

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080724\
 Data File : BF138835.D
 Acq On : 07 Aug 2024 11:29
 Operator : RC/JU
 Sample : PB162358BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162358BL

Quant Time: Aug 12 16:06:54 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	53450	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	221655	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	127584	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	238412	20.000	ng	0.00
76) Chrysene-d12	13.998	240	143081	20.000	ng	0.00
86) Perylene-d12	15.462	264	95695	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	470663	135.929	ng	0.01
7) Phenol-d6	6.487	99	631124	135.759	ng	0.00
23) Nitrobenzene-d5	7.410	82	402986	88.888	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	158443	151.608	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	761378	89.664	ng	0.00
79) Terphenyl-d14	12.945	244	901082	105.440	ng	0.00

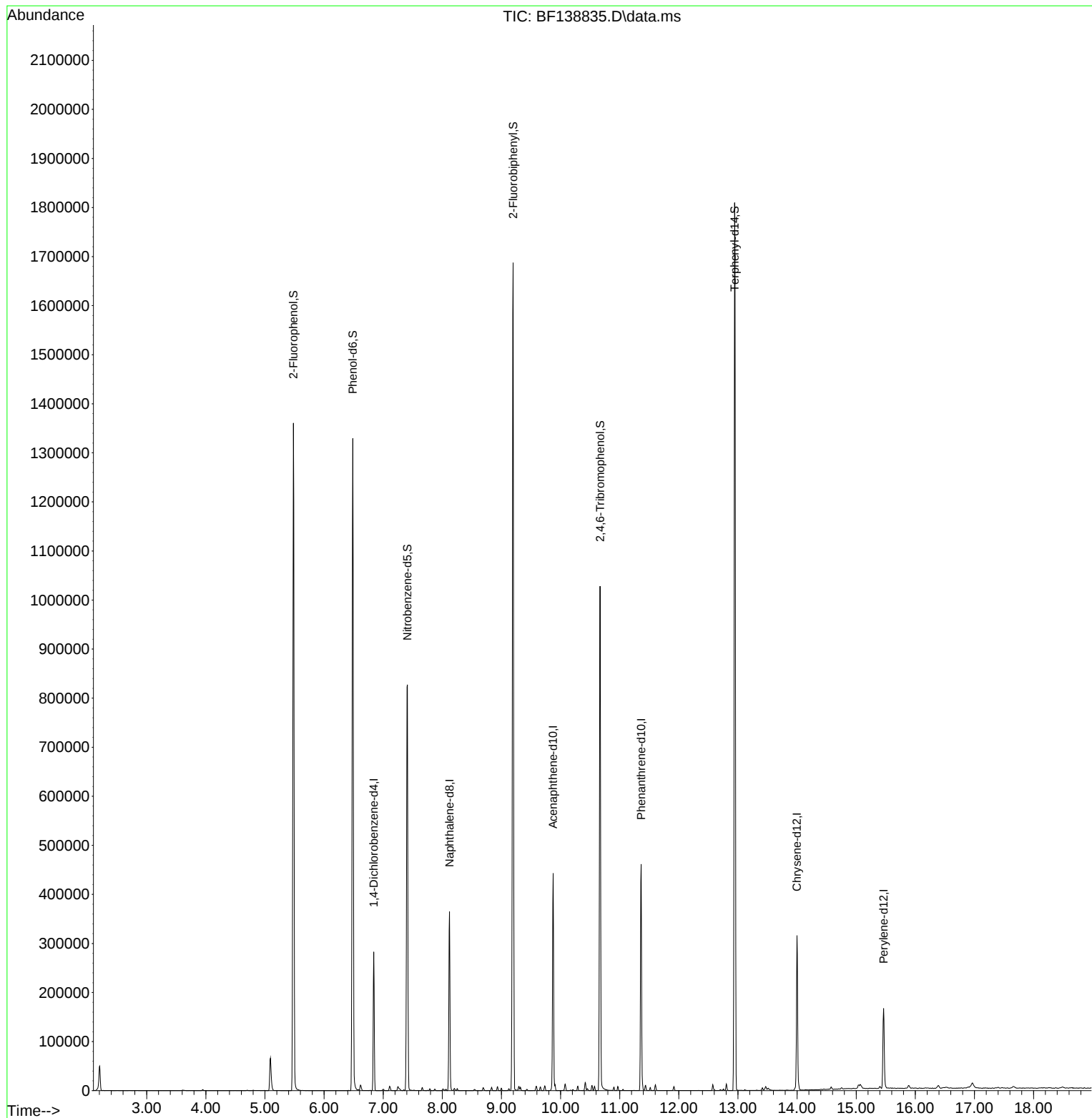
Target Compounds	Qvalue

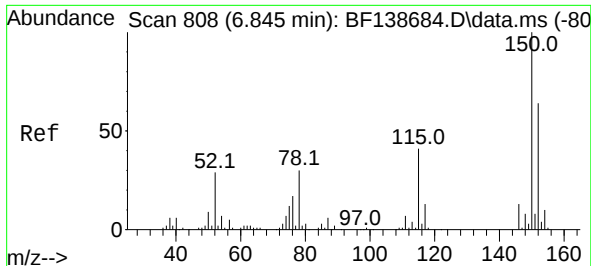
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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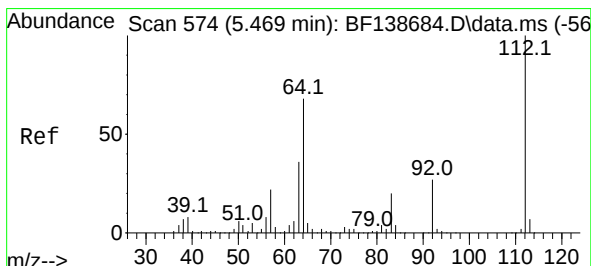
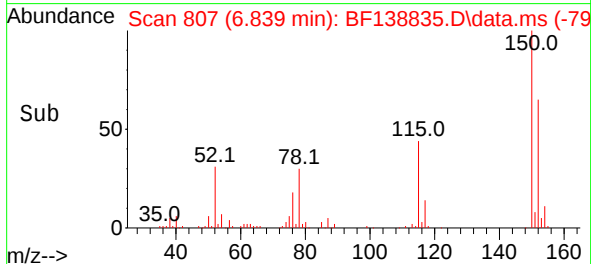
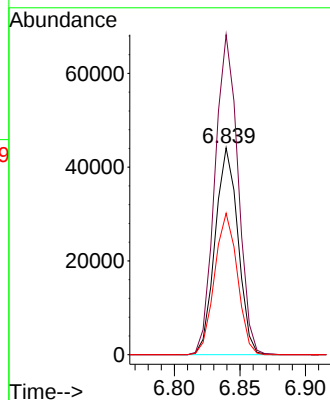
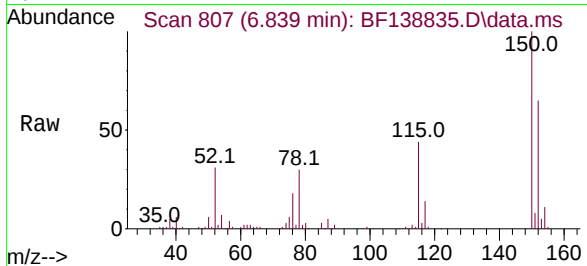




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF138835.D
Acq: 07 Aug 2024 11:29

