

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
Data File : BF139653.D
Acq On : 04 Oct 2024 13:11
Operator : RC/JU
Sample : PB163834BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB163834BL

Quant Time: Oct 04 13:34:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	90160	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	339462	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	186833	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	350629	20.000	ng	0.00
76) Chrysene-d12	14.022	240	196285	20.000	ng	-0.01
86) Perylene-d12	15.492	264	203754	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	687122	132.093	ng	0.00
7) Phenol-d6	6.499	99	889135	127.104	ng	0.00
23) Nitrobenzene-d5	7.428	82	585816	87.374	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	222713	123.485	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1073873	88.239	ng	0.00
79) Terphenyl-d14	12.975	244	1147397	95.916	ng	0.00

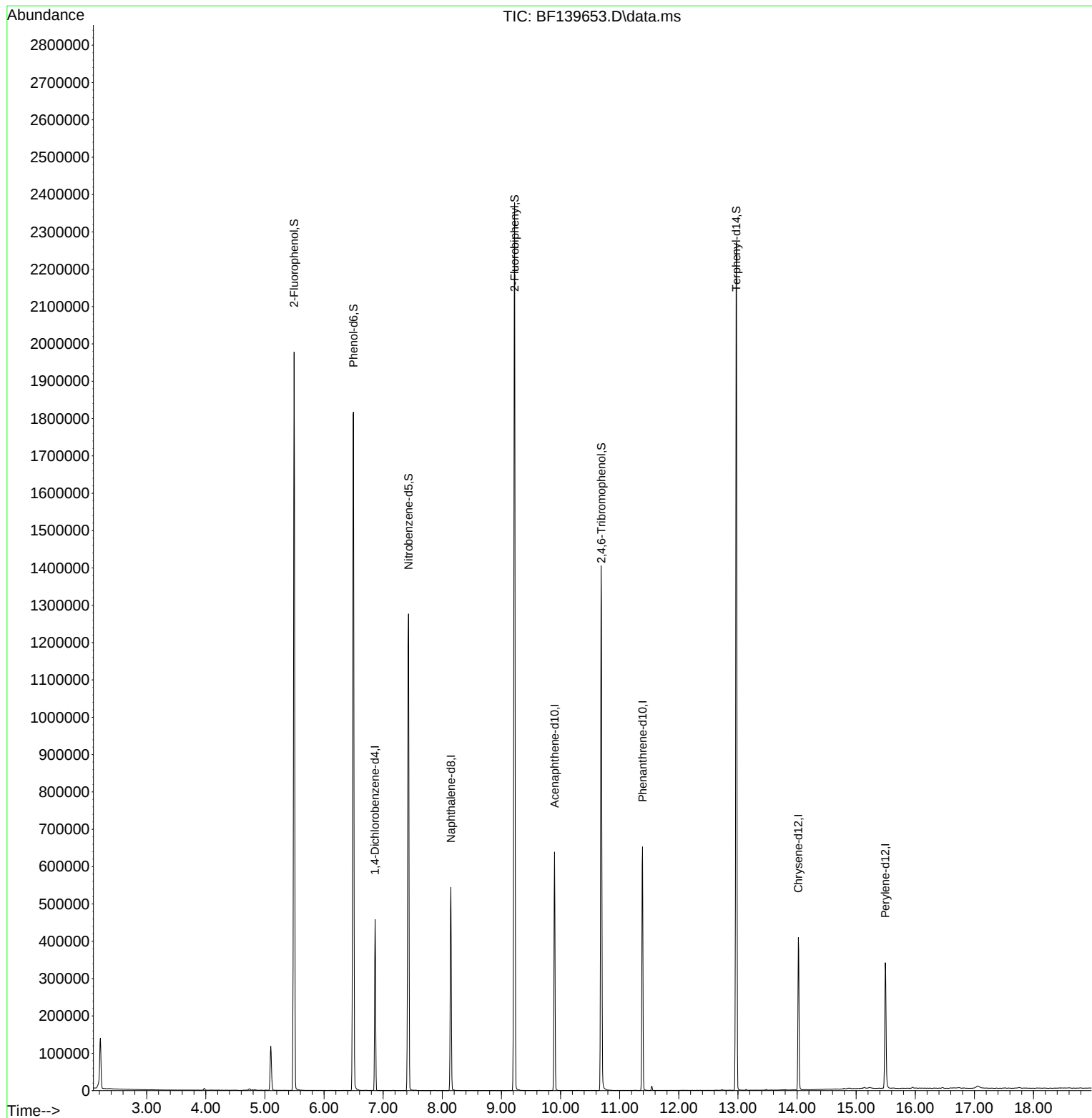
Target Compounds	Qvalue

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

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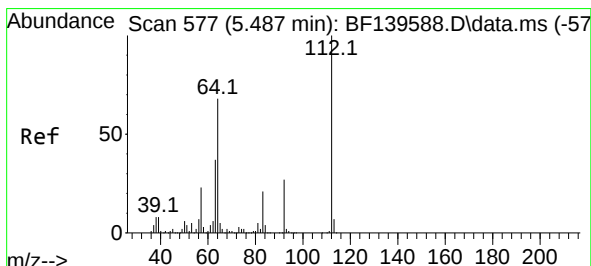
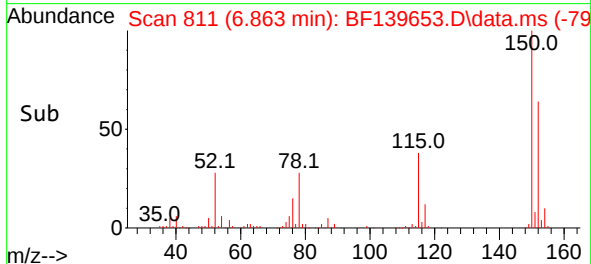
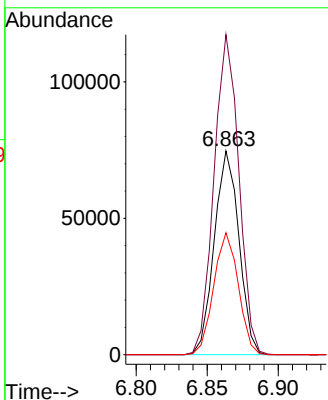
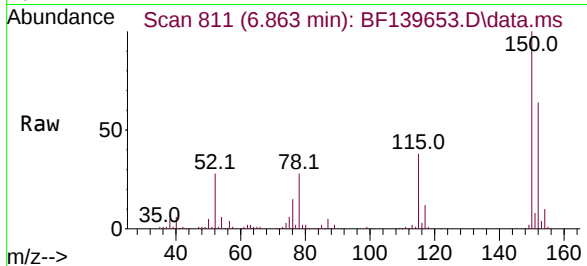




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139653.D
Acq: 04 Oct 2024 13:11

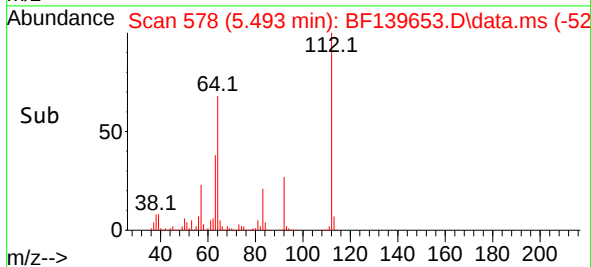
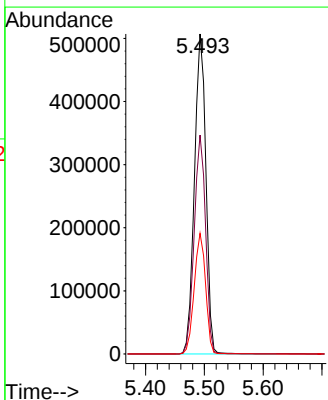
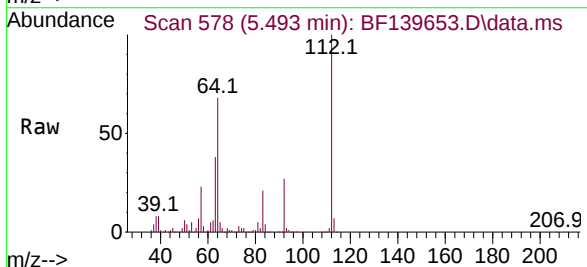
Instrument :
BNA_F
ClientSampleId :
PB163834BL

