

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081324\
 Data File : BF138973.D
 Acq On : 13 Aug 2024 14:18
 Operator : RC/JU
 Sample : P3520-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-VSL-01-080624

Quant Time: Aug 13 14:42:34 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	39080	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	155645	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	86104	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	134801	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	69021	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	66827	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	237652	93.872	ng	0.00
7) Phenol-d6	6.481	99	320840	94.392	ng	0.00
23) Nitrobenzene-d5	7.404	82	206408	64.837	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	66143	93.779	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	381304	66.537	ng	-0.01
79) Terphenyl-d14	12.939	244	317595	77.040	ng	0.00

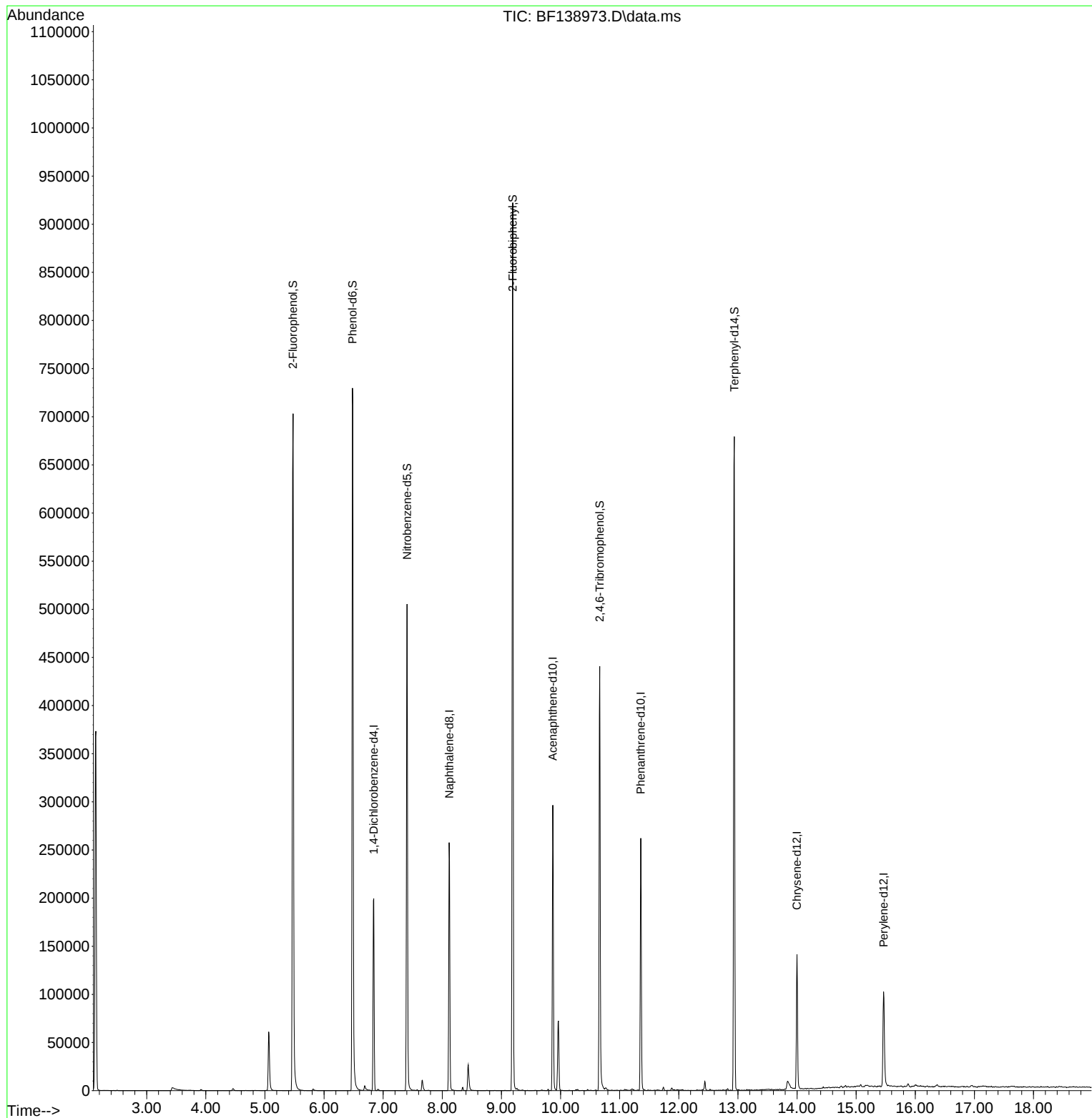
Target Compounds	Qvalue

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

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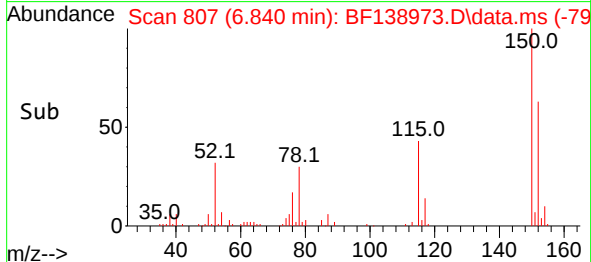
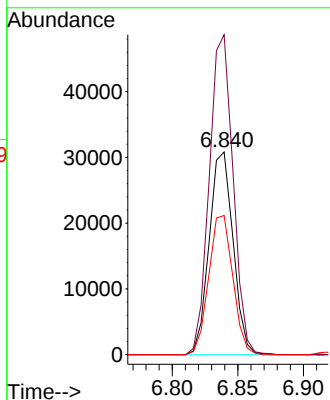
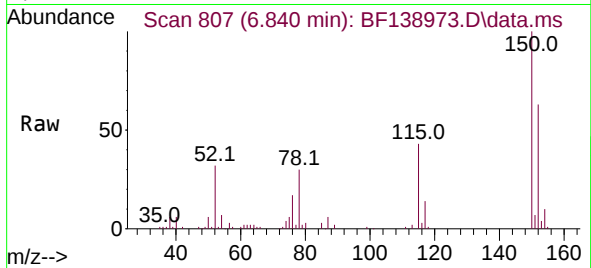




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138973.D
Acq: 13 Aug 2024 14:18

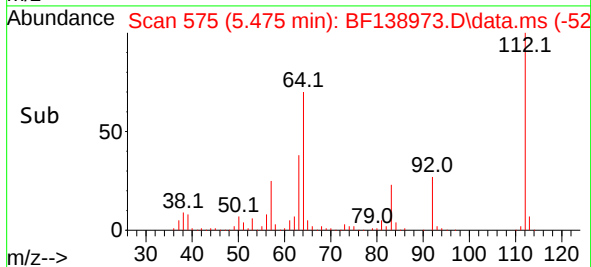
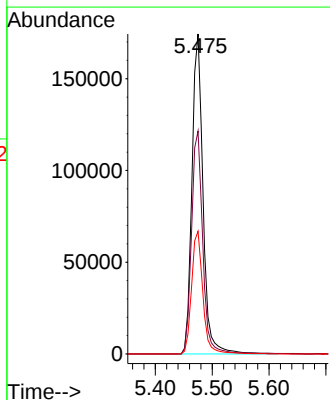
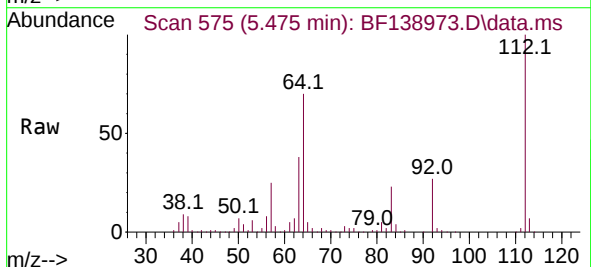
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-01-080624