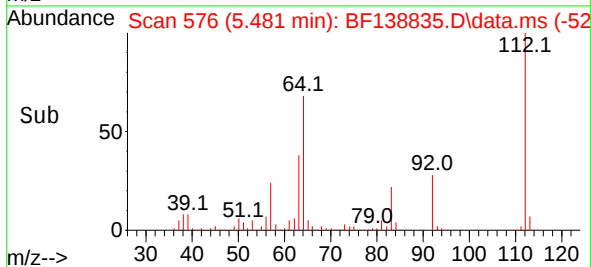
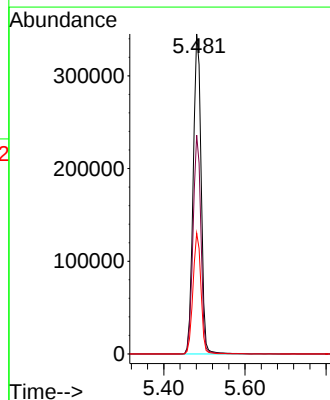
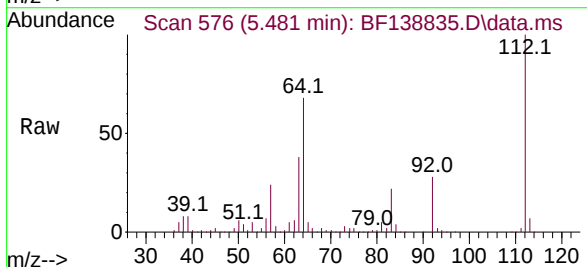
Instrument :
BNA_F
ClientSampleId :
PB162358BL

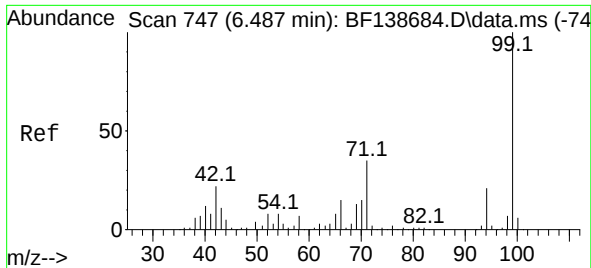
Tgt Ion:152 Resp: 53450
Ion Ratio Lower Upper
152 100
150 154.7 126.0 189.0
115 68.3 51.7 77.5



#5
2-Fluorophenol
Concen: 135.929 ng
RT: 5.481 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF138835.D
Acq: 07 Aug 2024 11:29

Tgt Ion:112 Resp: 470663
Ion Ratio Lower Upper
112 100
64 68.4 54.2 81.4
63 37.7 28.7 43.1

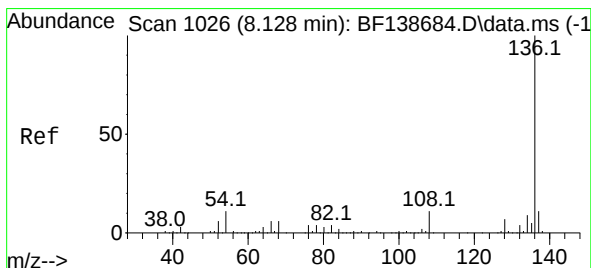
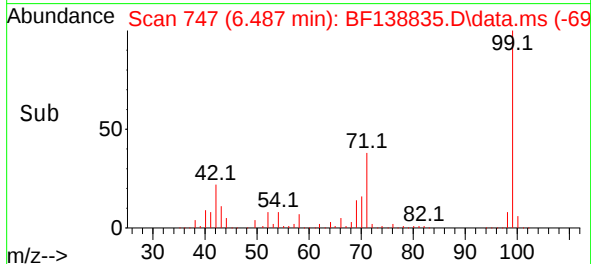
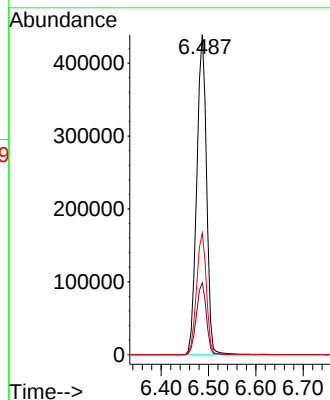
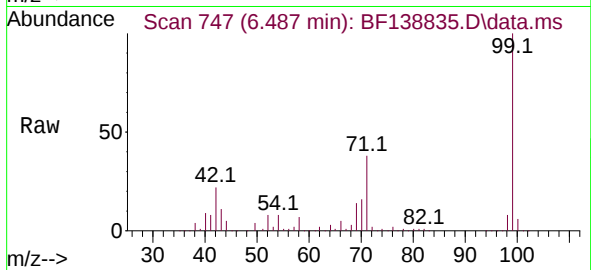