Tgt Ion:152 Resp: 90160
Ion Ratio Lower Upper
152 100
150 157.1 127.2 190.8
115 59.8 49.0 73.4



#5
2-Fluorophenol
Concen: 132.093 ng
RT: 5.493 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF139653.D
Acq: 04 Oct 2024 13:11

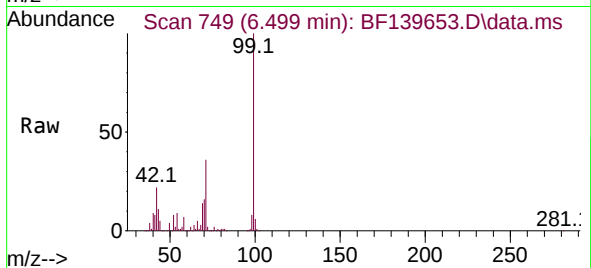
Tgt Ion:112 Resp: 687122
Ion Ratio Lower Upper
112 100
64 68.4 54.2 81.4
63 37.7 29.4 44.2



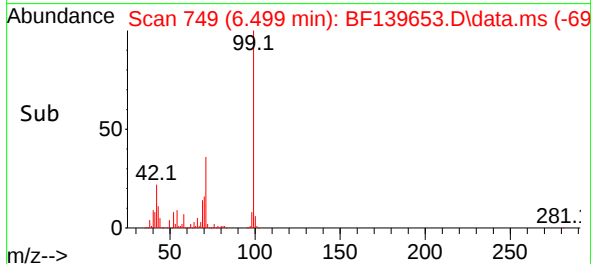
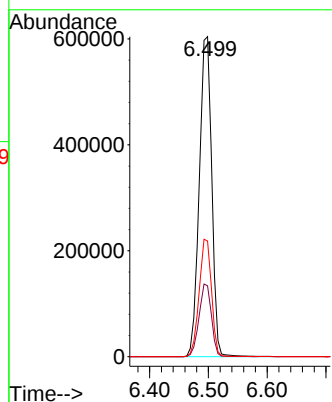


#7
Phenol-d6
Concen: 127.104 ng
RT: 6.499 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139653.D
Acq: 04 Oct 2024 13:11

Instrument :
BNA_F
ClientSampleId :
PB163834BL

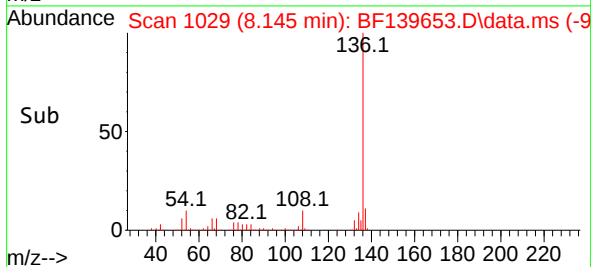
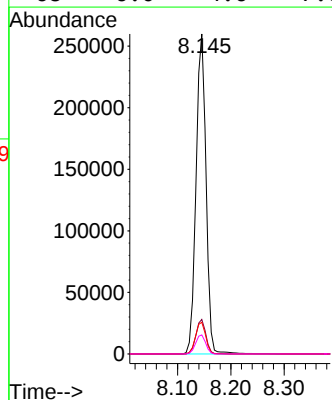
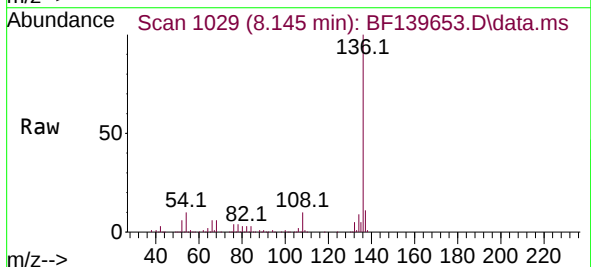


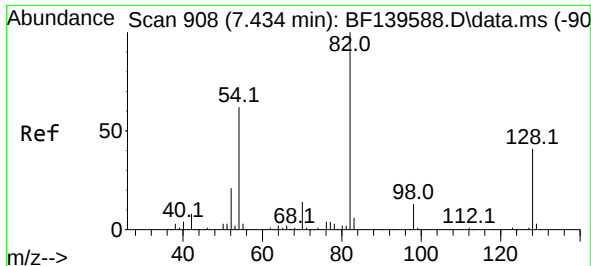
Tgt Ion: 99 Resp: 889135
Ion Ratio Lower Upper
99 100
42 22.1 19.1 28.7
71 36.2 29.7 44.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF139653.D
Acq: 04 Oct 2024 13:11

