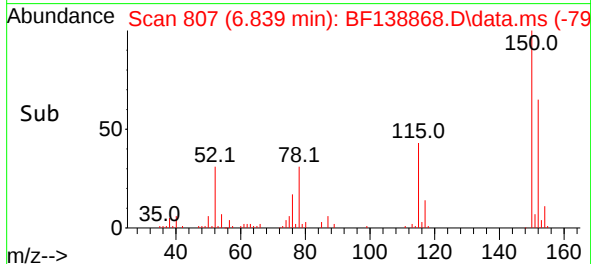
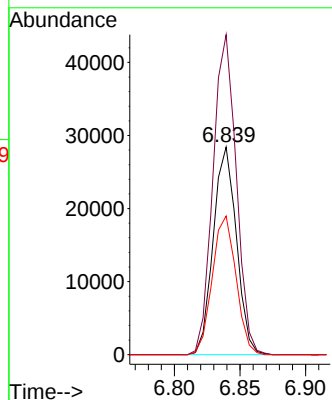
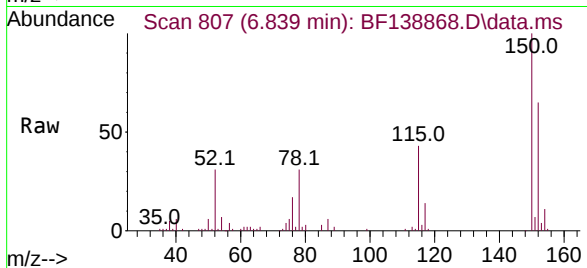




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF138868.D
Acq: 08 Aug 2024 16:28

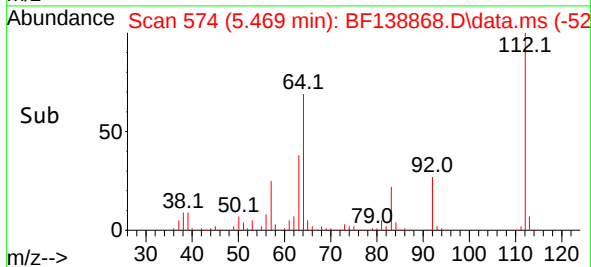
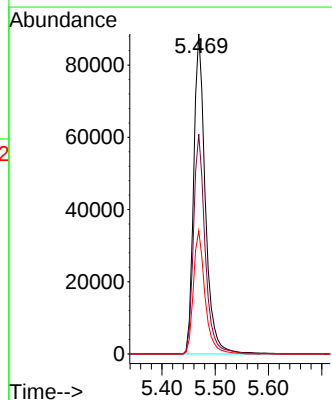
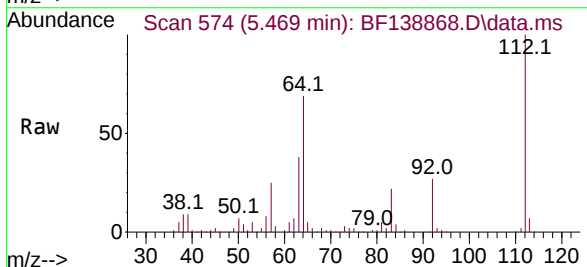
Instrument :
BNA_F
ClientSampleId :
MLS-15-106-121

Tgt Ion:152 Resp: 34958
Ion Ratio Lower Upper
152 100
150 154.1 126.0 189.0
115 66.8 51.7 77.5



#5
2-Fluorophenol
Concen: 59.532 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF138868.D
Acq: 08 Aug 2024 16:28

Tgt Ion:112 Resp: 134818
Ion Ratio Lower Upper
112 100
64 68.7 54.2 81.4
63 38.5 28.7 43.1





#7

Phenol-d6

Concen: 35.180 ng

RT: 6.481 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF138868.D

Acq: 08 Aug 2024 16:28

Instrument :

BNA_F

ClientSampleId :