Tgt Ion:152 Resp: 39080
Ion Ratio Lower Upper
152 100
150 157.8 126.0 189.0
115 68.6 51.7 77.5



#5
2-Fluorophenol
Concen: 93.872 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF138973.D
Acq: 13 Aug 2024 14:18

Tgt Ion:112 Resp: 237652
Ion Ratio Lower Upper
112 100
64 69.6 54.2 81.4
63 38.4 28.7 43.1

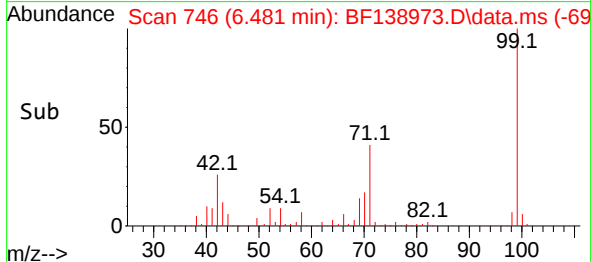
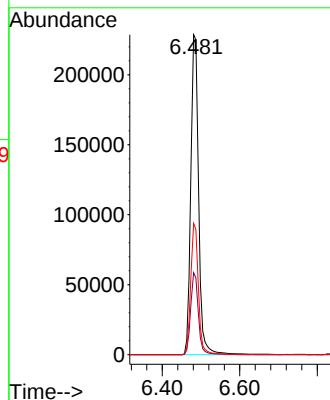
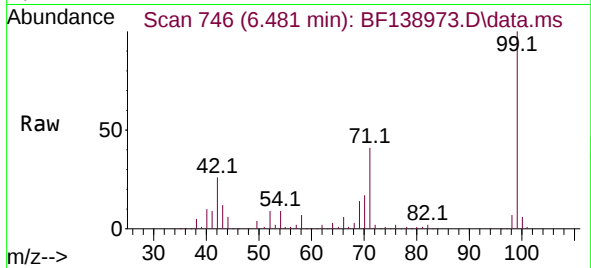




#7
Phenol-d6
Concen: 94.392 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138973.D
Acq: 13 Aug 2024 14:18

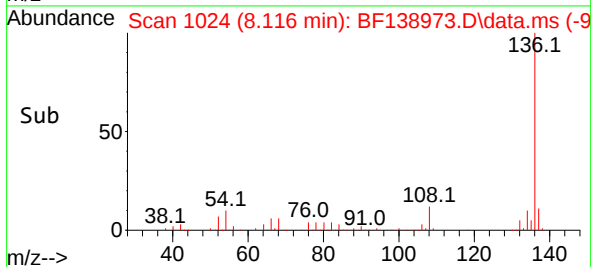
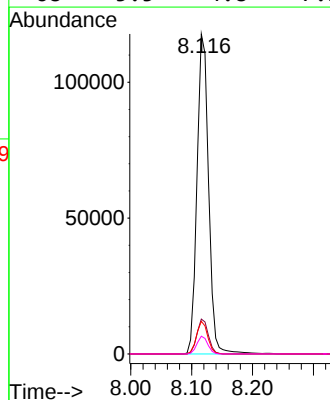
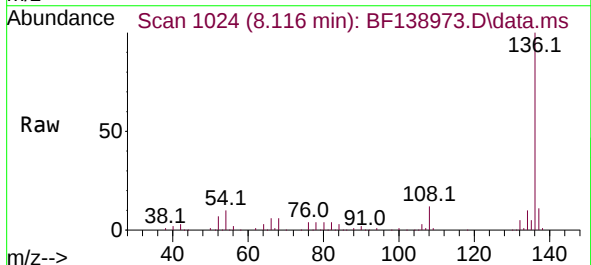
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-01-080624

Tgt Ion: 99 Resp: 320840
Ion Ratio Lower Upper
99 100
42 25.6 17.4 26.0
71 41.0 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: BF138973.D
Acq: 13 Aug 2024 14:18