Tgt Ion: 136 Resp: 339462
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.9 8.3 12.5
68 6.0 4.6 7.0





#23

Nitrobenzene-d5

Concen: 87.374 ng

RT: 7.428 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF139653.D

Acq: 04 Oct 2024 13:11

Instrument :

BNA_F

ClientSampleId :

PB163834BL

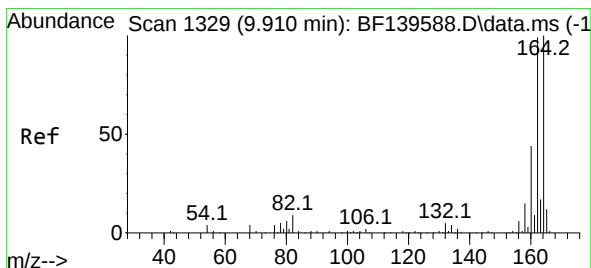
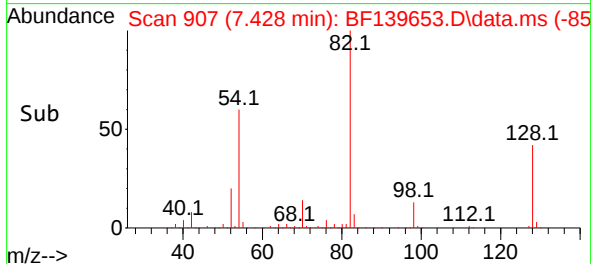
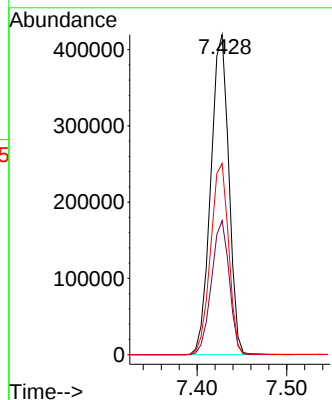
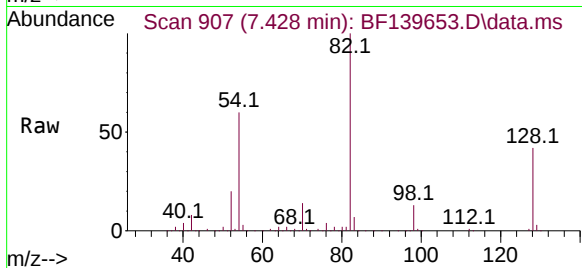
Tgt Ion: 82 Resp: 585816

Ion Ratio Lower Upper

82 100

128 41.9 32.4 48.6

54 59.7 49.1 73.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.012 min

Lab File: BF139653.D

Acq: 04 Oct 2024 13:11

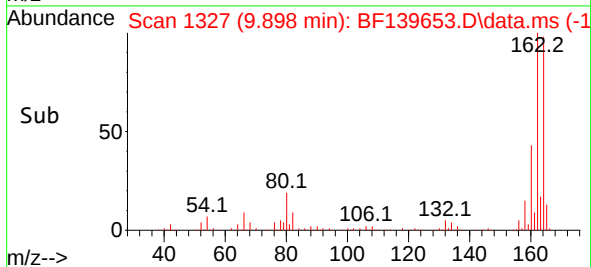
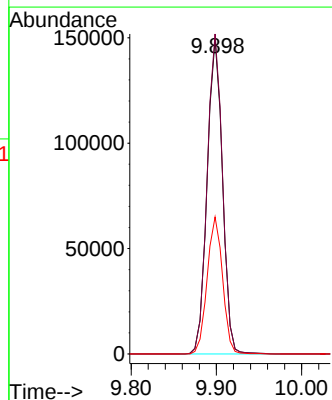
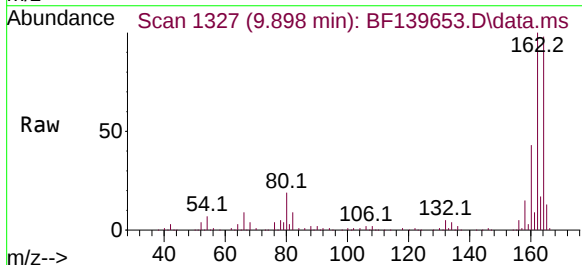
Tgt Ion:164 Resp: 186833

