

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080724\
 Data File : BF138852.D
 Acq On : 07 Aug 2024 20:07
 Operator : RC/JU
 Sample : P3430-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 926-K1-WP0-0-0.25-073124

Quant Time: Aug 08 01:20:53 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	42320	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	172163	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	94731	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	152765	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	73649	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	77267	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	195080	71.157	ng	0.00
7) Phenol-d6	6.481	99	165300	44.909	ng	0.00
23) Nitrobenzene-d5	7.404	82	353452	100.374	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	117657	151.625	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	662281	105.042	ng	-0.01
79) Terphenyl-d14	12.939	244	565556	128.568	ng	0.00

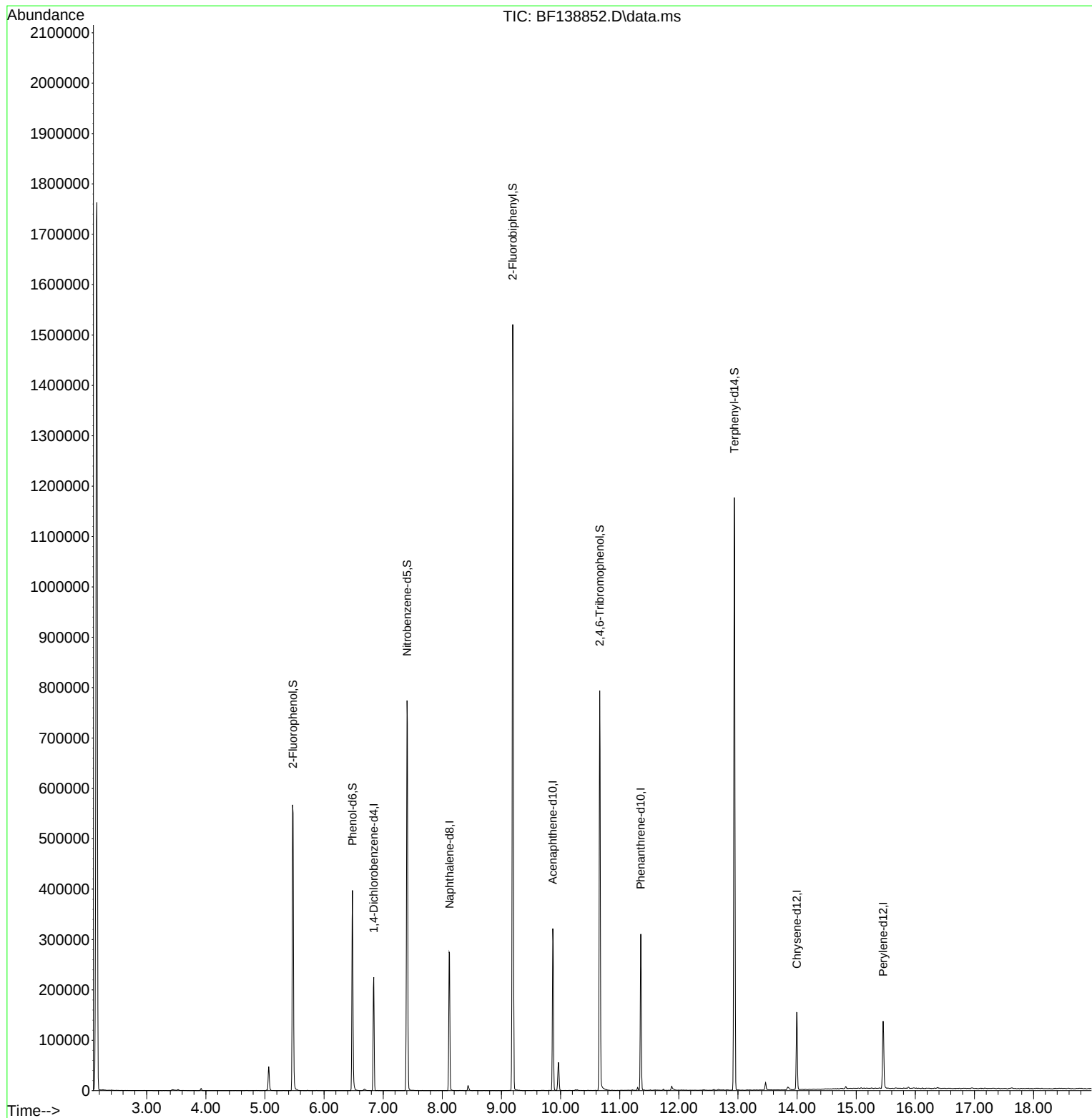
Target Compounds	Qvalue

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

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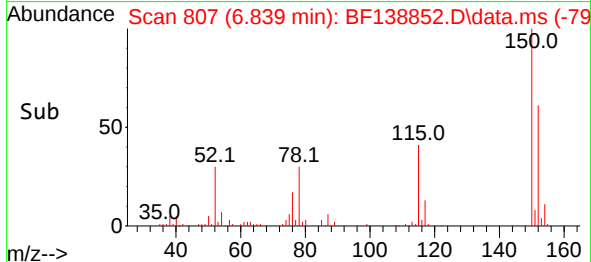
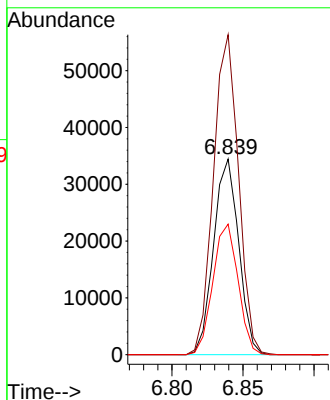
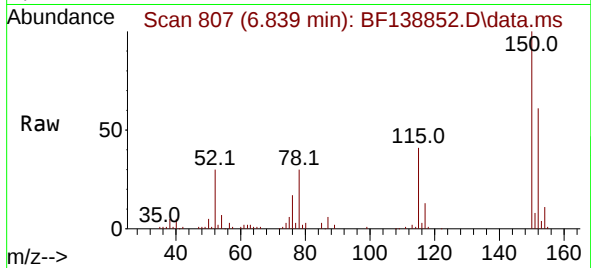




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF138852.D
Acq: 07 Aug 2024 20:07

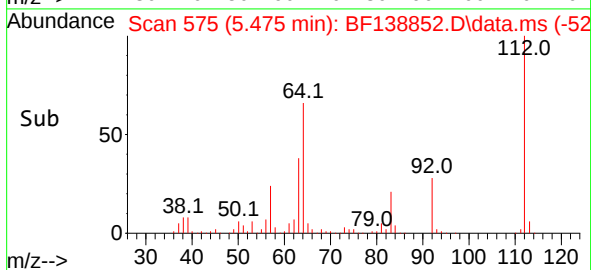
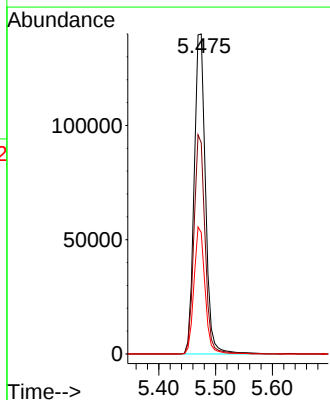
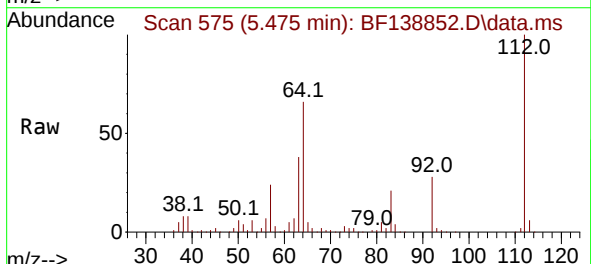
Instrument :
BNA_F
ClientSampleId :
926-K1-WP0-0-0.25-073124

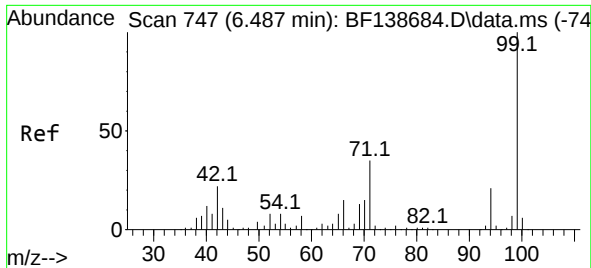
Tgt Ion:152 Resp: 42320
Ion Ratio Lower Upper
152 100
150 163.5 126.0 189.0
115 66.7 51.7 77.5



#5
2-Fluorophenol
Concen: 71.157 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF138852.D
Acq: 07 Aug 2024 20:07

Tgt Ion:112 Resp: 195080
Ion Ratio Lower Upper
112 100
64 66.0 54.2 81.4
63 37.9 28.7 43.1

