

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081424\
 Data File : BF138996.D
 Acq On : 14 Aug 2024 16:10
 Operator : RC/JU
 Sample : P3548-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-12017-72-11934

Quant Time: Aug 14 16:32:36 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	6.834	152	34973	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	137225	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	69312	20.000	ng	-0.01
64) Phenanthrene-d10	11.351	188	97739	20.000	ng	-0.02
76) Chrysene-d12	13.998	240	64519	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	54739	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	112294	49.565	ng	0.00
7) Phenol-d6	6.481	99	194937	64.086	ng	0.00
23) Nitrobenzene-d5	7.398	82	128175	45.667	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	19879	35.013	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	227605	49.339	ng	-0.02
79) Terphenyl-d14	12.933	244	174339	45.241	ng	-0.01

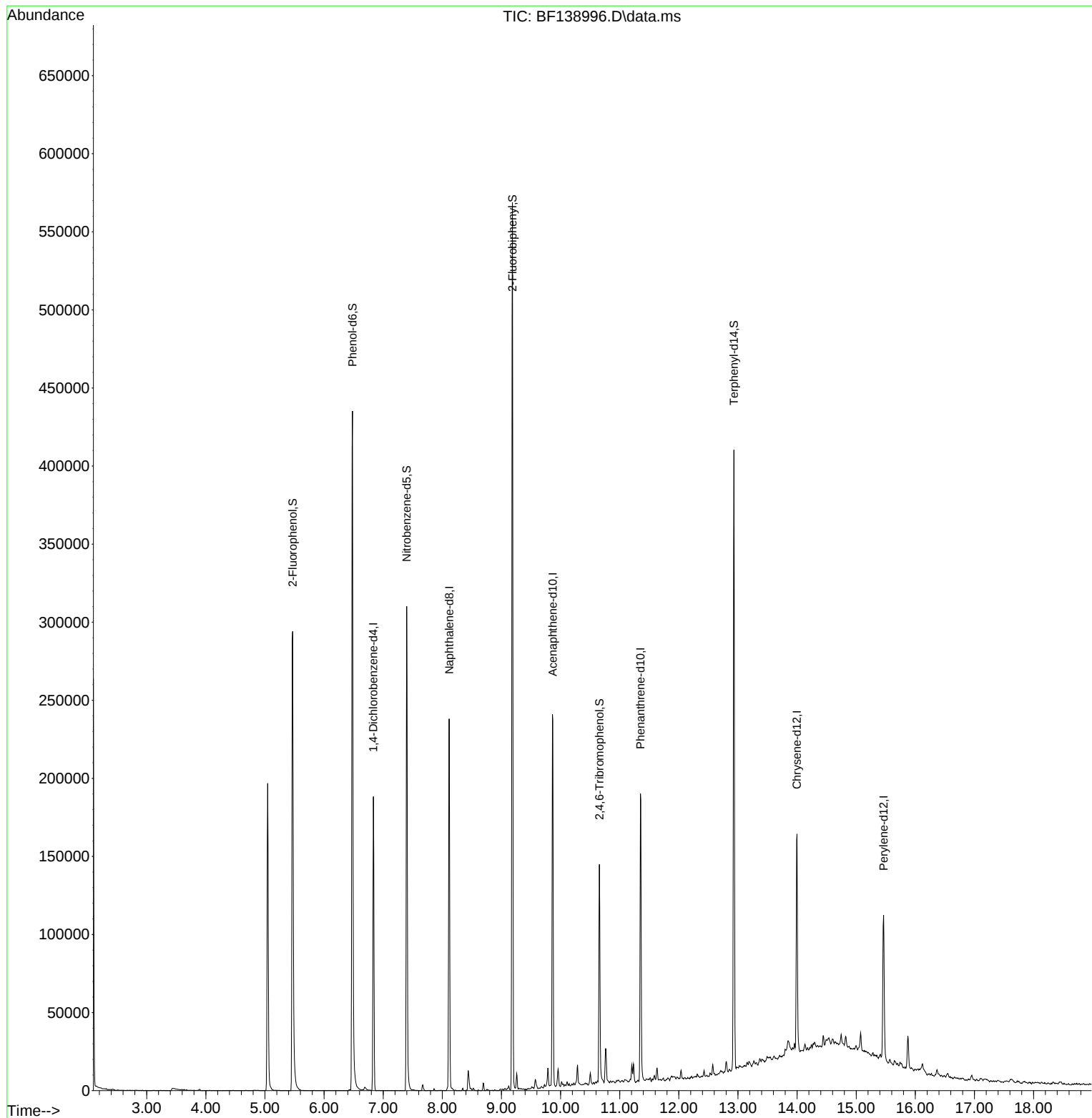
Target Compounds	Qvalue

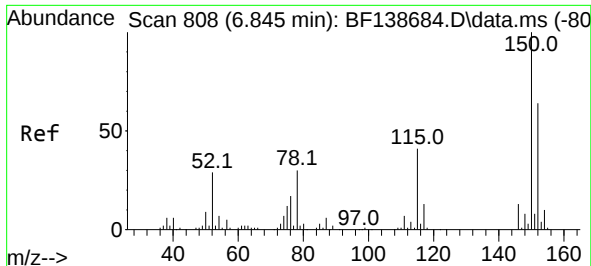
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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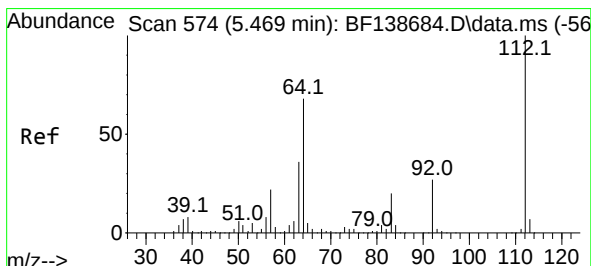
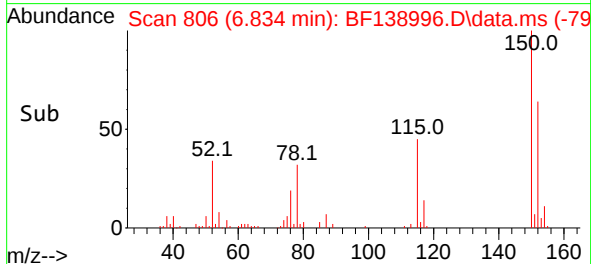
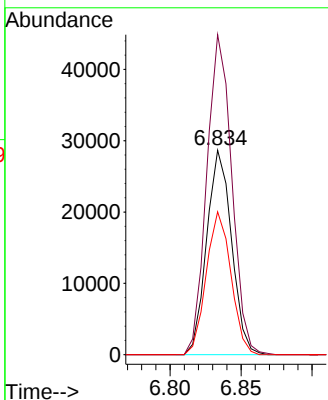
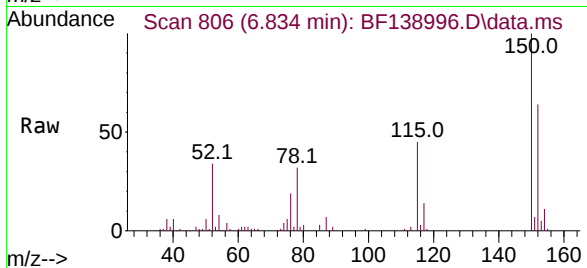




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.011 min
Lab File: BF138996.D
Acq: 14 Aug 2024 16:10