MLS-15-106-121

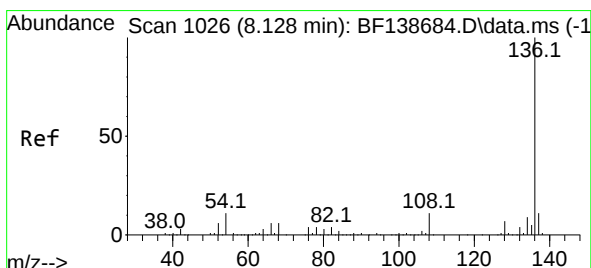
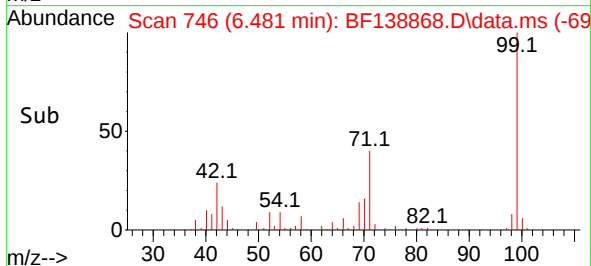
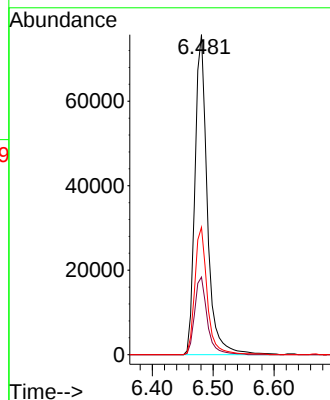
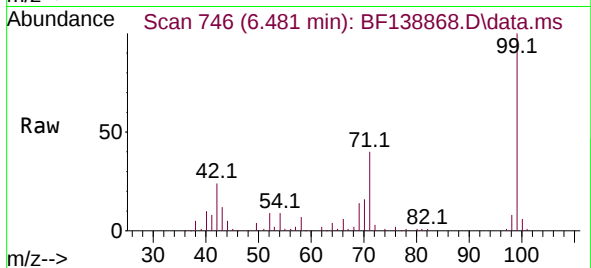
Tgt Ion: 99 Resp: 106965

Ion Ratio Lower Upper

99 100

42 24.2 17.4 26.0

71 39.8 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: BF138868.D

Acq: 08 Aug 2024 16:28

Tgt Ion: 136 Resp: 140356

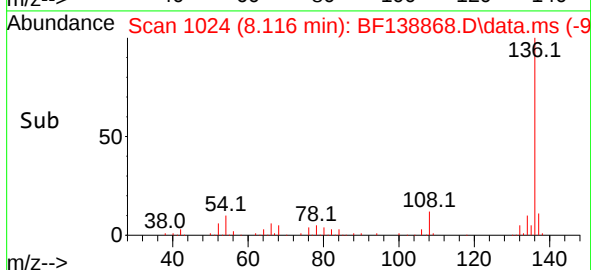
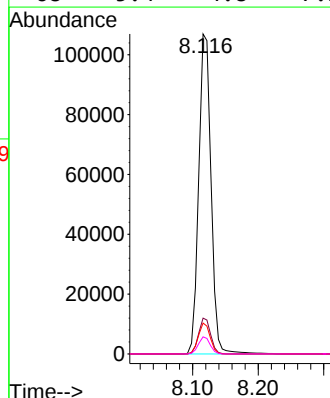
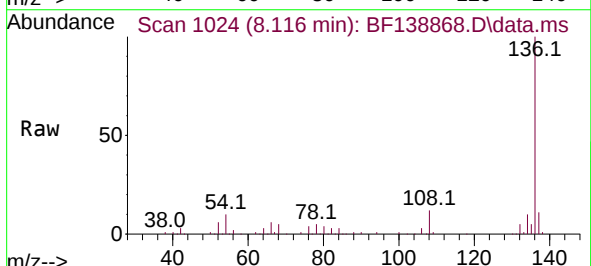
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.6 8.6 12.8

68 5.4 4.8 7.2





#23

Nitrobenzene-d5

Concen: 112.017 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138868.D

Acq: 08 Aug 2024 16:28

Instrument :

BNA_F

ClientSampleId :