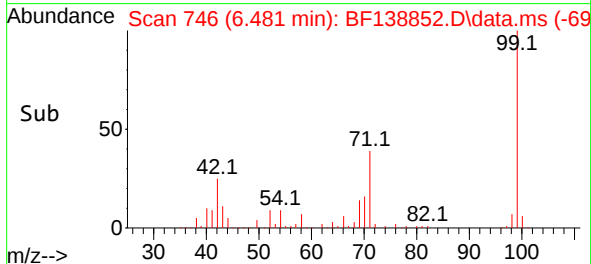
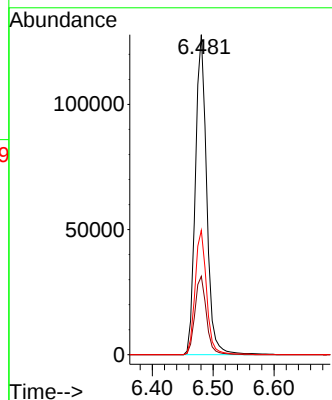
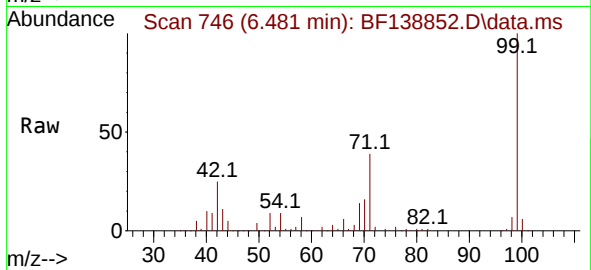




#7
Phenol-d6
Concen: 44.909 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138852.D
Acq: 07 Aug 2024 20:07

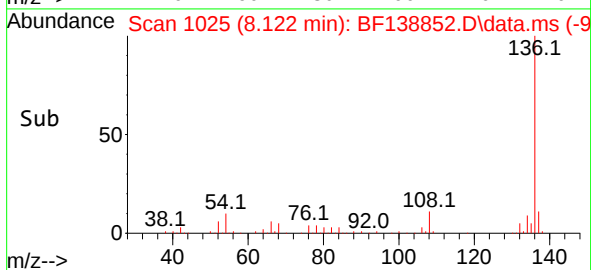
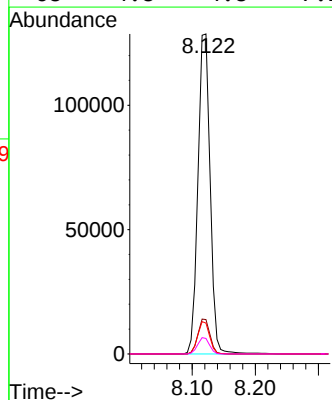
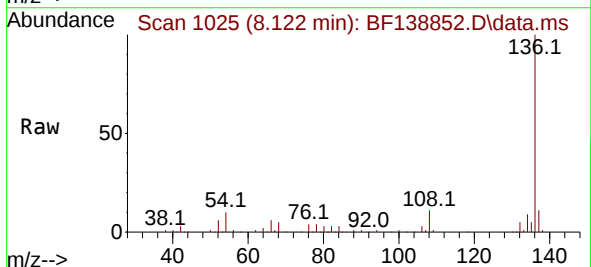
Instrument :
BNA_F
ClientSampleId :
926-K1-WP0-0-0.25-073124

Tgt Ion: 99 Resp: 165300
Ion Ratio Lower Upper
99 100
42 24.5 17.4 26.0
71 38.9 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: BF138852.D
Acq: 07 Aug 2024 20:07

Tgt Ion: 136 Resp: 172163
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 9.6 8.6 12.8
68 4.8 4.8 7.2





#23

Nitrobenzene-d5

Concen: 100.374 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138852.D

Acq: 07 Aug 2024 20:07

Instrument :

BNA_F

ClientSampleId :