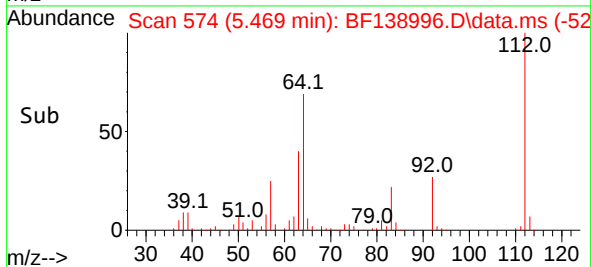
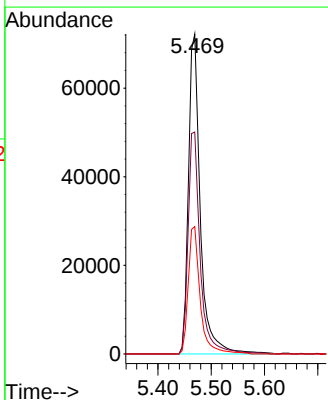
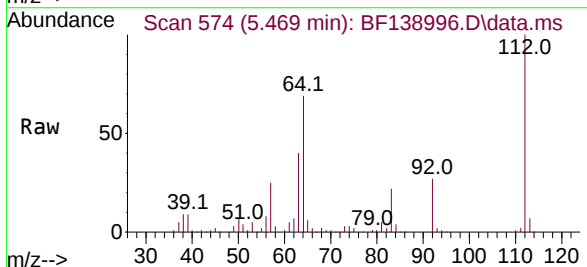
Instrument :
BNA_F
ClientSampleId :
72-12017-72-11934

Tgt Ion:152 Resp: 34973
Ion Ratio Lower Upper
152 100
150 156.5 126.0 189.0
115 69.9 51.7 77.5



#5
2-Fluorophenol
Concen: 49.565 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF138996.D
Acq: 14 Aug 2024 16:10

Tgt Ion:112 Resp: 112294
Ion Ratio Lower Upper
112 100
64 69.4 54.2 81.4
63 39.8 28.7 43.1

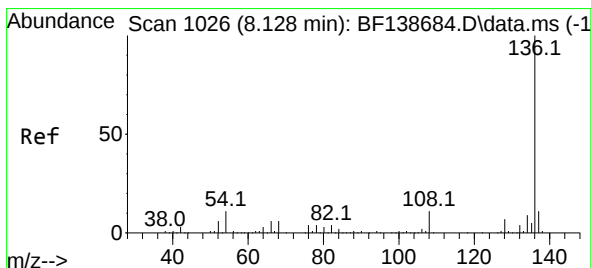
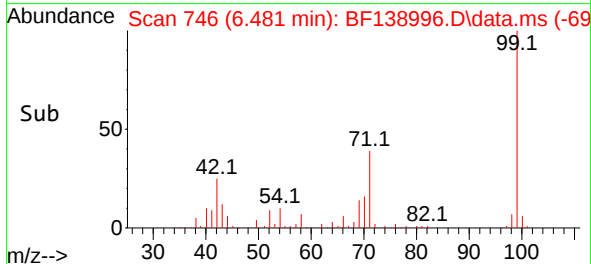
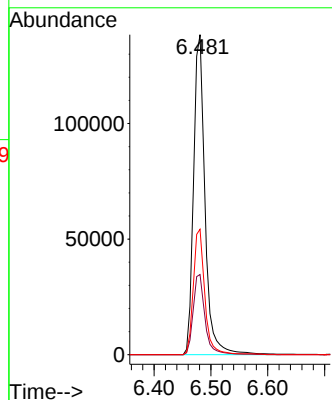
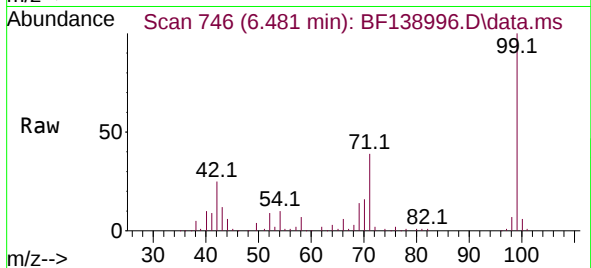




#7
Phenol-d6
Concen: 64.086 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138996.D
Acq: 14 Aug 2024 16:10