MLS-15-106-121

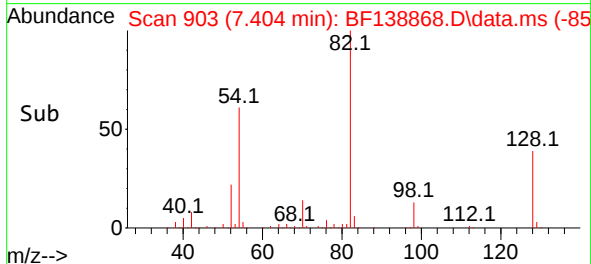
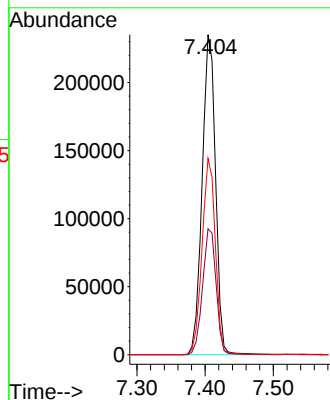
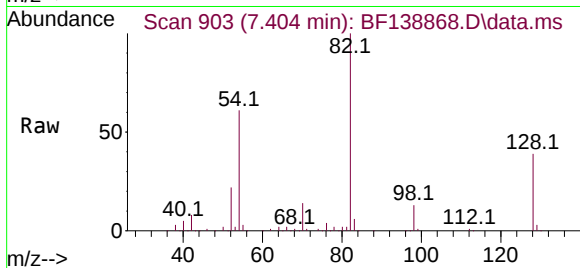
Tgt Ion: 82 Resp: 321576

Ion Ratio Lower Upper

82 100

128 39.3 32.8 49.2

54 61.4 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: BF138868.D

Acq: 08 Aug 2024 16:28

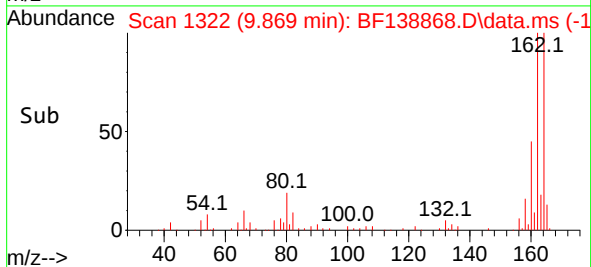
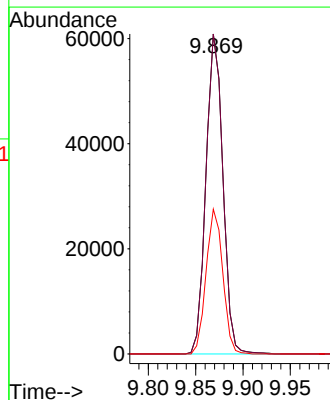
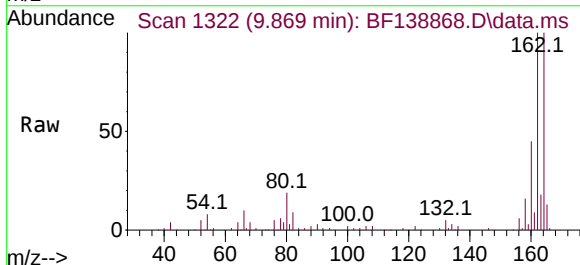
Tgt Ion:164 Resp: 75794

Ion Ratio Lower Upper

164 100

162 100.0 79.4 119.0

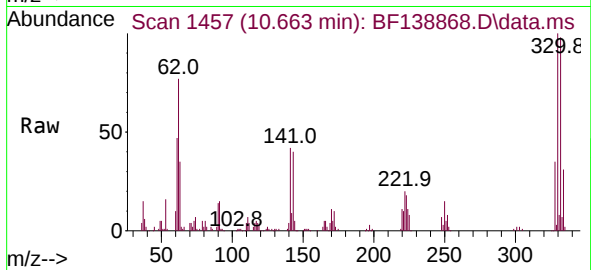
160 45.2 35.1 52.7



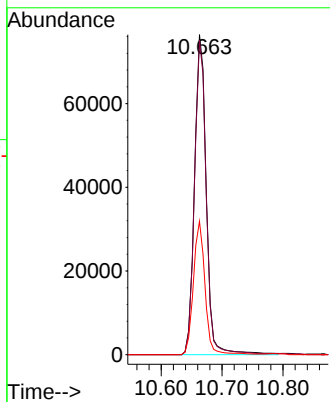
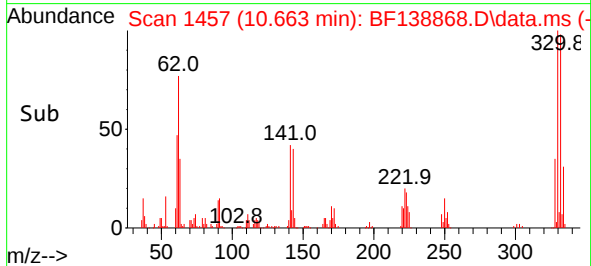


