

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
 Data File : BF139659.D
 Acq On : 04 Oct 2024 16:00
 Operator : RC/JU
 Sample : P4236-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1

Quant Time: Oct 04 16:27:37 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	78394	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	296763	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	164555	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	302122	20.000	ng	0.00
76) Chrysene-d12	14.021	240	164050	20.000	ng	-0.01
86) Perylene-d12	15.492	264	148911	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	723511	159.964	ng	0.01
7) Phenol-d6	6.498	99	904958	148.783	ng	0.00
23) Nitrobenzene-d5	7.428	82	633882	108.146	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	249653	157.162	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1133866	105.782	ng	0.00
79) Terphenyl-d14	12.974	244	1146493	114.672	ng	0.00

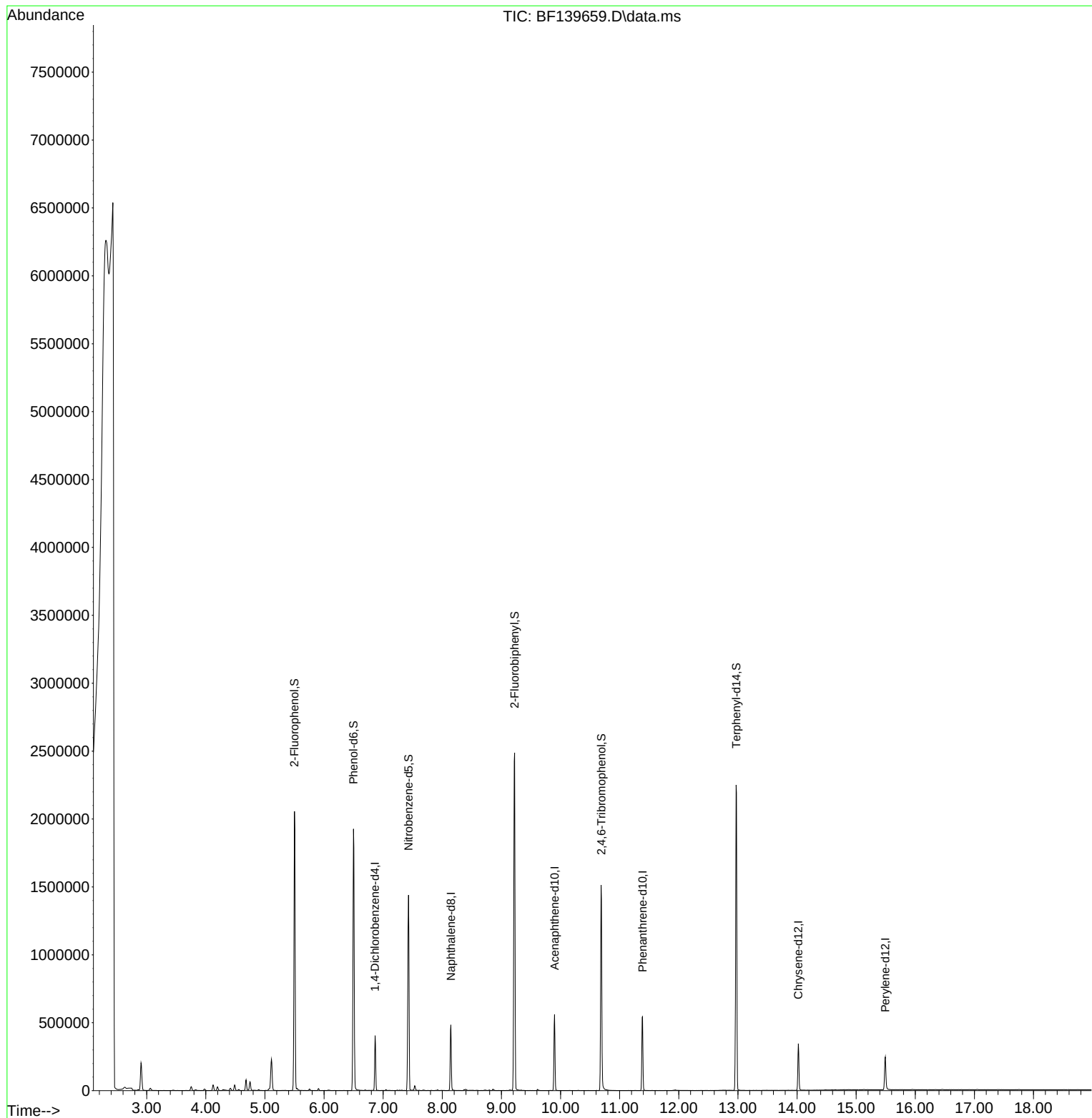
Target Compounds	Qvalue

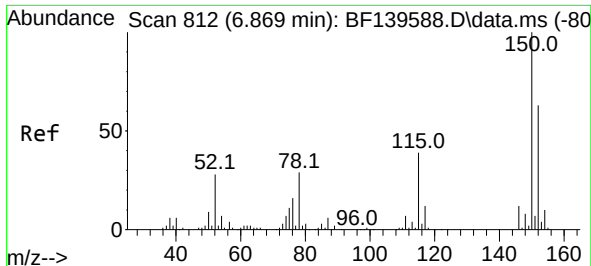
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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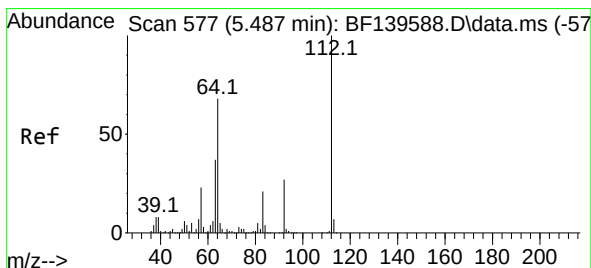
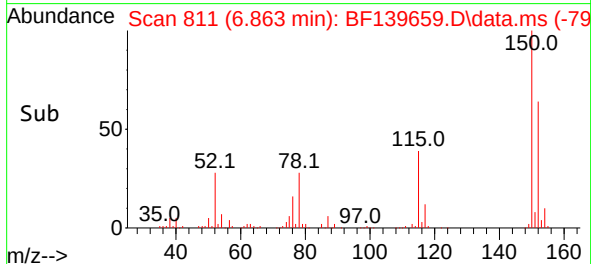
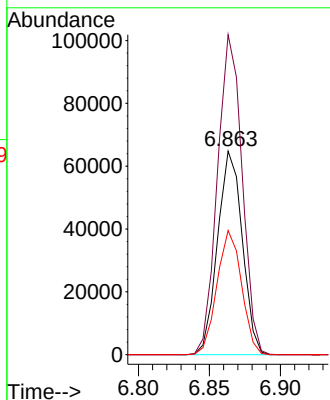
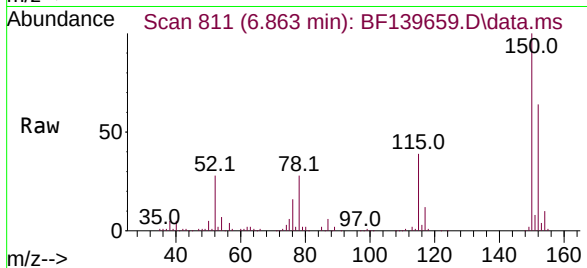




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139659.D
Acq: 04 Oct 2024 16:00