Tgt Ion: 136 Resp: 155645
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 10.2 8.6 12.8
68 5.5 4.8 7.2





#23

Nitrobenzene-d5

Concen: 64.837 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138973.D

Acq: 13 Aug 2024 14:18

Instrument :

BNA_F

ClientSampleId :

OU4-VSL-01-080624

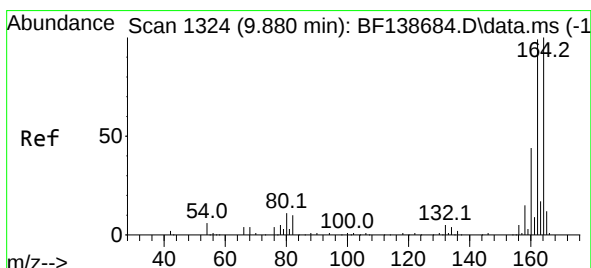
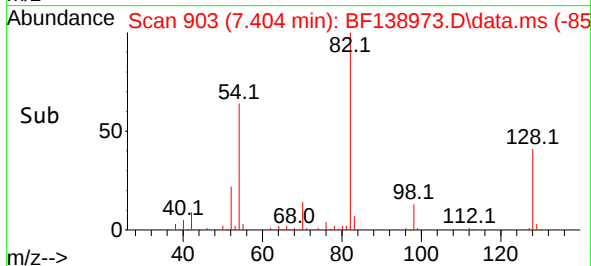
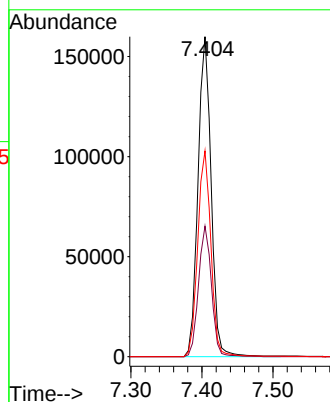
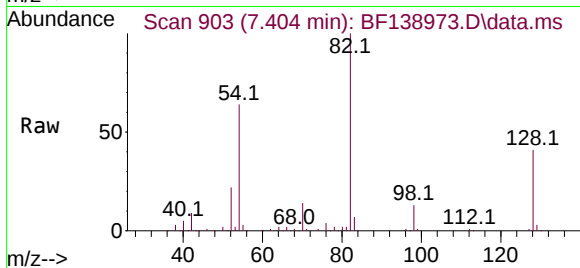
Tgt Ion: 82 Resp: 206408

Ion Ratio Lower Upper

82 100

128 40.8 32.8 49.2

54 64.3 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: BF138973.D

Acq: 13 Aug 2024 14:18

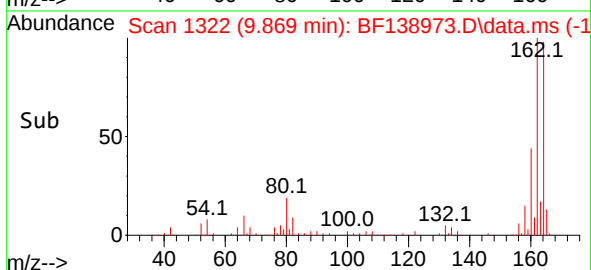
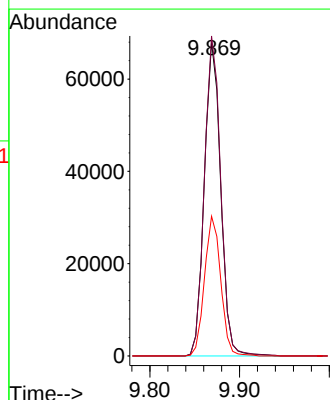
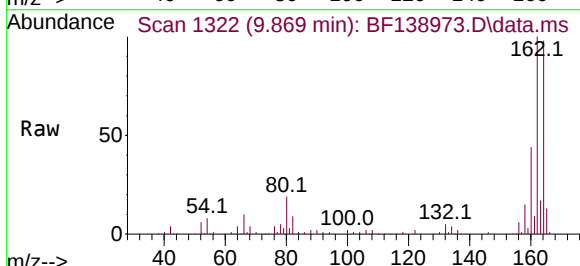
Tgt Ion:164 Resp: 86104