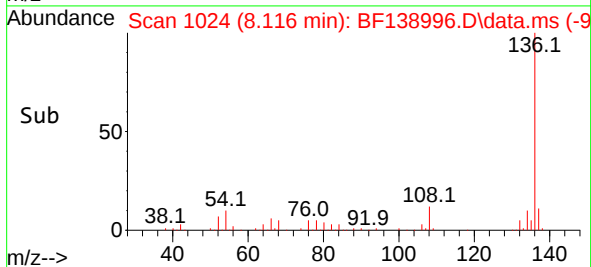
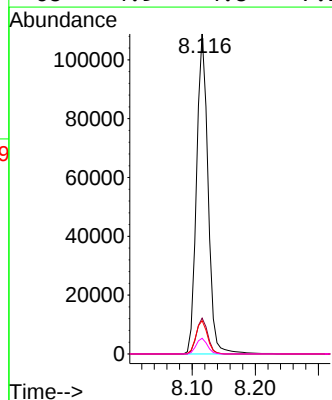
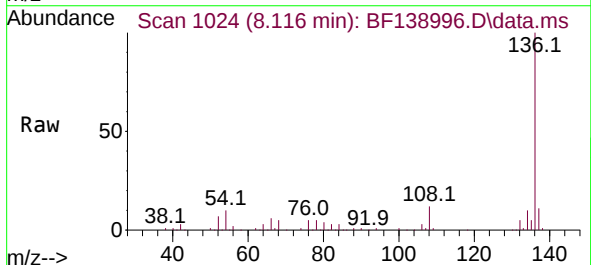
Instrument :
BNA_F
ClientSampleId :
72-12017-72-11934

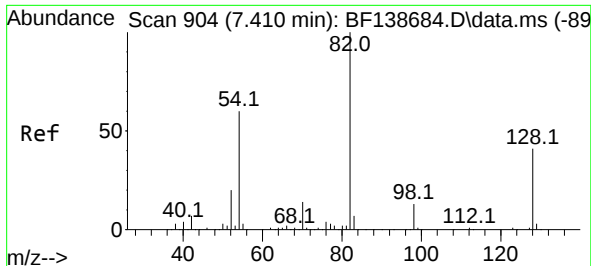
Tgt Ion: 99 Resp: 194937
Ion Ratio Lower Upper
99 100
42 25.0 17.4 26.0
71 39.2 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138996.D
Acq: 14 Aug 2024 16:10

Tgt Ion: 136 Resp: 137225
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 10.4 8.6 12.8
68 4.9 4.8 7.2





#23

Nitrobenzene-d5

Concen: 45.667 ng

RT: 7.398 min Scan# 904

Delta R.T. -0.012 min

Lab File: BF138996.D

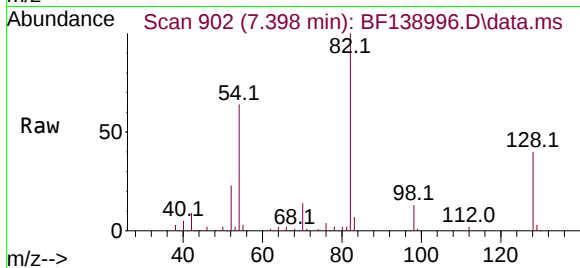
Acq: 14 Aug 2024 16:10

Instrument :

BNA_F

ClientSampleId :