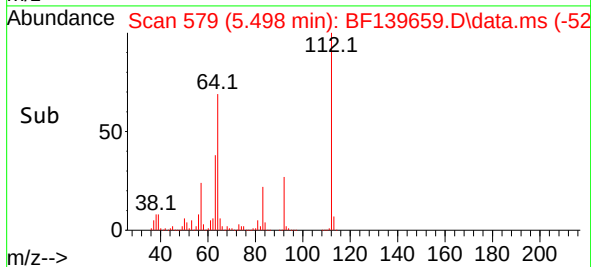
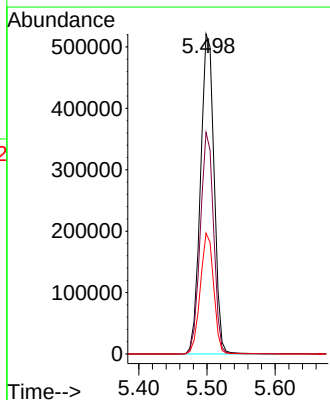
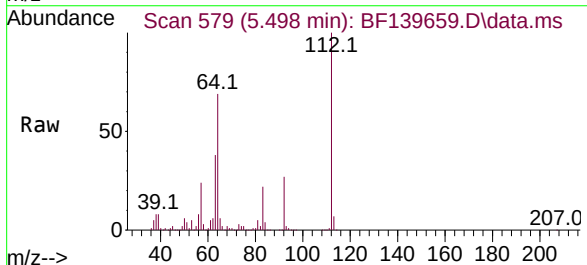
Instrument :
BNA_F
ClientSampleId :
TP1

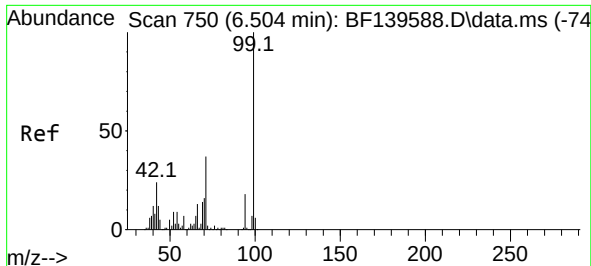
Tgt Ion:152 Resp: 78394
Ion Ratio Lower Upper
152 100
150 157.3 127.2 190.8
115 61.0 49.0 73.4



#5
2-Fluorophenol
Concen: 159.964 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.011 min
Lab File: BF139659.D
Acq: 04 Oct 2024 16:00

Tgt Ion:112 Resp: 723511
Ion Ratio Lower Upper
112 100
64 69.2 54.2 81.4
63 37.7 29.4 44.2

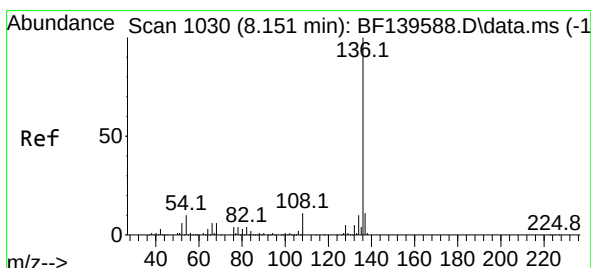
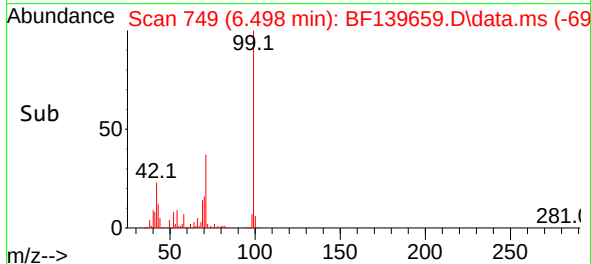
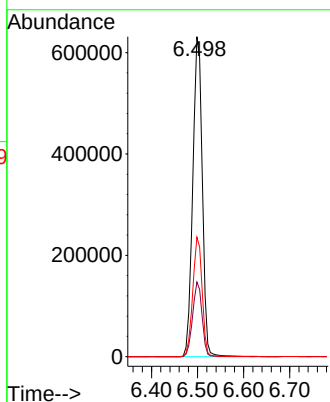
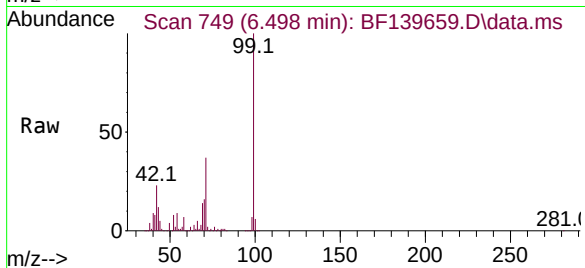