Ion Ratio Lower Upper

164 100

162 101.7 79.4 119.0

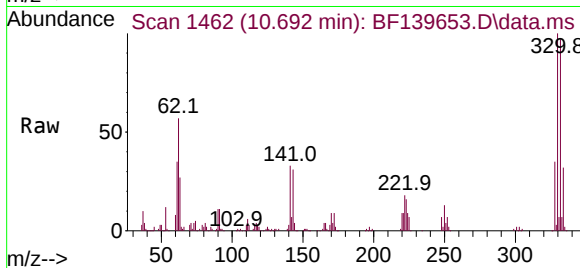
160 43.5 35.1 52.7



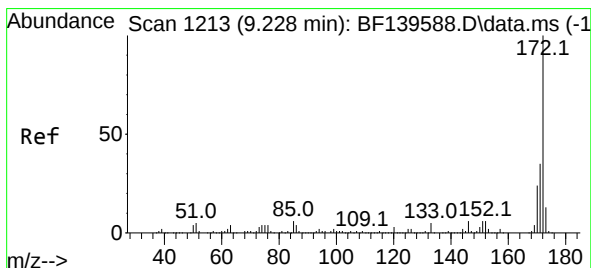
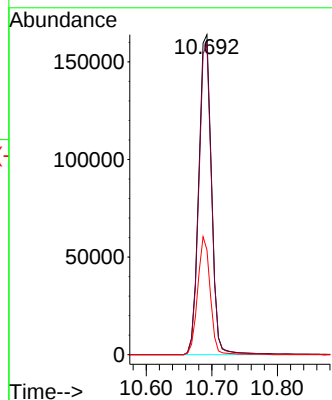
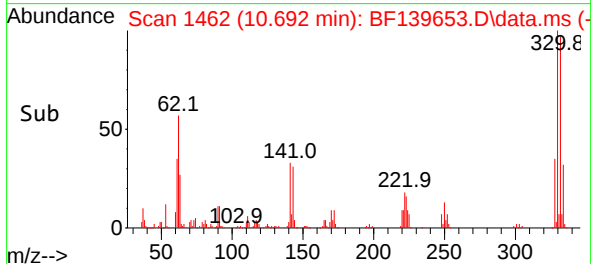


#42
2,4,6-Tribromophenol
Concen: 123.485 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139653.D
Acq: 04 Oct 2024 13:11

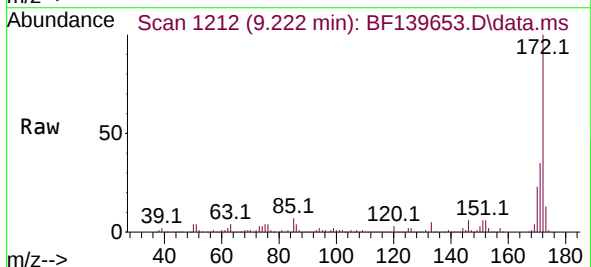
Instrument :
BNA_F
ClientSampleId :
PB163834BL



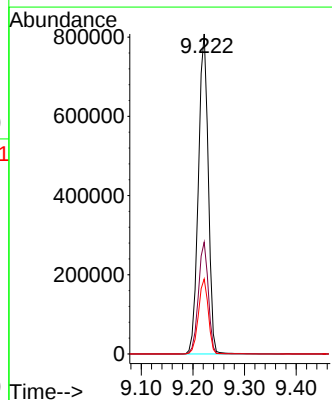
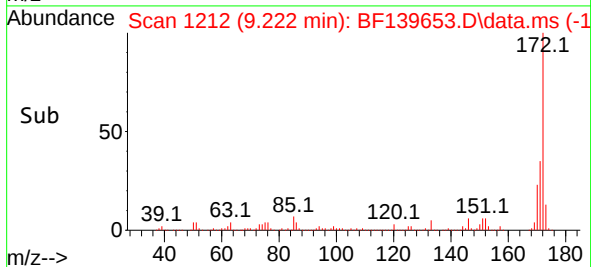
Tgt Ion:330 Resp: 222713
Ion Ratio Lower Upper
330 100
332 97.0 76.5 114.7
141 36.1 29.3 43.9