#7
Phenol-d6
Concen: 135.759 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF138835.D
Acq: 07 Aug 2024 11:29

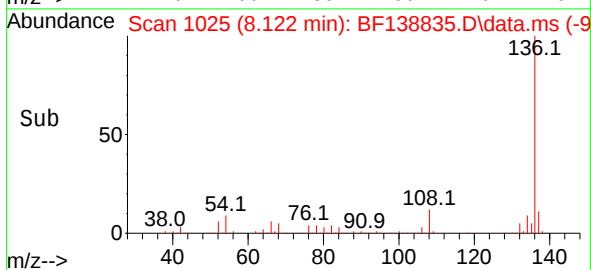
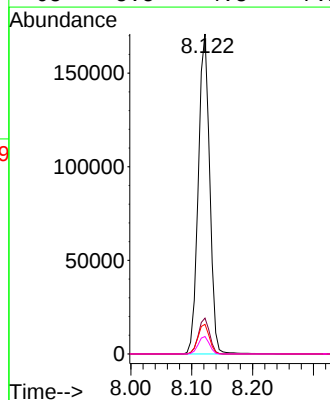
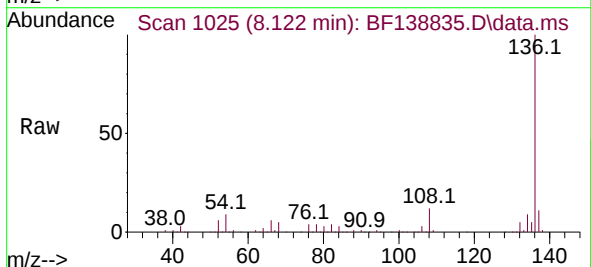
Instrument :
BNA_F
ClientSampleId :
PB162358BL

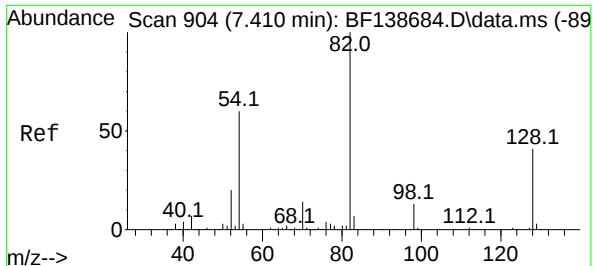
Tgt Ion: 99 Resp: 631124
Ion Ratio Lower Upper
99 100
42 22.5 17.4 26.0
71 38.0 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138835.D
Acq: 07 Aug 2024 11:29

Tgt Ion: 136 Resp: 221655
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 9.3 8.6 12.8
68 5.5 4.8 7.2





#23

Nitrobenzene-d5

Concen: 88.888 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.000 min

Lab File: BF138835.D

Acq: 07 Aug 2024 11:29

Instrument :

BNA_F

ClientSampleId :