#42
2,4,6-Tribromophenol
Concen: 166.032 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF138868.D
Acq: 08 Aug 2024 16:28

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MLS-15-106-121

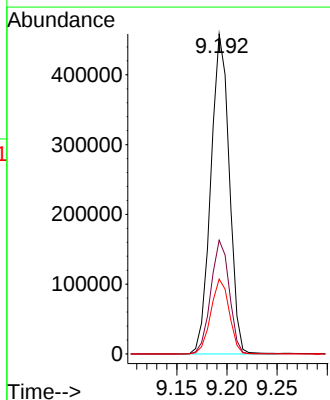
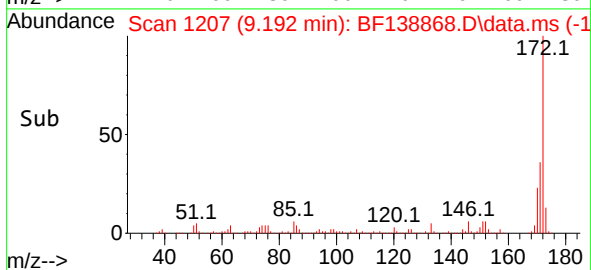
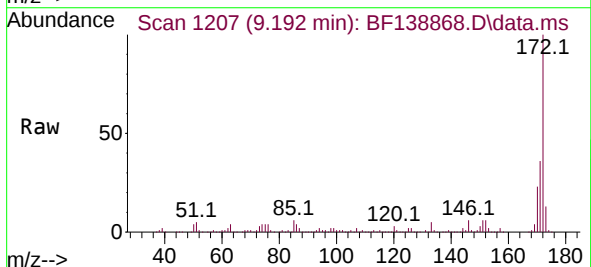


Tgt Ion:330 Resp: 103082
Ion Ratio Lower Upper
330 100
332 97.4 76.4 114.6
141 41.1 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 116.512 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138868.D
Acq: 08 Aug 2024 16:28

Tgt Ion:172 Resp: 587749
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.4 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: BF138868.D

Acq: 08 Aug 2024 16:28

Instrument :

BNA_F

ClientSampleId :

MLS-15-106-121

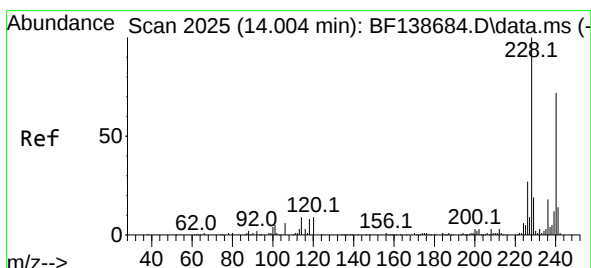
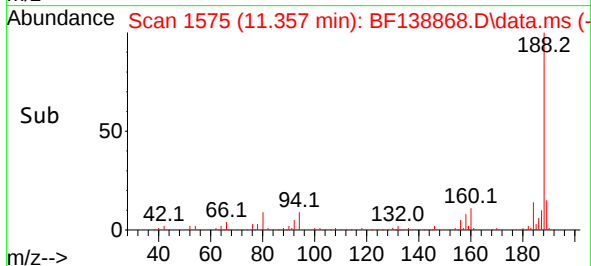
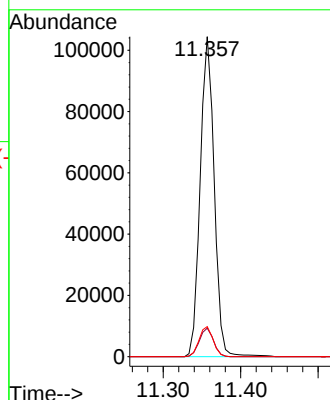
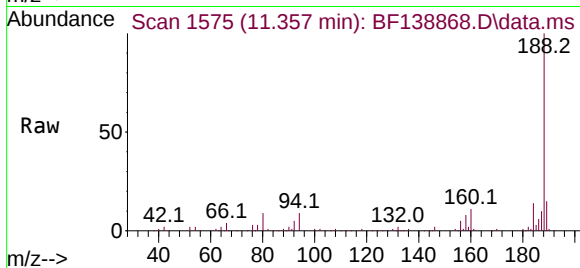
Tgt Ion:188 Resp: 130938

