

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
Data File : BF140110.D
Acq On : 29 Oct 2024 14:16
Operator : RC/JU
Sample : P4578-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-305-BOT

Quant Time: Oct 29 14:53:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	120686	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	473213	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	267166	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	461039	20.000	ng	0.00
76) Chrysene-d12	14.057	240	224689	20.000	ng	0.00
86) Perylene-d12	15.551	264	271519	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	693174	89.916	ng	0.00
7) Phenol-d6	6.504	99	886850	88.822	ng	0.00
23) Nitrobenzene-d5	7.446	82	564898	66.162	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	255776	102.352	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1068584	66.103	ng	0.00
79) Terphenyl-d14	12.998	244	977691	70.904	ng	0.00

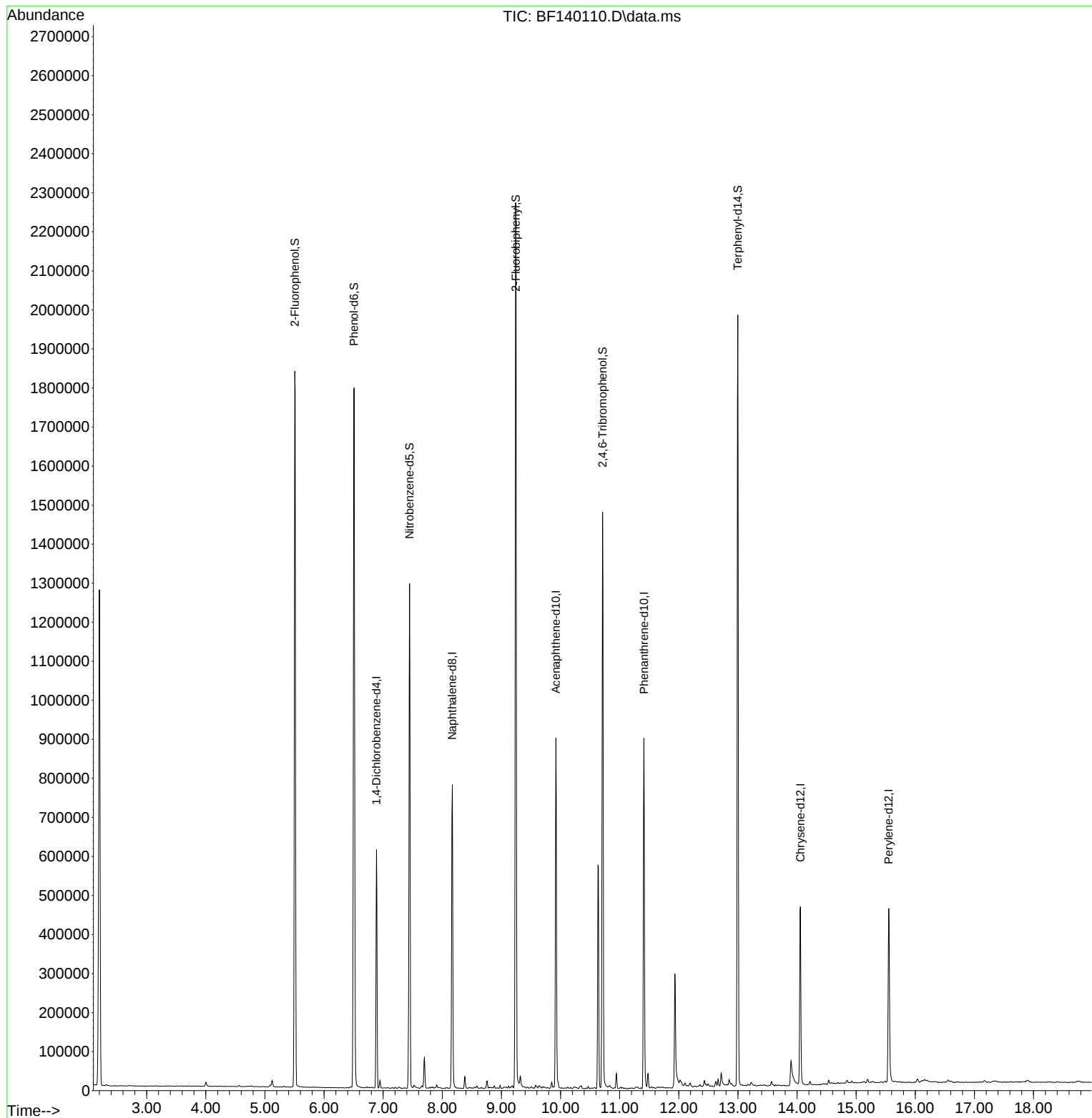
Target Compounds	Qvalue

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

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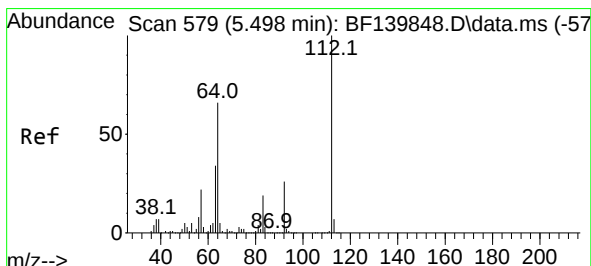
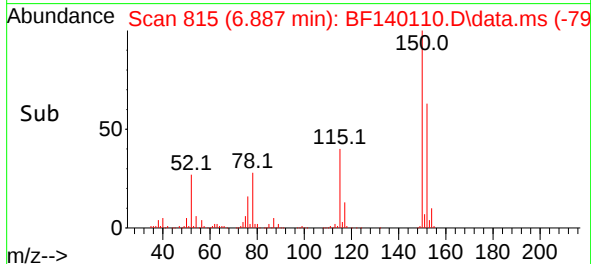
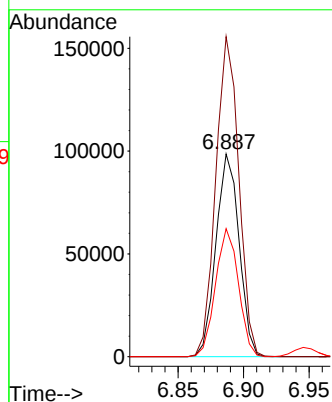
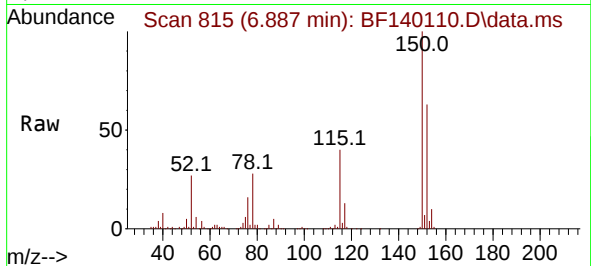




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140110.D
Acq: 29 Oct 2024 14:16

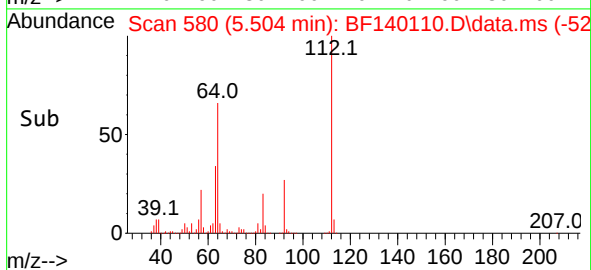
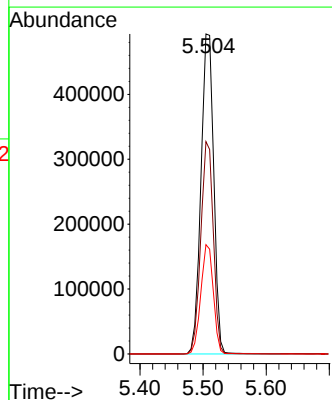
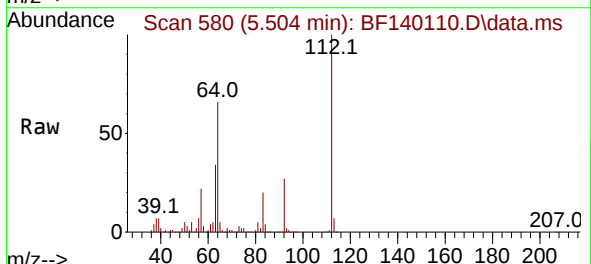
Instrument :
BNA_F
ClientSampleId :
WB-305-BOT