72-12017-72-11934



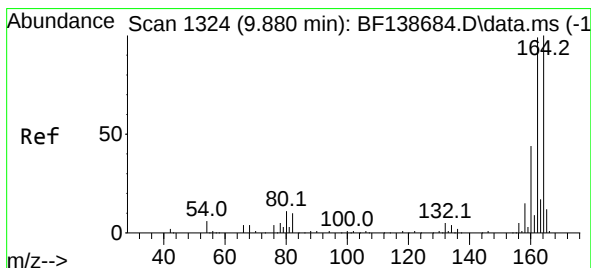
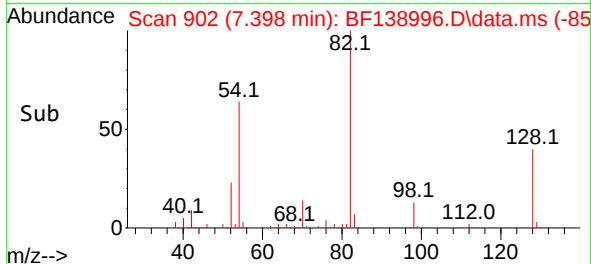
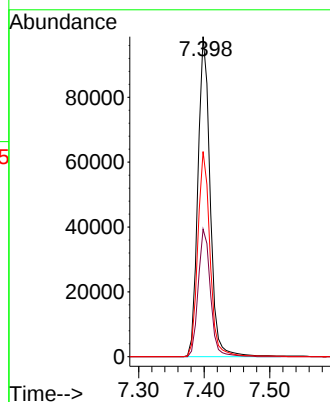
Tgt Ion: 82 Resp: 128175

Ion Ratio Lower Upper

82 100

128 39.9 32.8 49.2

54 64.1 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: BF138996.D

Acq: 14 Aug 2024 16:10

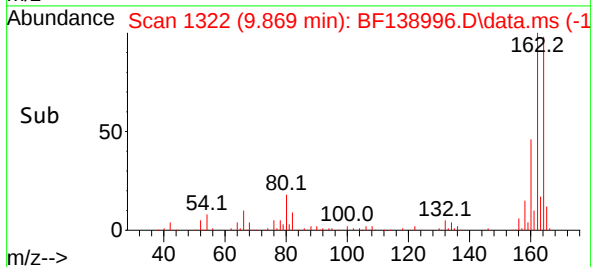
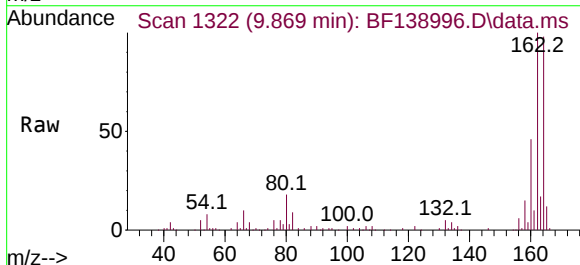
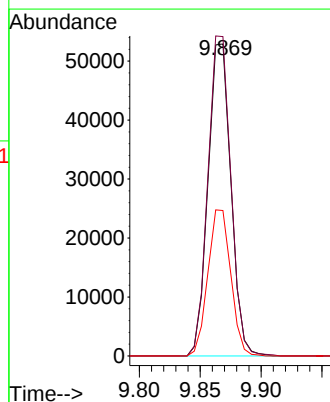
Tgt Ion: 164 Resp: 69312

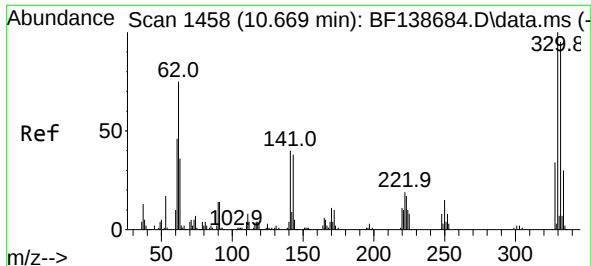
Ion Ratio Lower Upper

164 100

162 102.3 79.4 119.0

160 46.6 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 35.013 ng

RT: 10.657 min Scan# 1458

Delta R.T. -0.012 min

Lab File: BF138996.D

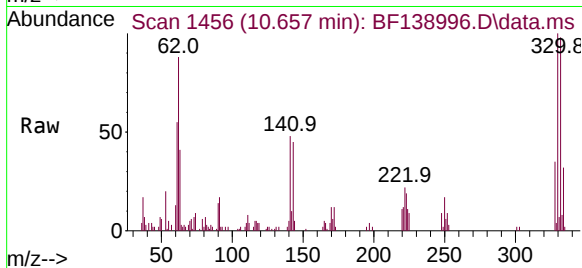
Acq: 14 Aug 2024 16:10

Instrument :