#7
Phenol-d6
Concen: 148.783 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139659.D
Acq: 04 Oct 2024 16:00

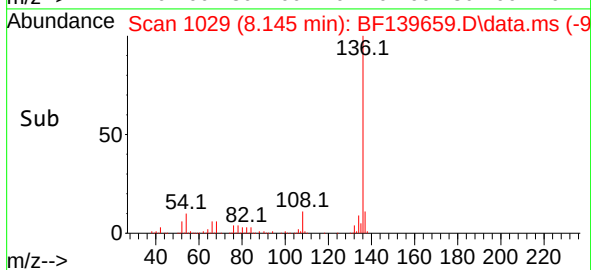
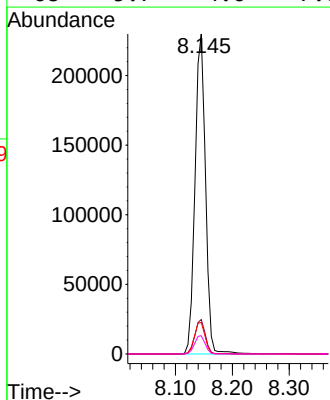
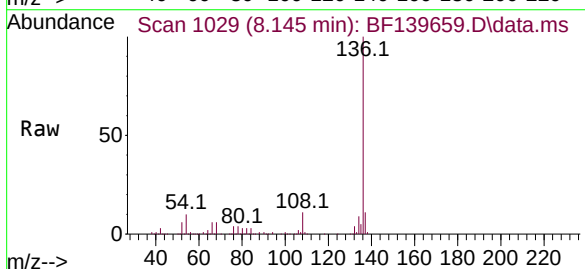
Instrument :
BNA_F
ClientSampleId :
TP1

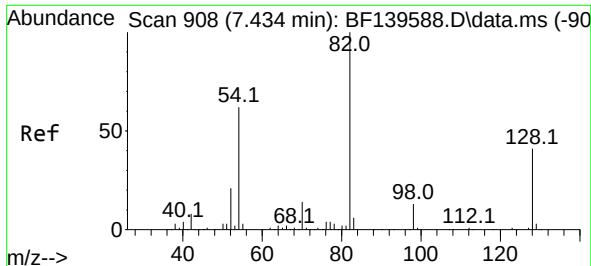
Tgt Ion: 99 Resp: 904958
Ion Ratio Lower Upper
99 100
42 23.3 19.1 28.7
71 37.3 29.7 44.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF139659.D
Acq: 04 Oct 2024 16:00

Tgt Ion: 136 Resp: 296763
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.8 8.3 12.5
68 5.7 4.6 7.0





#23

Nitrobenzene-d5

Concen: 108.146 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF139659.D

Acq: 04 Oct 2024 16:00

Instrument :

BNA_F

ClientSampleId :