Tgt Ion:152 Resp: 120686
Ion Ratio Lower Upper
152 100
150 157.9 130.2 195.2
115 63.1 51.4 77.2



#5
2-Fluorophenol
Concen: 89.916 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140110.D
Acq: 29 Oct 2024 14:16

Tgt Ion:112 Resp: 693174
Ion Ratio Lower Upper
112 100
64 66.4 53.0 79.6
63 34.1 27.0 40.4

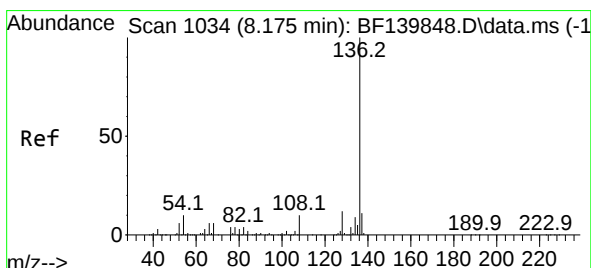
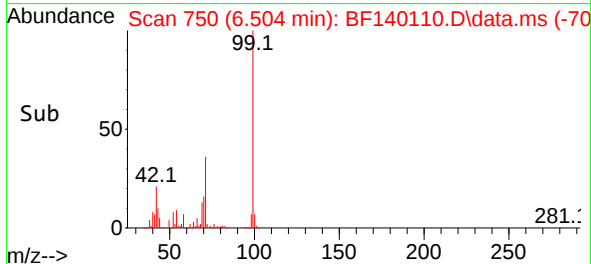
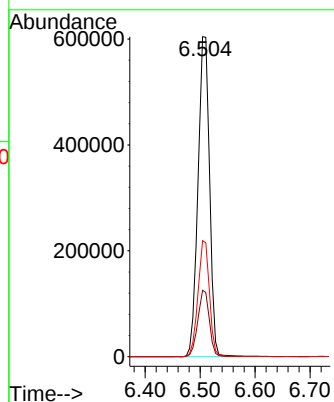
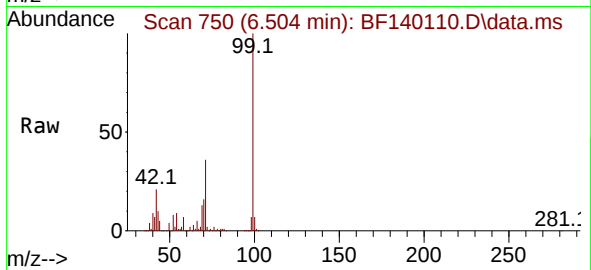




#7
Phenol-d6
Concen: 88.822 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140110.D
Acq: 29 Oct 2024 14:16

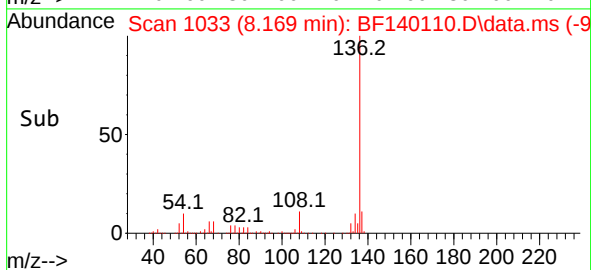
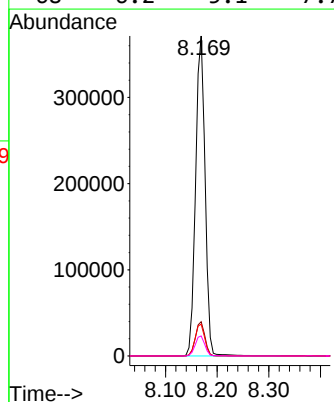
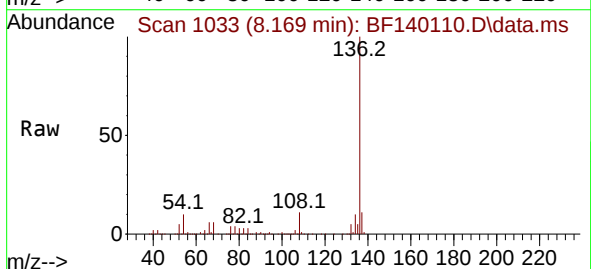
Instrument :
BNA_F
ClientSampleId :
WB-305-BOT