Ion Ratio Lower Upper

164 100

162 102.0 79.4 119.0

160 44.5 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 93.779 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF138973.D

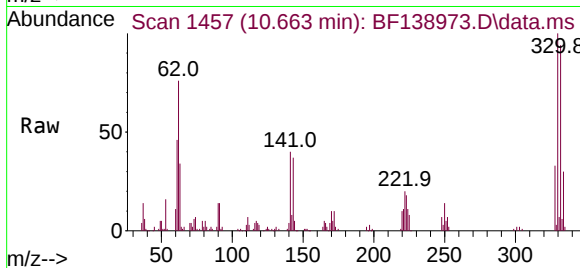
Acq: 13 Aug 2024 14:18

Instrument :

BNA_F

ClientSampleId :

OU4-VSL-01-080624



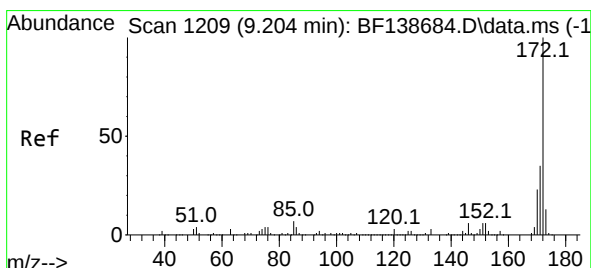
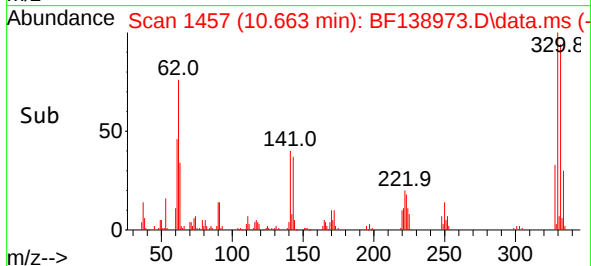
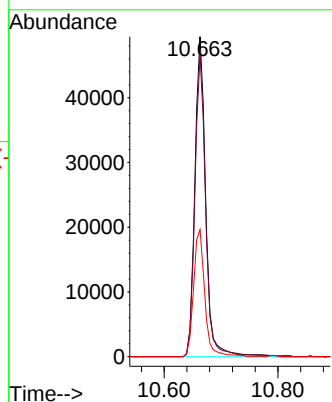
Tgt Ion:330 Resp: 66143

Ion Ratio Lower Upper

330 100

332 93.6 76.4 114.6

141 40.8 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 66.537 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF138973.D

Acq: 13 Aug 2024 14:18

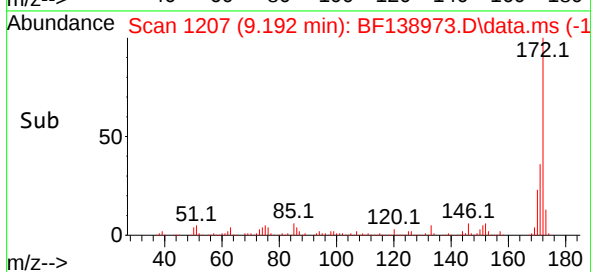
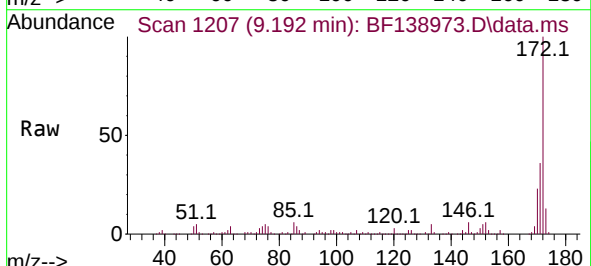
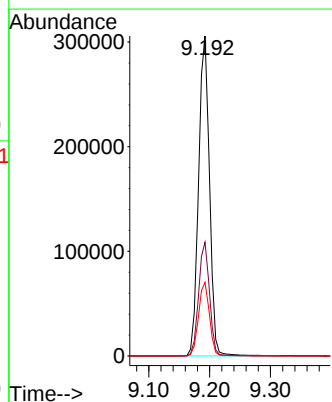
Tgt Ion:172 Resp: 381304

Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

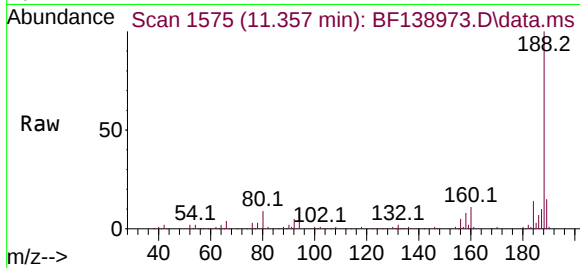
170 23.0 18.8 28.2



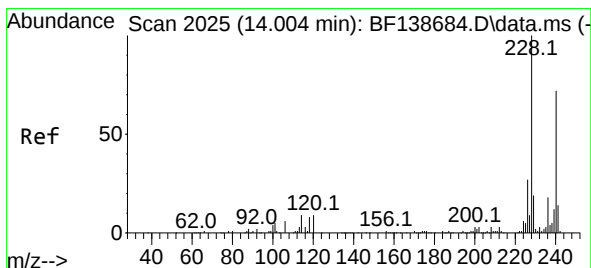
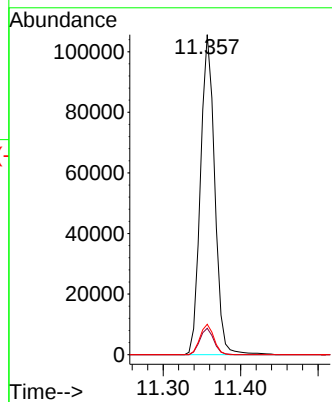
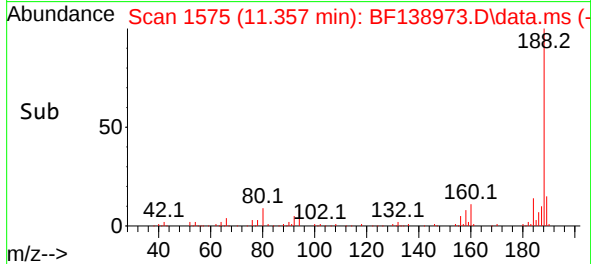


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138973.D
Acq: 13 Aug 2024 14:18

Instrument :
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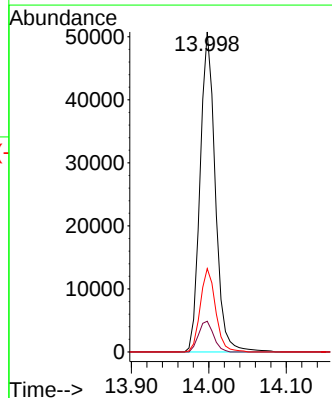
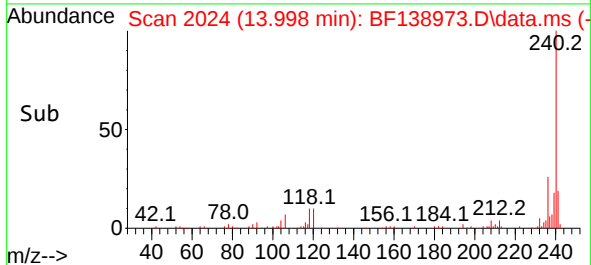
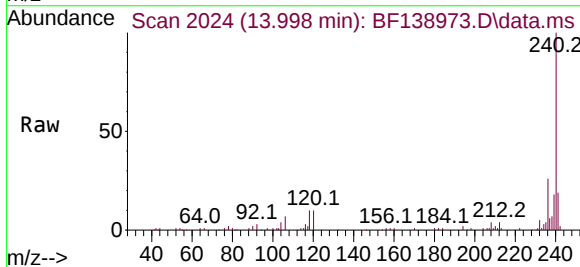