BNA_F

ClientSampleId :

72-12017-72-11934



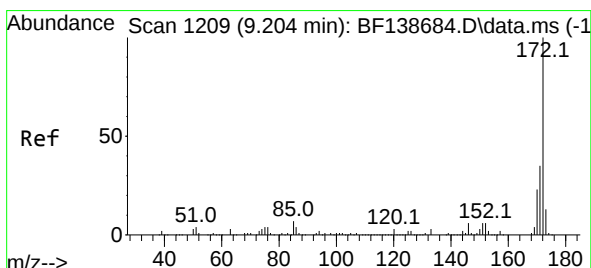
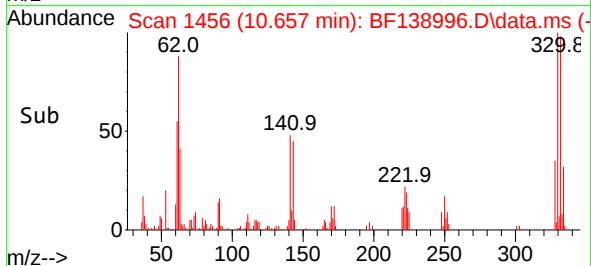
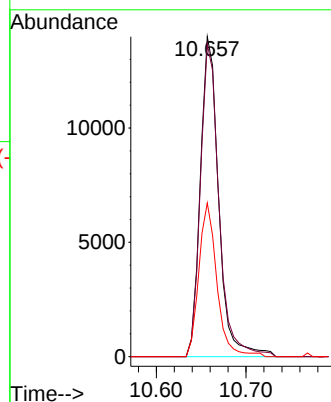
Tgt Ion:330 Resp: 19879

Ion Ratio Lower Upper

330 100

332 98.8 76.4 114.6

141 47.2 31.1 46.7#



#45

2-Fluorobiphenyl

Concen: 49.339 ng

RT: 9.186 min Scan# 1206

Delta R.T. -0.018 min

Lab File: BF138996.D

Acq: 14 Aug 2024 16:10

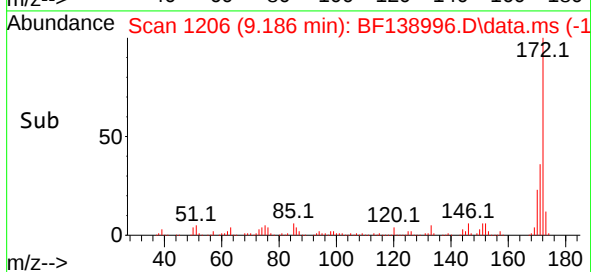
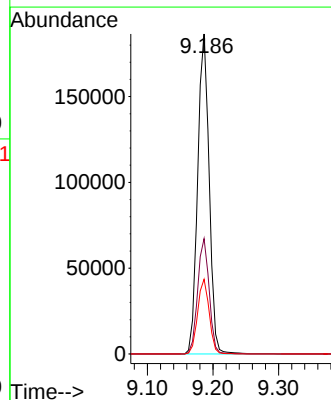
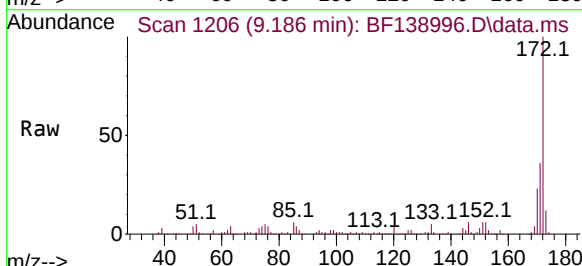
Tgt Ion:172 Resp: 227605