Tgt Ion: 99 Resp: 886850
Ion Ratio Lower Upper
99 100
42 20.8 16.7 25.1
71 36.2 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140110.D
Acq: 29 Oct 2024 14:16

Tgt Ion: 136 Resp: 473213
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 9.9 8.4 12.6
68 6.2 5.1 7.7





#23

Nitrobenzene-d5

Concen: 66.162 ng

RT: 7.446 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140110.D

Acq: 29 Oct 2024 14:16

Instrument :

BNA_F

ClientSampleId :

WB-305-BOT

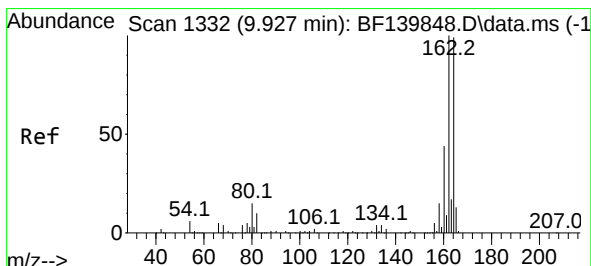
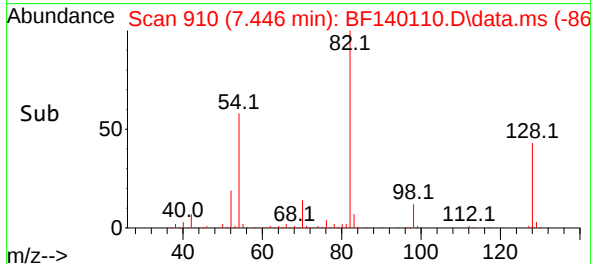
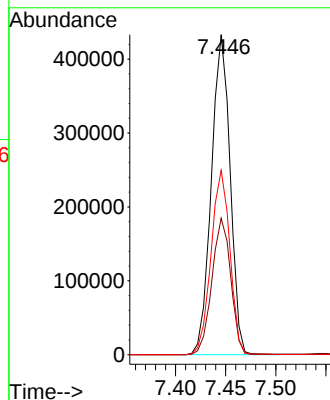
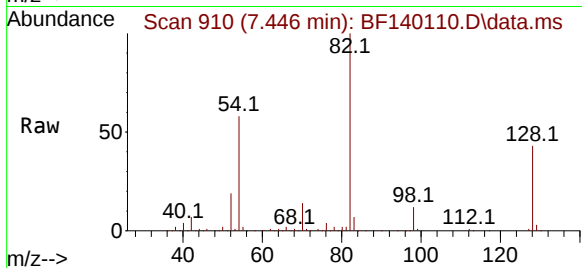
Tgt Ion: 82 Resp: 564898

Ion Ratio Lower Upper

82 100

128 42.7 33.4 50.0

54 57.6 47.8 71.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1331

Delta R.T. -0.005 min

Lab File: BF140110.D

Acq: 29 Oct 2024 14:16

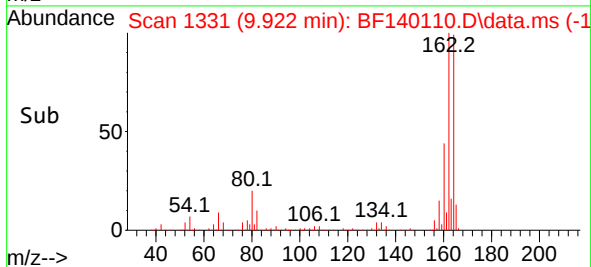
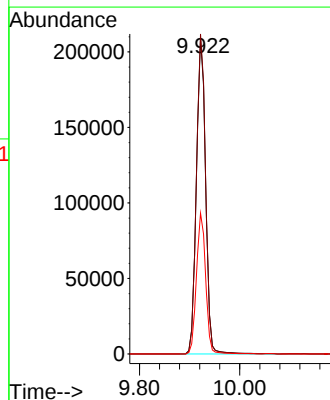
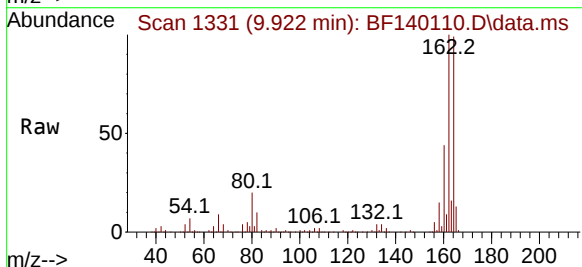
Tgt Ion:164 Resp: 267166