PB162358BL

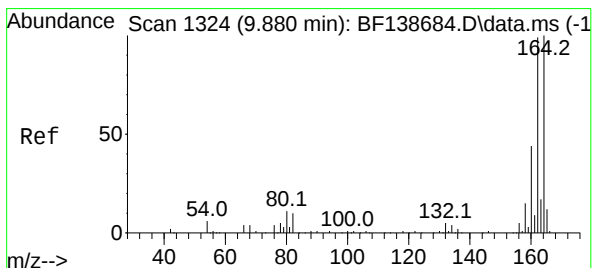
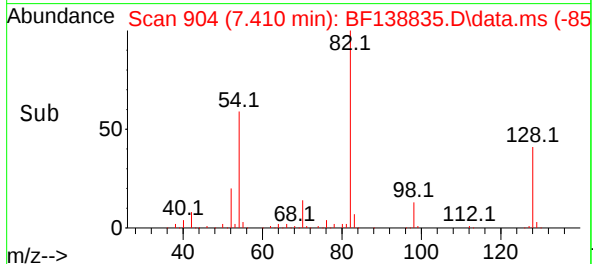
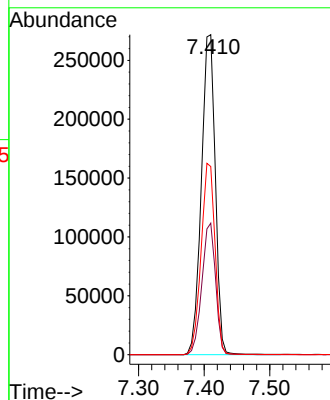
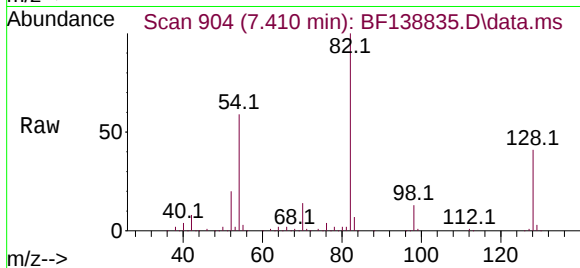
Tgt Ion: 82 Resp: 402986

Ion Ratio Lower Upper

82 100

128 41.1 32.8 49.2

54 58.8 48.3 72.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1323

Delta R.T. -0.005 min

Lab File: BF138835.D

Acq: 07 Aug 2024 11:29

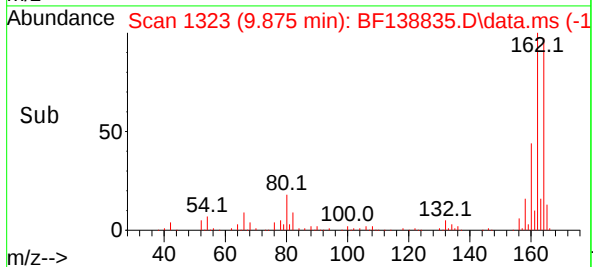
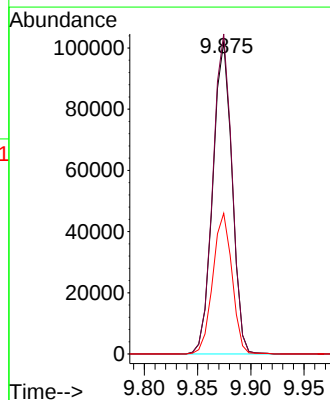
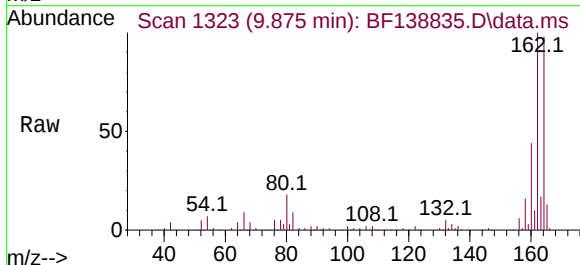
Tgt Ion:164 Resp: 127584

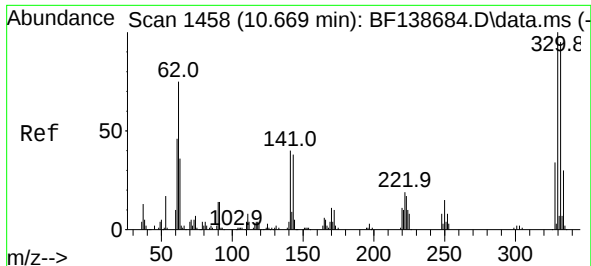
Ion Ratio Lower Upper

164 100

162 102.5 79.4 119.0

160 45.1 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 151.608 ng

RT: 10.669 min Scan# 1458

Delta R.T. -0.000 min

Lab File: BF138835.D

Acq: 07 Aug 2024 11:29

Instrument :