TP1

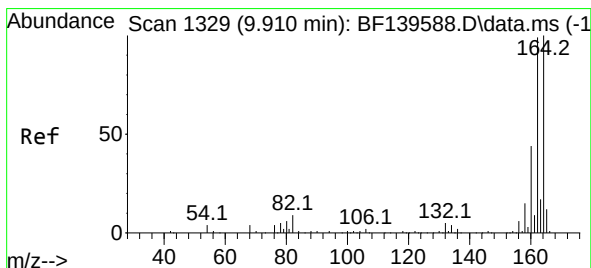
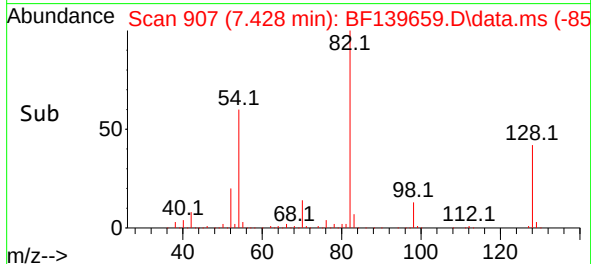
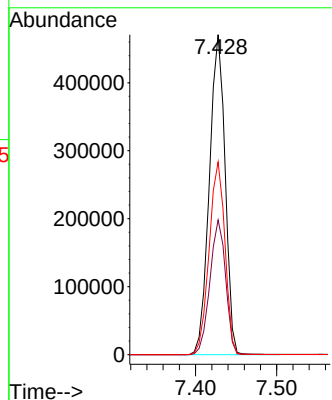
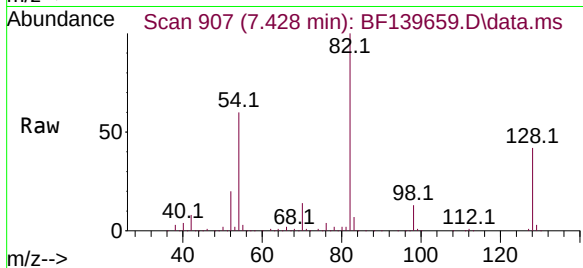
Tgt Ion: 82 Resp: 633882

Ion Ratio Lower Upper

82 100

128 42.1 32.4 48.6

54 60.3 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: BF139659.D

Acq: 04 Oct 2024 16:00

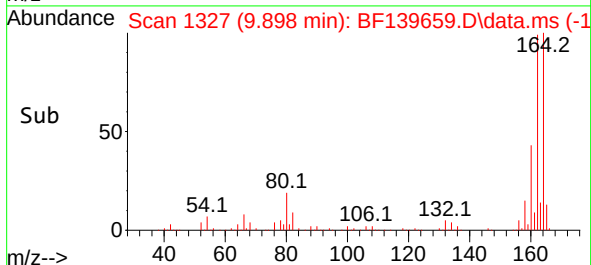
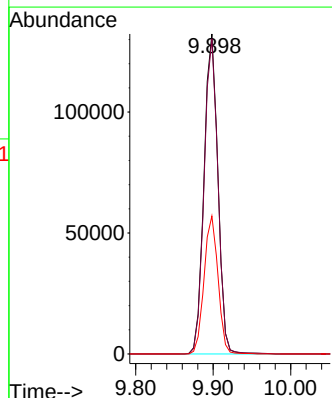
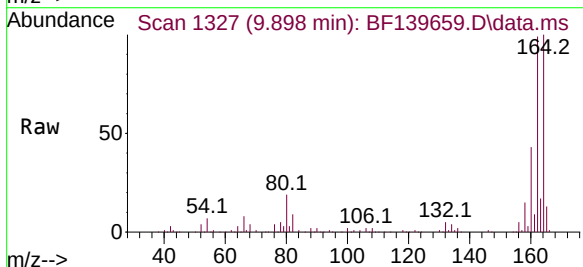
Tgt Ion:164 Resp: 164555

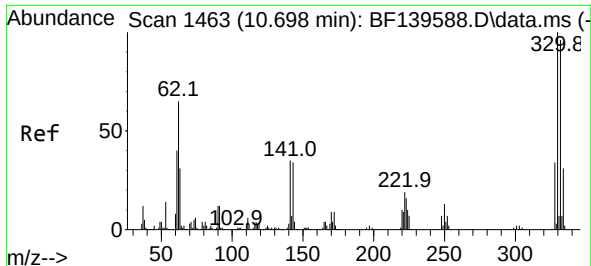
Ion Ratio Lower Upper

164 100

162 98.5 79.4 119.0

160 43.1 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 157.162 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF139659.D

Acq: 04 Oct 2024 16:00

Instrument :

BNA_F

ClientSampleId :