Ion Ratio Lower Upper

164 100

162 101.2 81.0 121.4

160 44.5 35.4 53.0

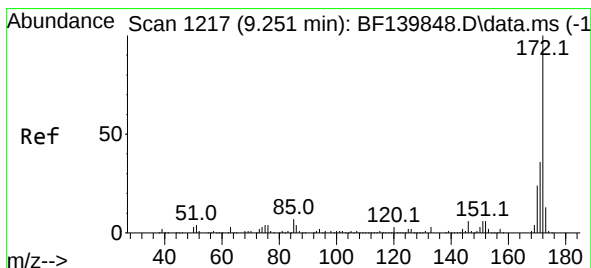
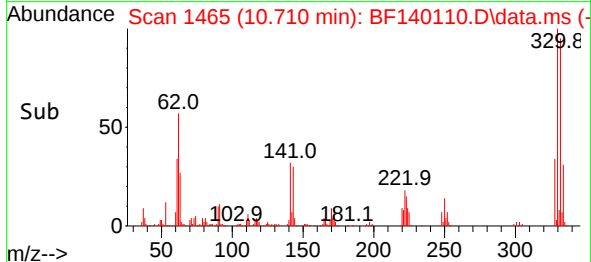
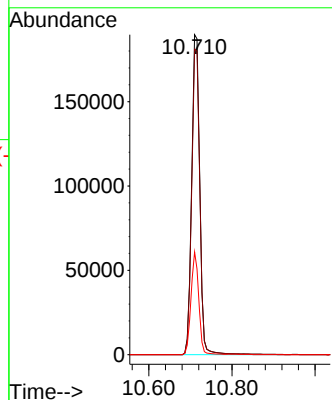
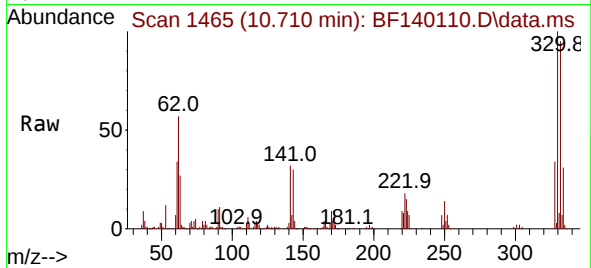




#42
2,4,6-Tribromophenol
Concen: 102.352 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF140110.D
Acq: 29 Oct 2024 14:16

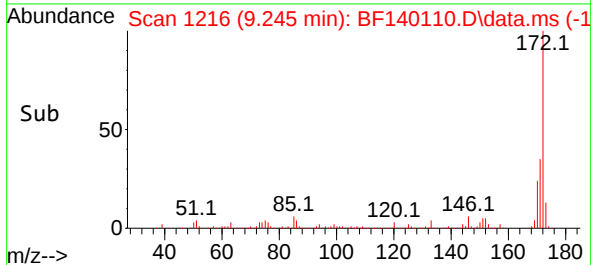
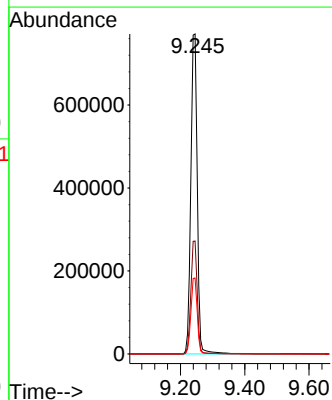
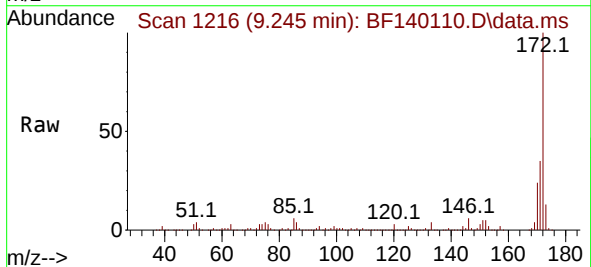
Instrument :
BNA_F
ClientSampleId :
WB-305-BOT