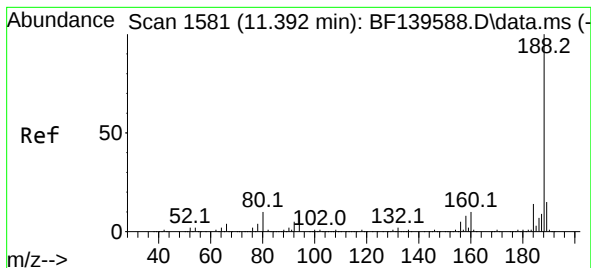


#45
2-Fluorobiphenyl
Concen: 88.239 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139653.D
Acq: 04 Oct 2024 13:11



Tgt Ion:172 Resp: 1073873
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.4
170 23.5 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139653.D

Acq: 04 Oct 2024 13:11

Instrument :

BNA_F

ClientSampleId :

PB163834BL

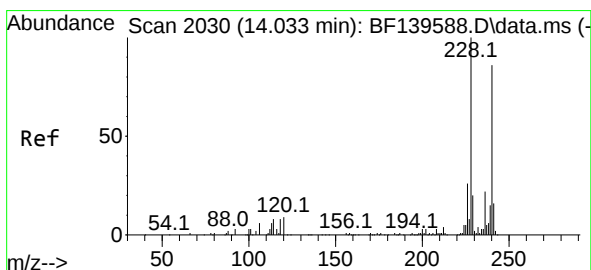
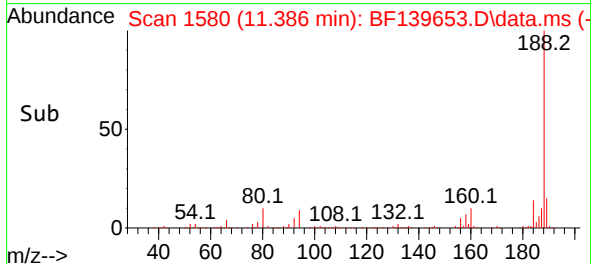
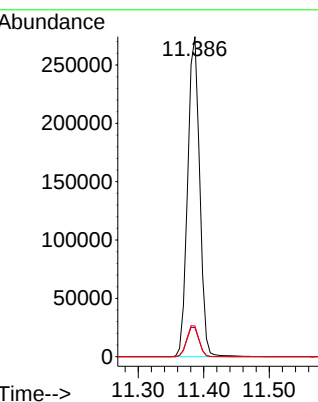
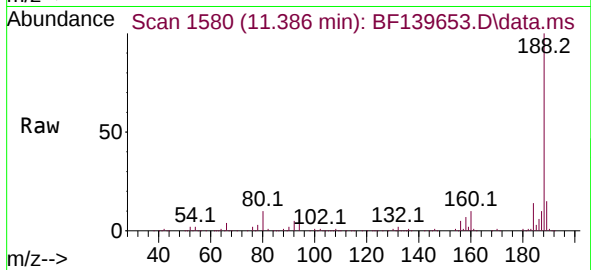
Tgt Ion:188 Resp: 350629

Ion Ratio Lower Upper

188 100

94 9.1 7.4 11.2

80 9.6 8.2 12.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.022 min Scan# 2028