BNA_F

ClientSampleId :

PB162358BL

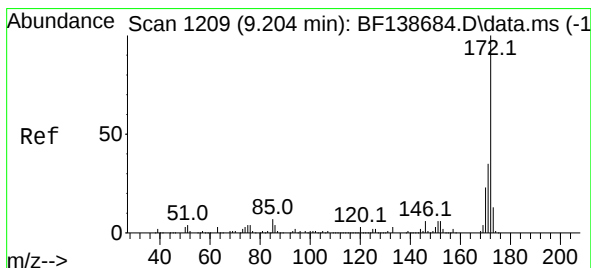
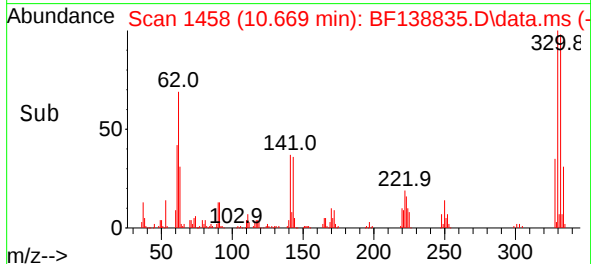
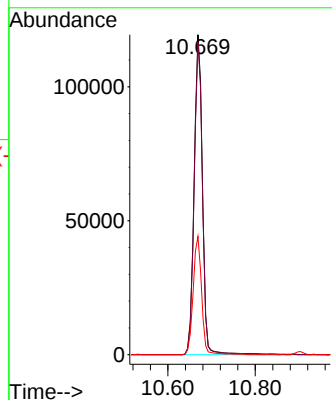
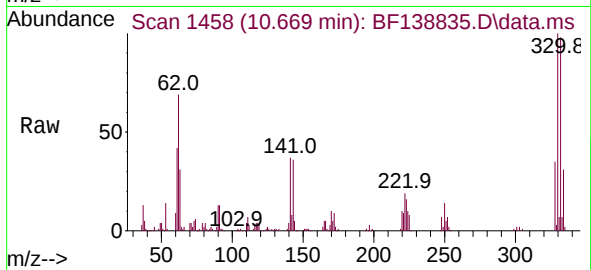
Tgt Ion:330 Resp: 158443

Ion Ratio Lower Upper

330 100

332 97.1 76.4 114.6

141 37.5 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 89.664 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF138835.D

Acq: 07 Aug 2024 11:29

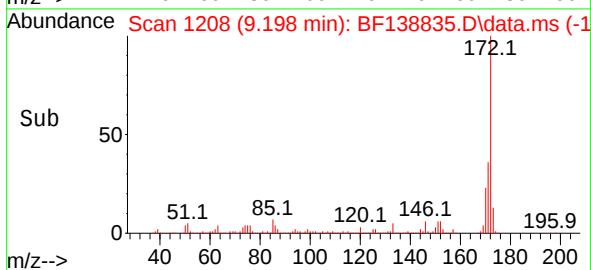
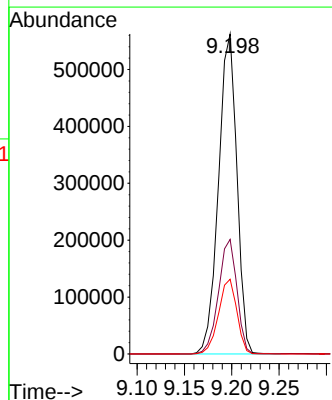
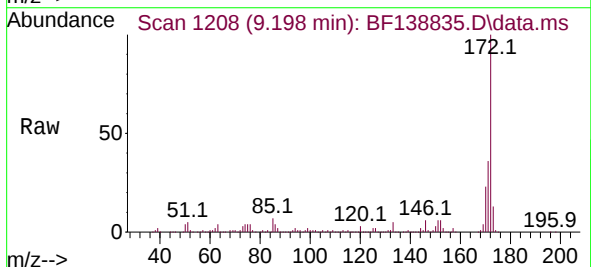
Tgt Ion:172 Resp: 761378