Tgt Ion:330 Resp: 255776
Ion Ratio Lower Upper
330 100
332 96.3 78.1 117.1
141 30.8 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 66.103 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140110.D
Acq: 29 Oct 2024 14:16

Tgt Ion:172 Resp: 1068584
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.7 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140110.D

Acq: 29 Oct 2024 14:16

Instrument :

BNA_F

ClientSampleId :

WB-305-BOT

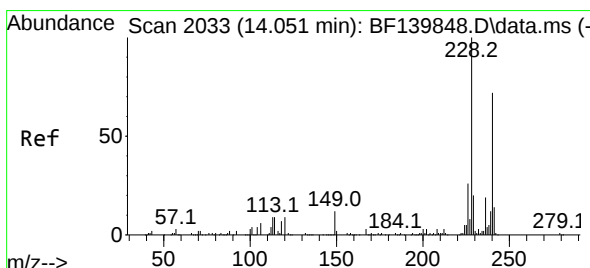
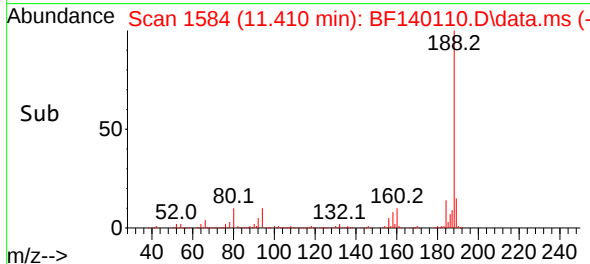
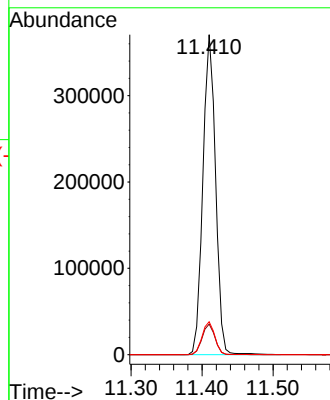
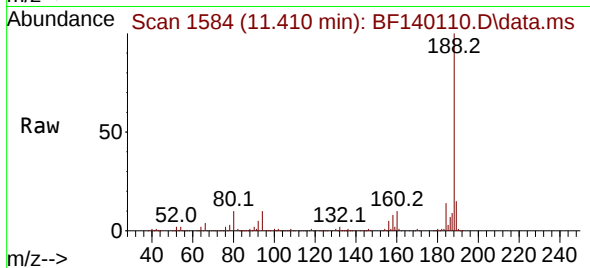
Tgt Ion:188 Resp: 461039