TP1

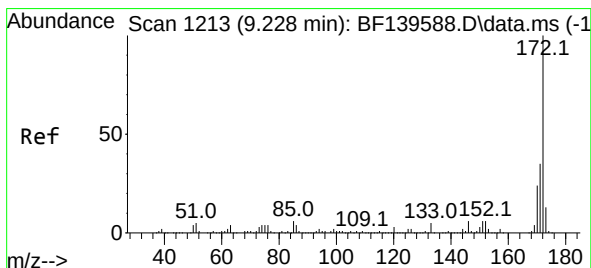
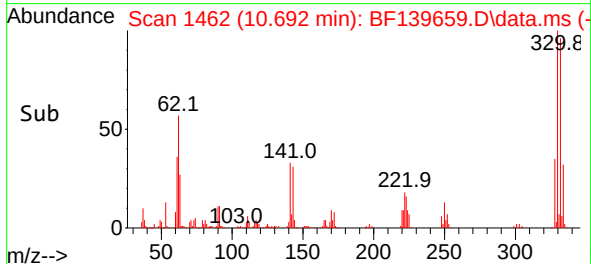
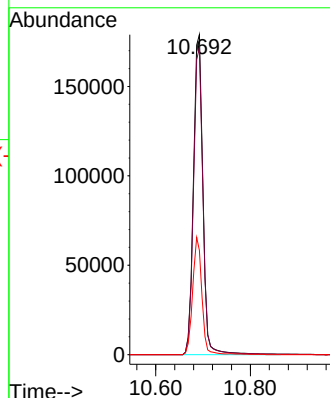
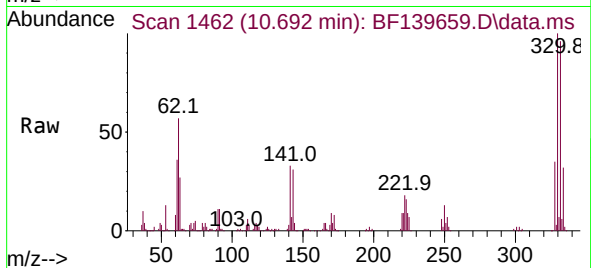
Tgt Ion:330 Resp: 249653

Ion Ratio Lower Upper

330 100

332 95.0 76.5 114.7

141 35.2 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 105.782 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF139659.D

Acq: 04 Oct 2024 16:00

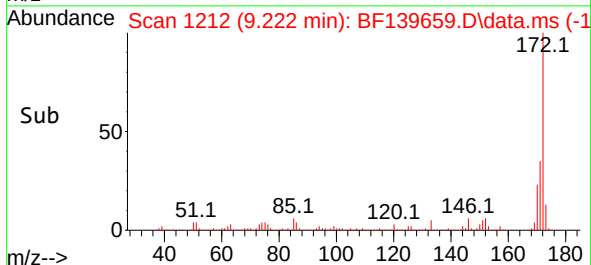
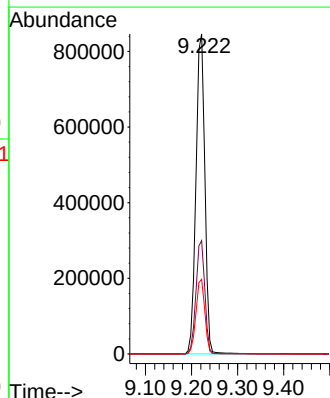
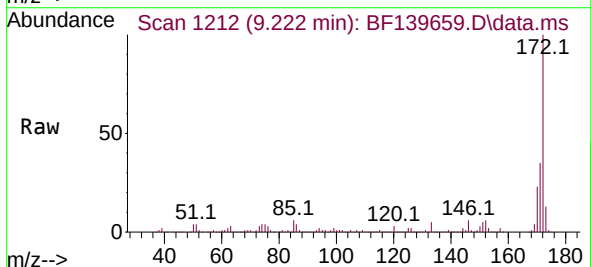
Tgt Ion:172 Resp: 1133866