926-K1-WP0-0-0.25-073124

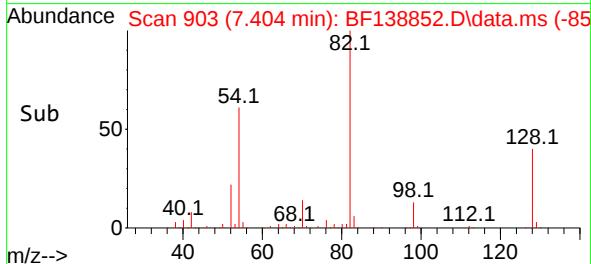
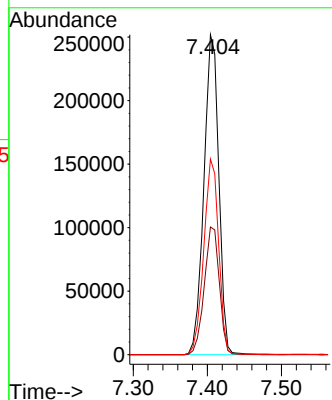
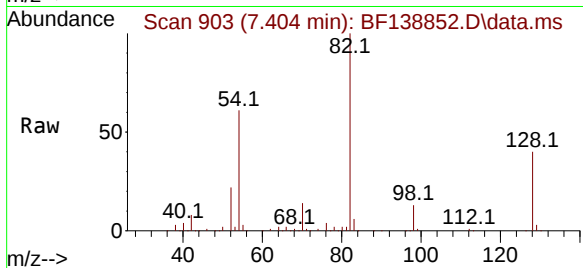
Tgt Ion: 82 Resp: 353452

Ion Ratio Lower Upper

82 100

128 39.9 32.8 49.2

54 61.2 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: BF138852.D

Acq: 07 Aug 2024 20:07

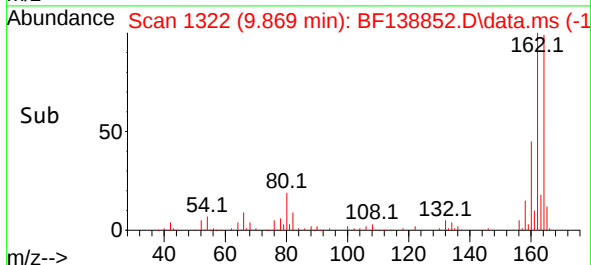
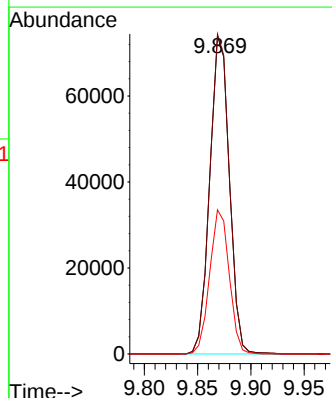
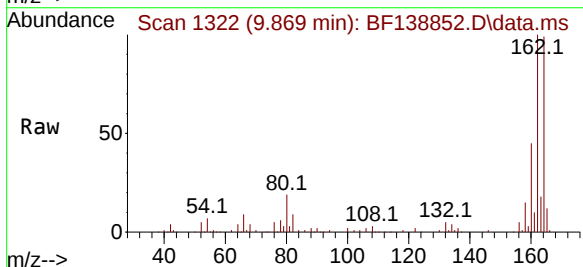
Tgt Ion:164 Resp: 94731

Ion Ratio Lower Upper

164 100

162 100.7 79.4 119.0

160 45.4 35.1 52.7

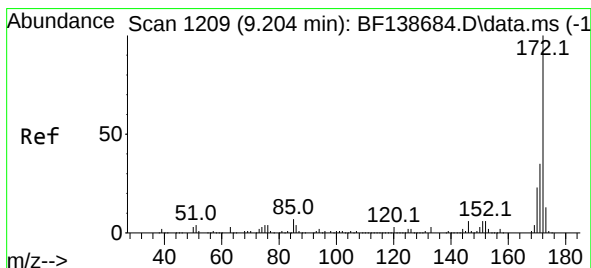
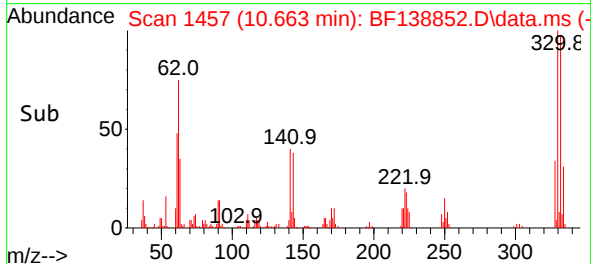
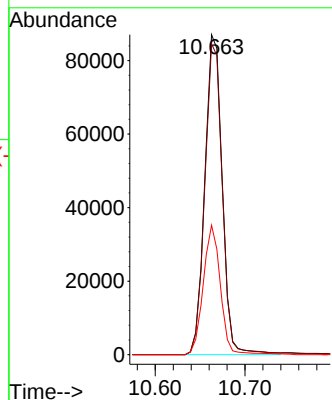
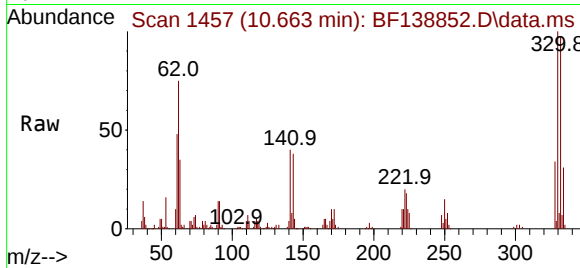