Ion Ratio Lower Upper

188 100

94 8.9 7.6 11.4

80 9.4 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: BF138868.D

Acq: 08 Aug 2024 16:28

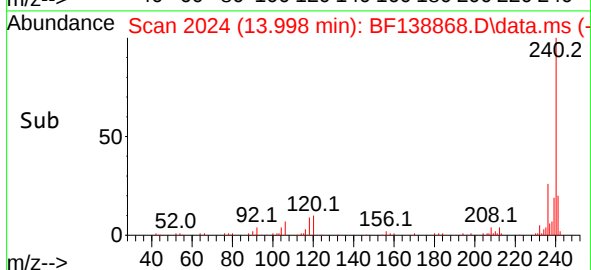
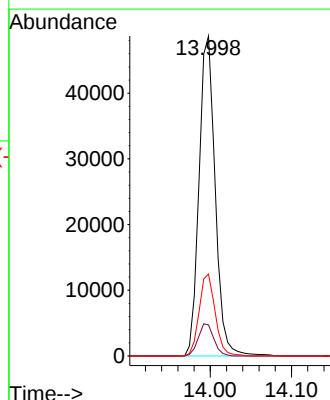
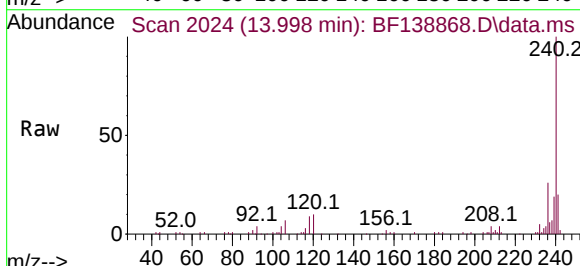
Tgt Ion:240 Resp: 67458

Ion Ratio Lower Upper

240 100

120 9.7 10.2 15.4#

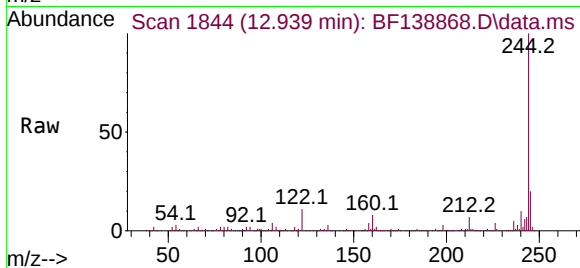
236 25.6 19.8 29.8



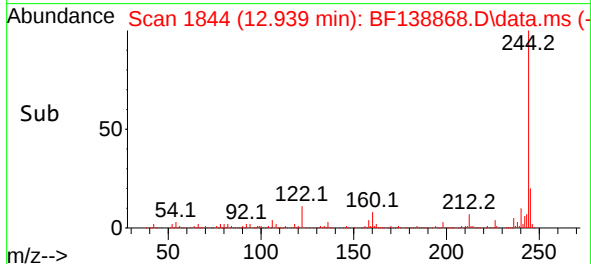
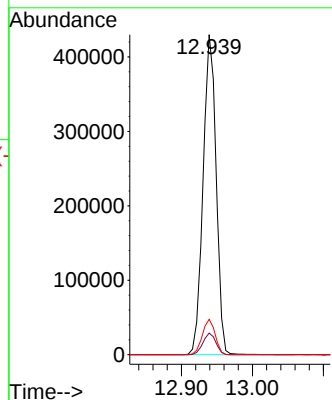


#79
 Terphenyl-d14
 Concen: 136.706 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF138868.D
 Acq: 08 Aug 2024 16:28

Instrument :
 BNA_F
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 MLS-15-106-121



Tgt Ion:244 Resp: 550802
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 11.1 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: BF138868.D
 Acq: 08 Aug 2024 16:28

Tgt Ion:264 Resp: 61661
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.6
 265 22.6 17.0 25.6