Ion Ratio Lower Upper

188 100

94 9.6 7.9 11.9

80 10.3 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF140110.D

Acq: 29 Oct 2024 14:16

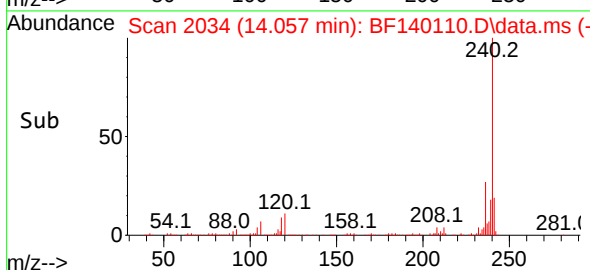
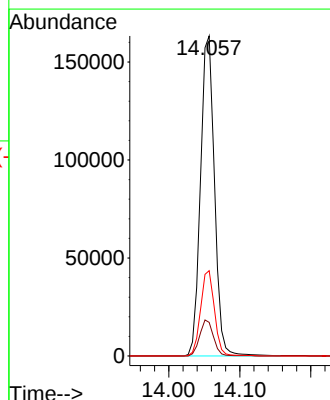
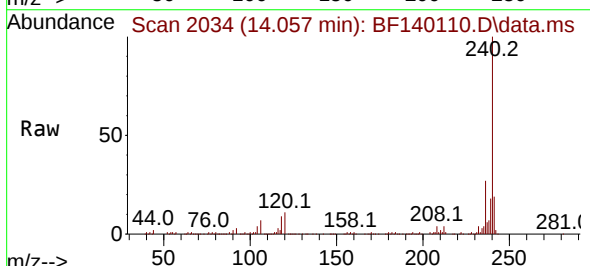
Tgt Ion:240 Resp: 224689

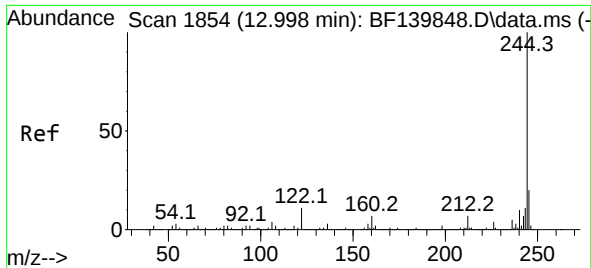
Ion Ratio Lower Upper

240 100

120 10.5 9.4 14.2

236 26.7 20.9 31.3

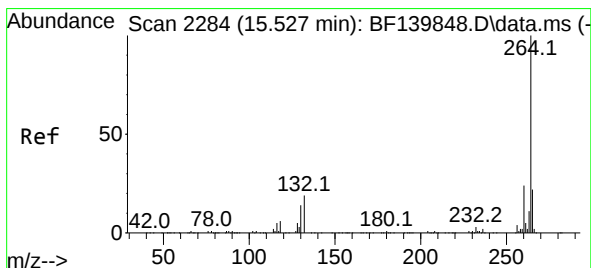
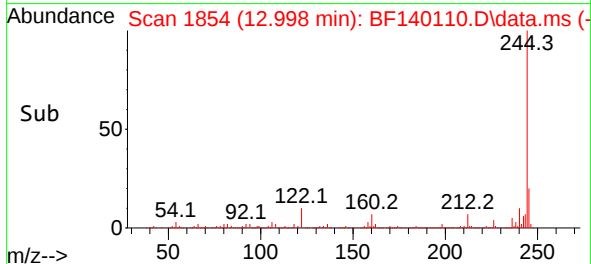
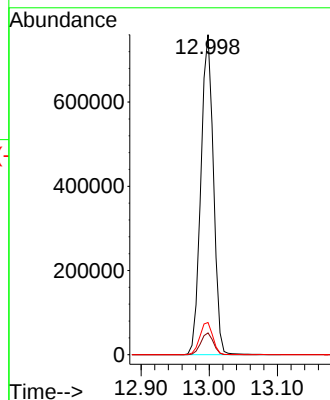
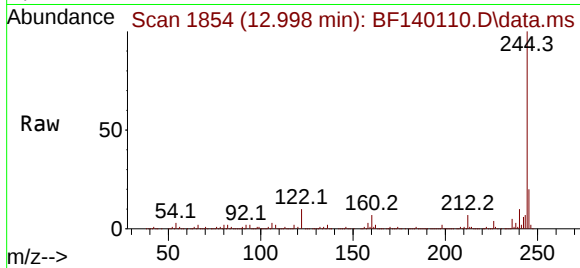




#79
 Terphenyl-d14
 Concen: 70.904 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF140110.D
 Acq: 29 Oct 2024 14:16

Instrument :
 BNA_F
 ClientSampleId :
 WB-305-BOT

Tgt Ion:244 Resp: 977691
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 10.1 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2288
 Delta R.T. 0.024 min
 Lab File: BF140110.D
 Acq: 29 Oct 2024 14:16

Tgt Ion:264 Resp: 271519
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 21.8 17.4 26.0