#42
2,4,6-Tribromophenol
Concen: 151.625 ng
RT: 10.663 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF138852.D
Acq: 07 Aug 2024 20:07

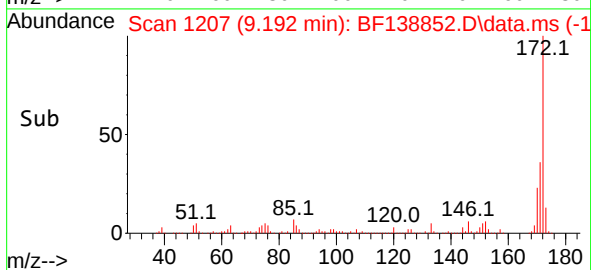
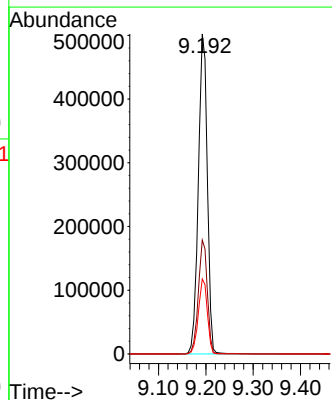
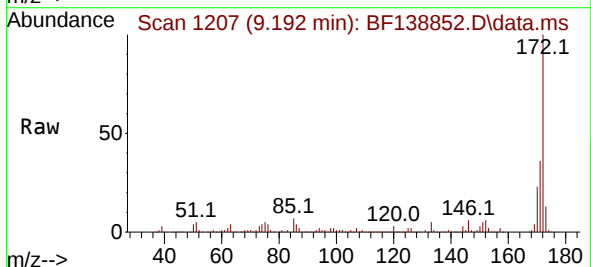
Instrument :
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ClientSampleId :
926-K1-WP0-0-0.25-073124

Tgt Ion: 330 Resp: 117657
Ion Ratio Lower Upper
330 100
332 98.6 76.4 114.6
141 39.8 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 105.042 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138852.D
Acq: 07 Aug 2024 20:07

Tgt Ion: 172 Resp: 662281
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.4 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: BF138852.D

Acq: 07 Aug 2024 20:07

Instrument :

BNA_F

ClientSampleId :

926-K1-WP0-0-0.25-073124

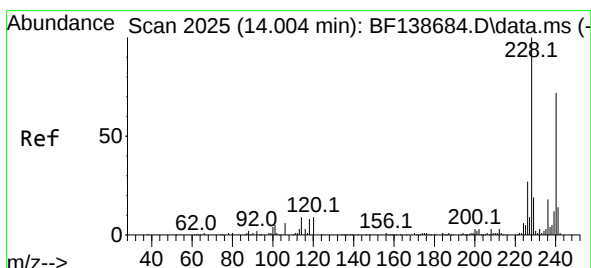
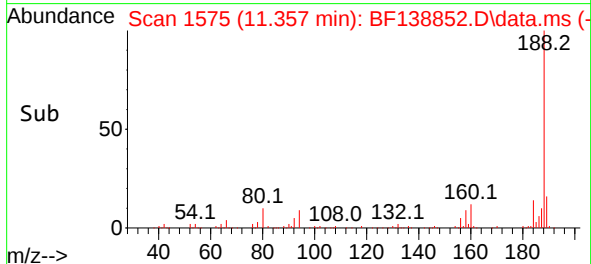
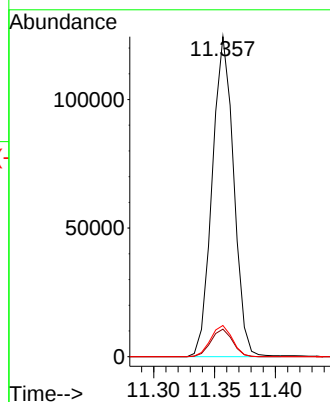
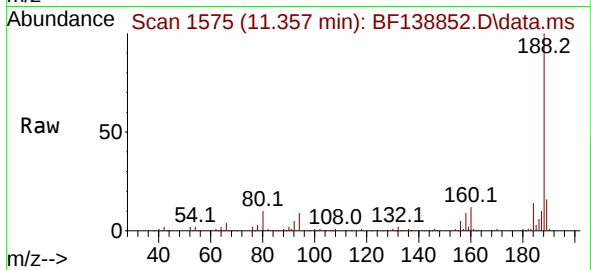
Tgt Ion:188 Resp: 152765