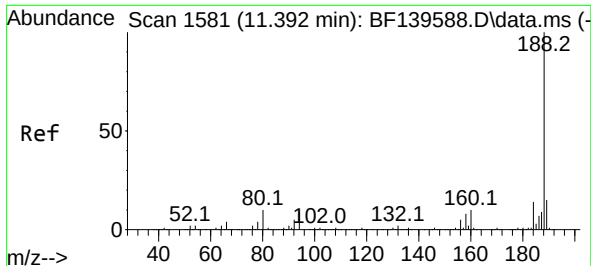
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.4

170 23.4 18.8 28.2

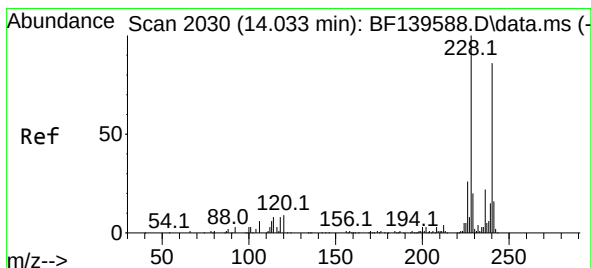
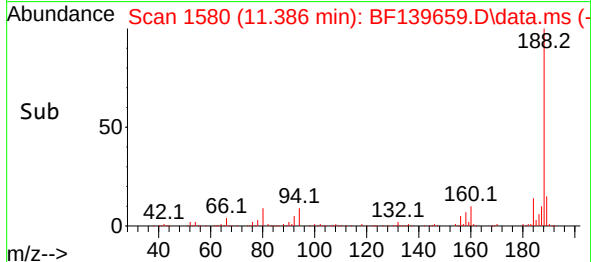
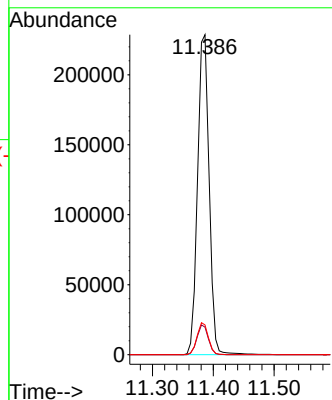
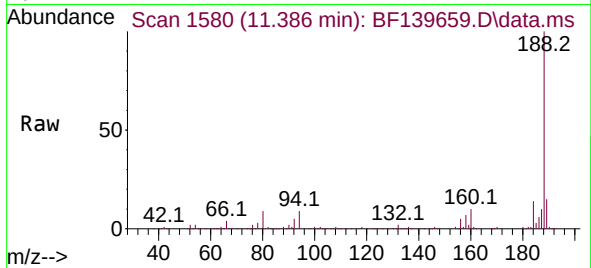




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139659.D
Acq: 04 Oct 2024 16:00