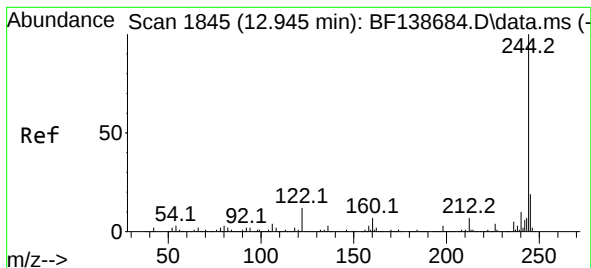
Tgt Ion:188 Resp: 134801
Ion Ratio Lower Upper
188 100
94 8.2 7.6 11.4
80 9.5 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138973.D
Acq: 13 Aug 2024 14:18

Tgt Ion:240 Resp: 69021
Ion Ratio Lower Upper
240 100
120 9.6 10.2 15.4#
236 26.0 19.8 29.8





#79

Terphenyl-d14

Concen: 77.040 ng

RT: 12.939 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138973.D

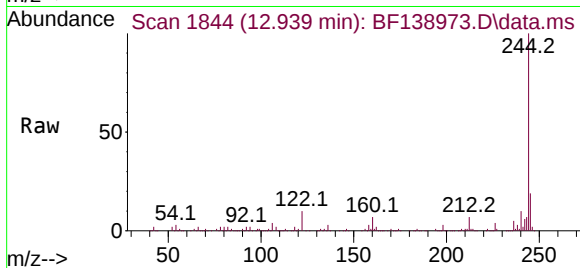
Acq: 13 Aug 2024 14:18

Instrument :

BNA_F

ClientSampleId :

OU4-VSL-01-080624



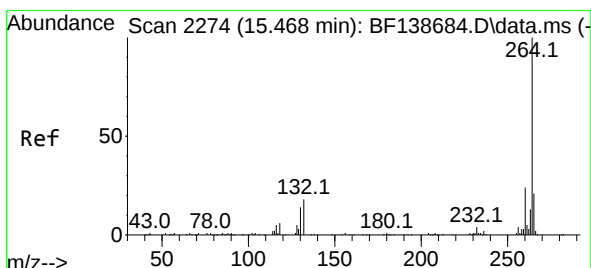
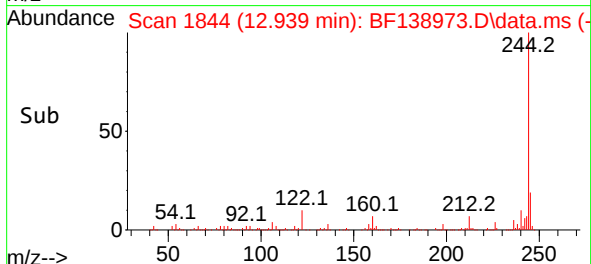
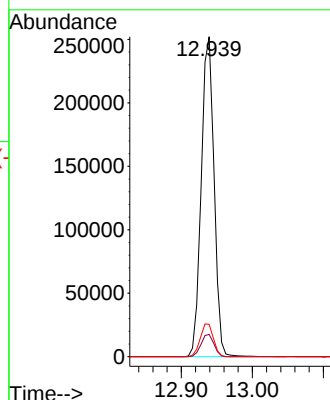
Tgt Ion:244 Resp: 317595

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 10.1 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF138973.D

Acq: 13 Aug 2024 14:18

Tgt Ion:264 Resp: 66827

Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.6

265 21.0 17.0 25.6