Delta R.T. -0.011 min

Lab File: BF139653.D

Acq: 04 Oct 2024 13:11

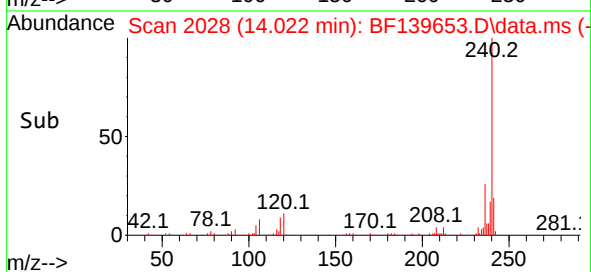
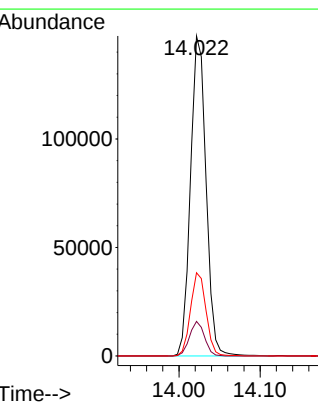
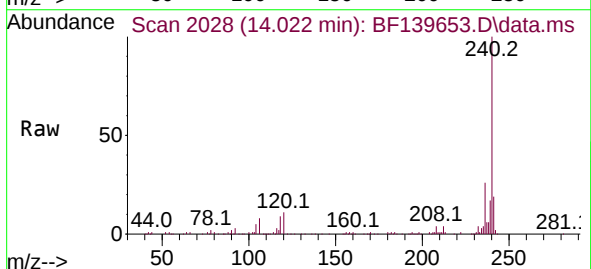
Tgt Ion:240 Resp: 196285

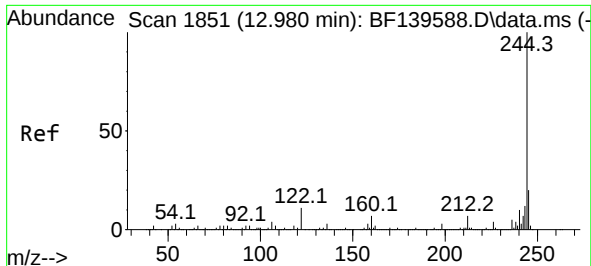
Ion Ratio Lower Upper

240 100

120 10.8 8.4 12.6

236 26.0 20.3 30.5

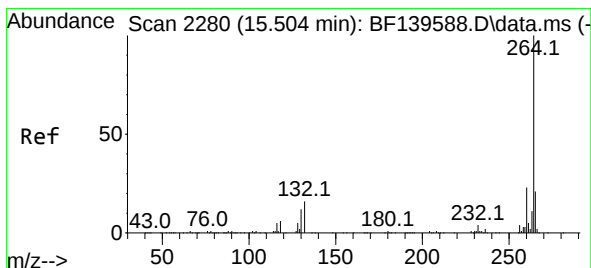
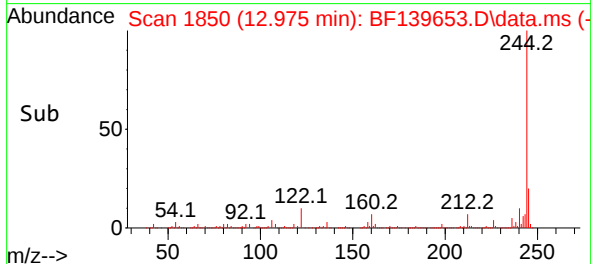
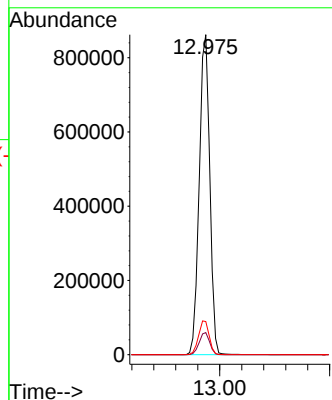
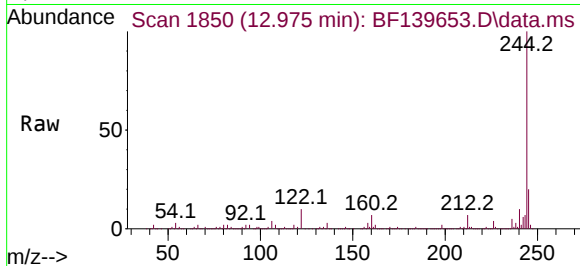




#79
 Terphenyl-d14
 Concen: 95.916 ng
 RT: 12.975 min Scan# 1851
 Delta R.T. -0.005 min
 Lab File: BF139653.D
 Acq: 04 Oct 2024 13:11

Instrument :
 BNA_F
 ClientSampleId :
 PB163834BL

Tgt Ion:244 Resp: 1147397
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 10.3 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2278
 Delta R.T. -0.012 min
 Lab File: BF139653.D
 Acq: 04 Oct 2024 13:11

Tgt Ion:264 Resp: 203754
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.7 28.1
 265 21.4 16.9 25.3