Ion Ratio Lower Upper

188 100

94 8.6 7.6 11.4

80 9.7 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: BF138852.D

Acq: 07 Aug 2024 20:07

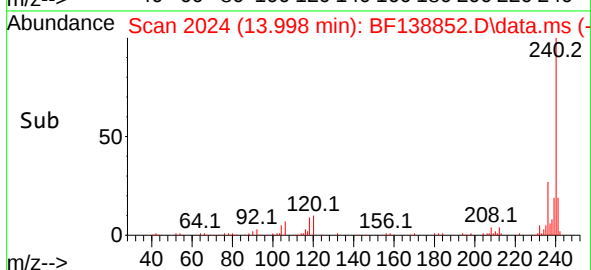
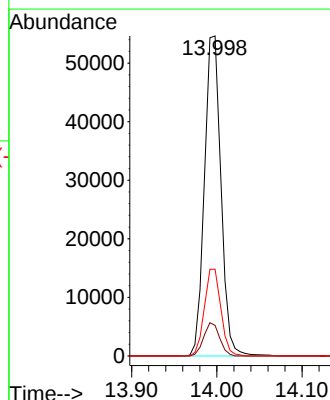
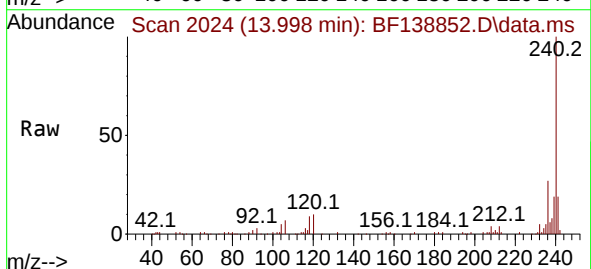
Tgt Ion:240 Resp: 73649

Ion Ratio Lower Upper

240 100

120 9.5 10.2 15.4#

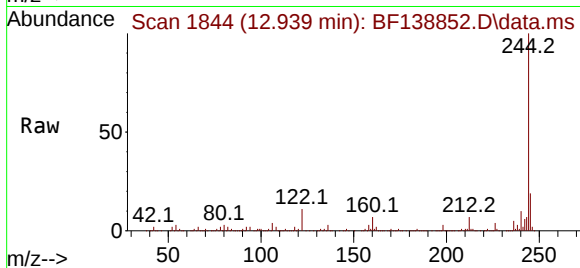
236 27.1 19.8 29.8



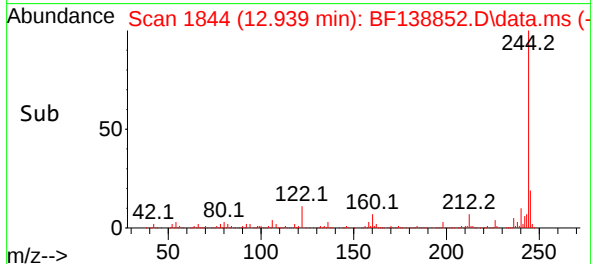
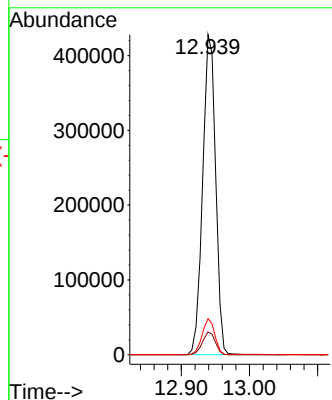


#79
Terphenyl-d14
Concen: 128.568 ng
RT: 12.939 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BF138852.D
Acq: 07 Aug 2024 20:07

Instrument :
BNA_F
ClientSampleId :
926-K1-WP0-0-0.25-073124



Tgt Ion:244 Resp: 565556
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 11.3 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: BF138852.D
Acq: 07 Aug 2024 20:07

Tgt Ion:264 Resp: 77267
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.6
265 21.3 17.0 25.6