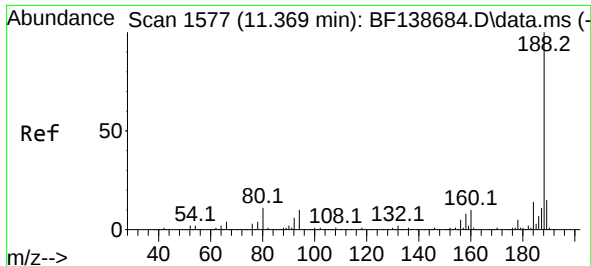
Ion Ratio Lower Upper

172 100

171 36.0 28.3 42.5

170 23.4 18.8 28.2

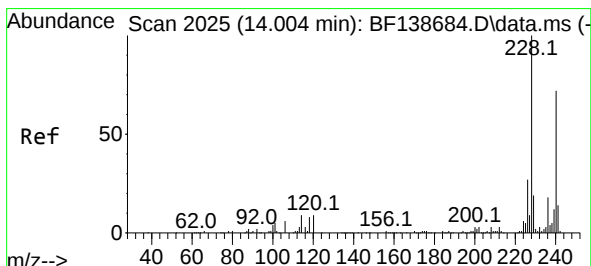
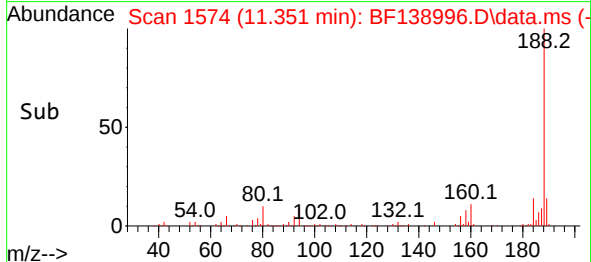
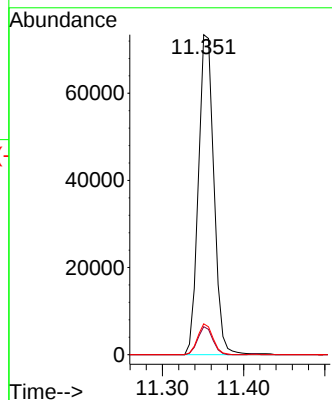
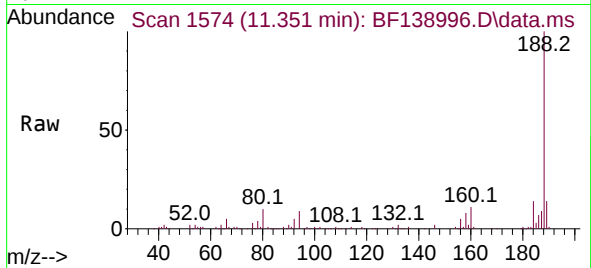




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF138996.D
Acq: 14 Aug 2024 16:10

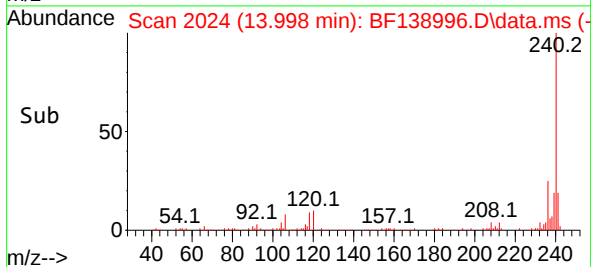
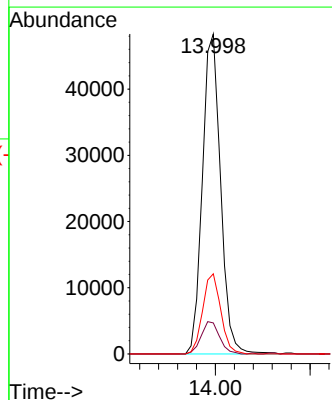
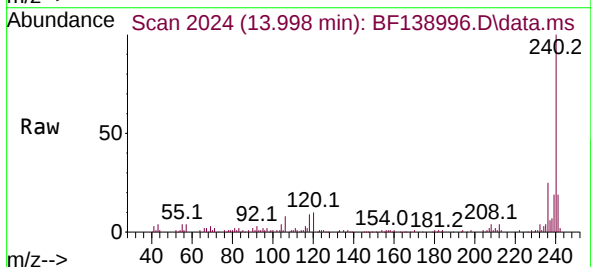
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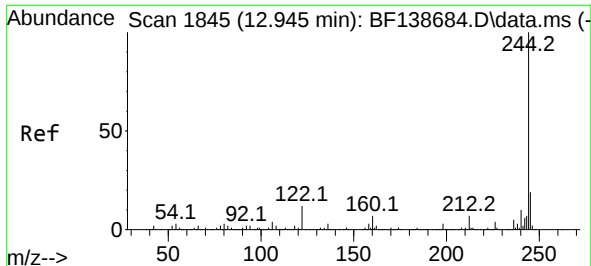
Tgt Ion:188 Resp: 97739
Ion Ratio Lower Upper
188 100
94 8.8 7.6 11.4
80 9.6 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138996.D
Acq: 14 Aug 2024 16:10