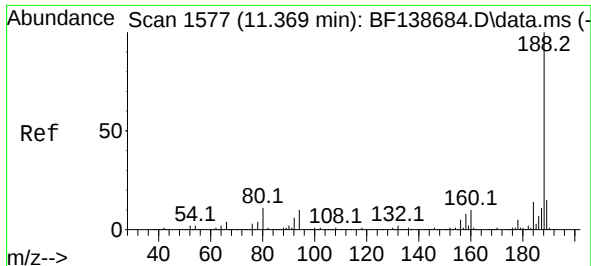
Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

170 23.4 18.8 28.2

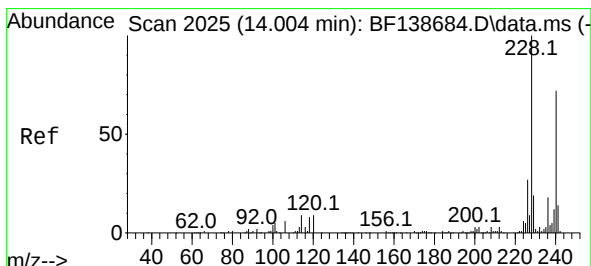
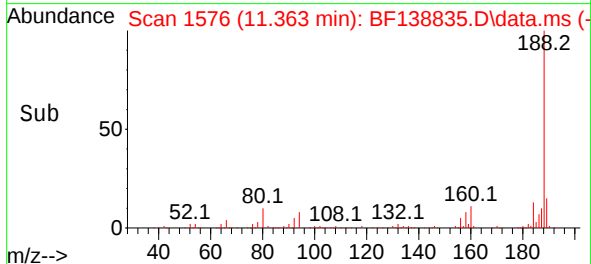
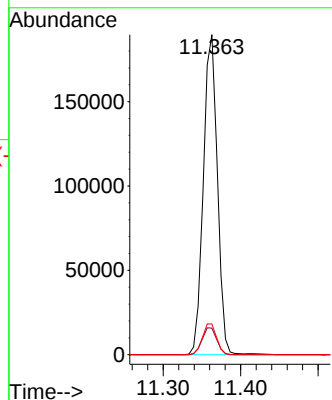
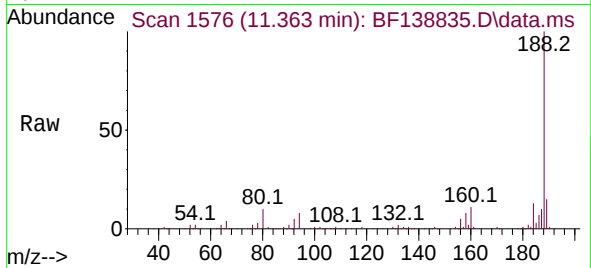




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138835.D
Acq: 07 Aug 2024 11:29