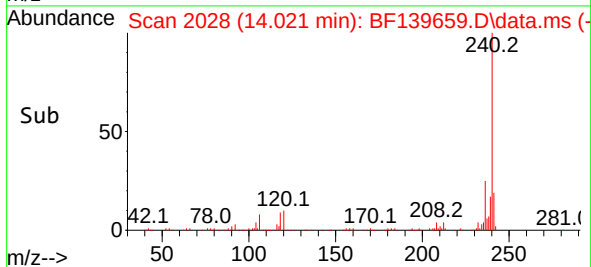
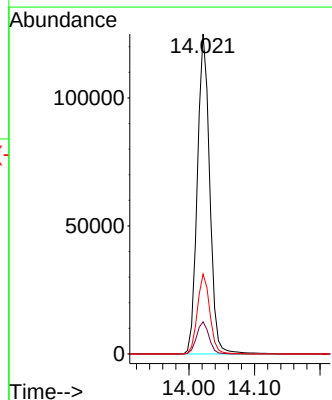
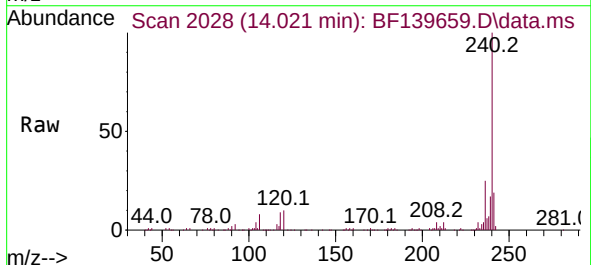
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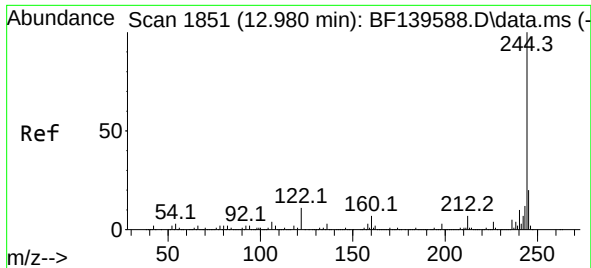
Tgt Ion:188 Resp: 302122
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.2
80 9.3 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF139659.D
Acq: 04 Oct 2024 16:00

Tgt Ion:240 Resp: 164050
Ion Ratio Lower Upper
240 100
120 10.0 8.4 12.6
236 24.9 20.3 30.5

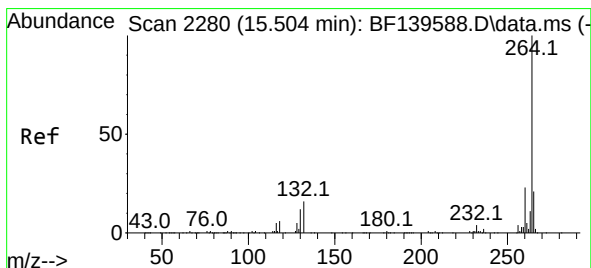
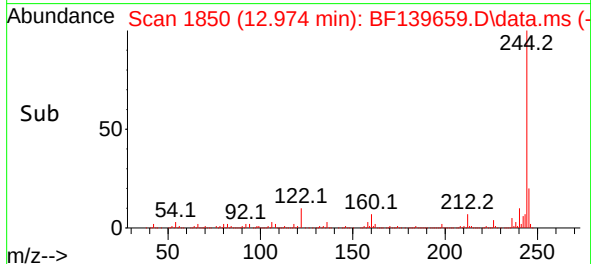
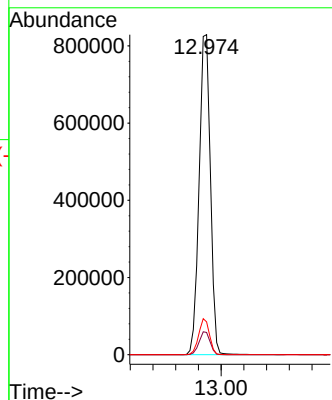
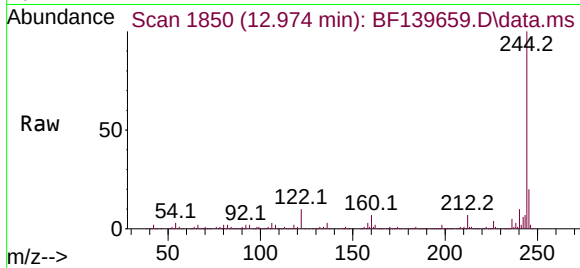




#79
Terphenyl-d14
Concen: 114.672 ng
RT: 12.974 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF139659.D
Acq: 04 Oct 2024 16:00

Instrument :
BNA_F
ClientSampleId :
TP1

Tgt Ion:244 Resp: 1146493
Ion Ratio Lower Upper
244 100
212 7.0 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: BF139659.D
Acq: 04 Oct 2024 16:00

Tgt Ion:264 Resp: 148911
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 21.1 16.9 25.3