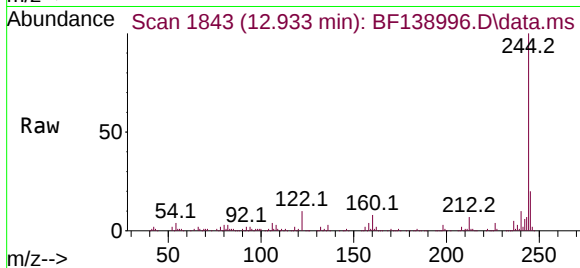
Tgt Ion:240 Resp: 64519
Ion Ratio Lower Upper
240 100
120 9.7 10.2 15.4#
236 25.1 19.8 29.8



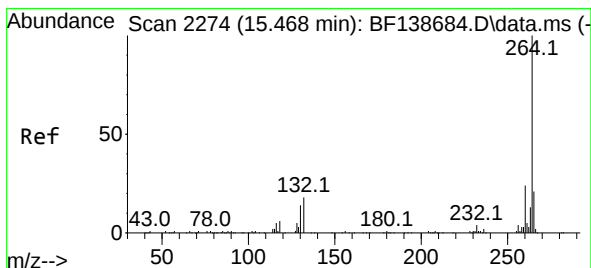
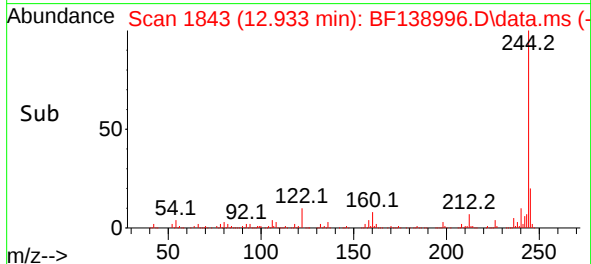
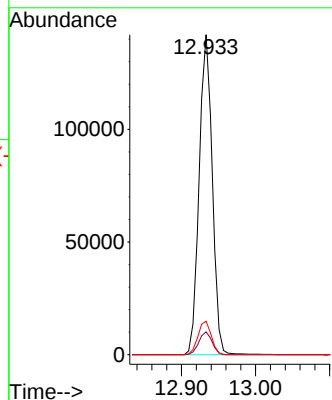


#79
Terphenyl-d14
Concen: 45.241 ng
RT: 12.933 min Scan# 1843
Delta R.T. -0.012 min
Lab File: BF138996.D
Acq: 14 Aug 2024 16:10

Instrument :
BNA_F
ClientSampleId :
72-12017-72-11934



Tgt Ion:244 Resp: 174339
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 10.5 9.6 14.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF138996.D
Acq: 14 Aug 2024 16:10

Tgt Ion:264 Resp: 54739
Ion Ratio Lower Upper
264 100
260 24.7 19.0 28.6
265 21.0 17.0 25.6