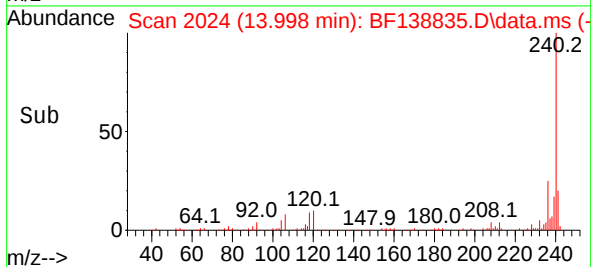
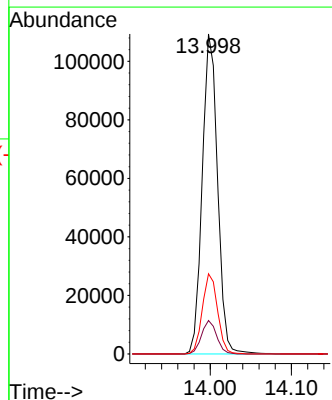
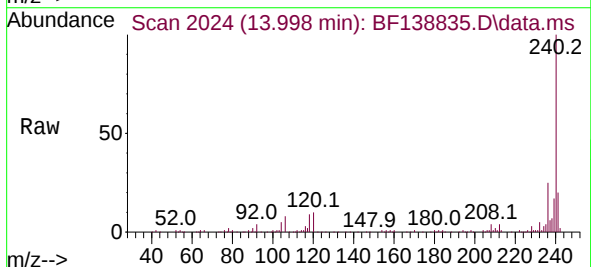
Instrument :
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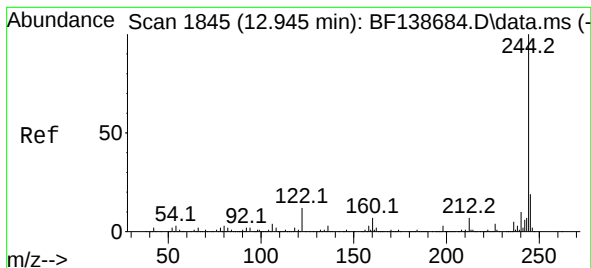
Tgt Ion:188 Resp: 238412
Ion Ratio Lower Upper
188 100
94 8.3 7.6 11.4
80 9.6 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138835.D
Acq: 07 Aug 2024 11:29

Tgt Ion:240 Resp: 143081
Ion Ratio Lower Upper
240 100
120 10.5 10.2 15.4
236 25.0 19.8 29.8





#79

Terphenyl-d14

Concen: 105.440 ng

RT: 12.945 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF138835.D

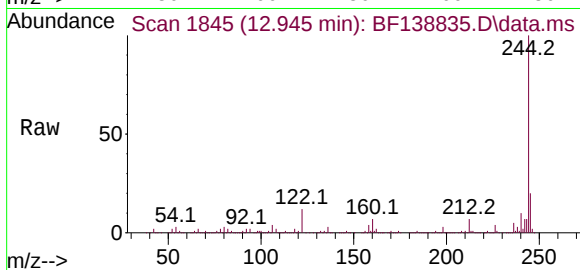
Acq: 07 Aug 2024 11:29

Instrument :

BNA_F

ClientSampleId :

PB162358BL



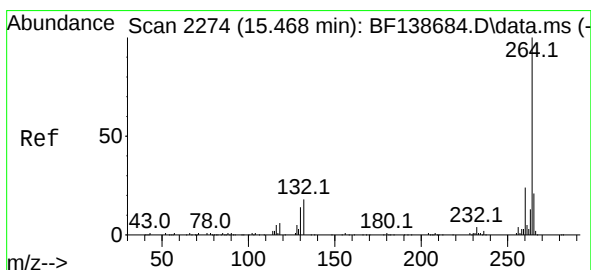
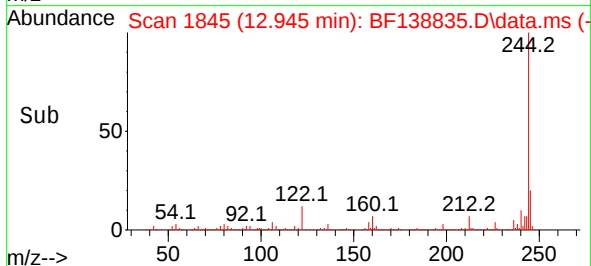
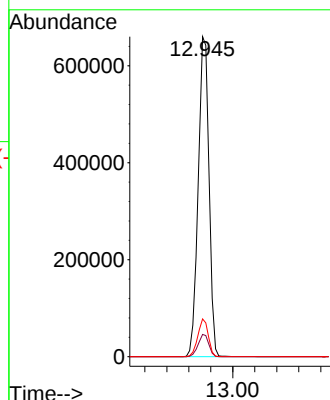
Tgt Ion:244 Resp: 901082

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 11.8 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: BF138835.D

Acq: 07 Aug 2024 11:29

Tgt Ion:264 Resp: 95695

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.6

265 21.5 17.0 25.6

