

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
 Data File : BF140618.D
 Acq On : 25 Nov 2024 22:03
 Operator : RC/JU
 Sample : P4960-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW1

Quant Time: Nov 26 00:11:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	55736	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	203345	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	108187	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	202905	20.000	ng	0.00
76) Chrysene-d12	14.039	240	132880	20.000	ng	-0.01
86) Perylene-d12	15.533	264	124914	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	290601	88.960	ng	0.00
7) Phenol-d6	6.504	99	371592	86.045	ng	-0.01
23) Nitrobenzene-d5	7.428	82	241115	60.651	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	102101	88.241	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	465997	64.177	ng	-0.01
79) Terphenyl-d14	12.980	244	525872	61.623	ng	-0.01

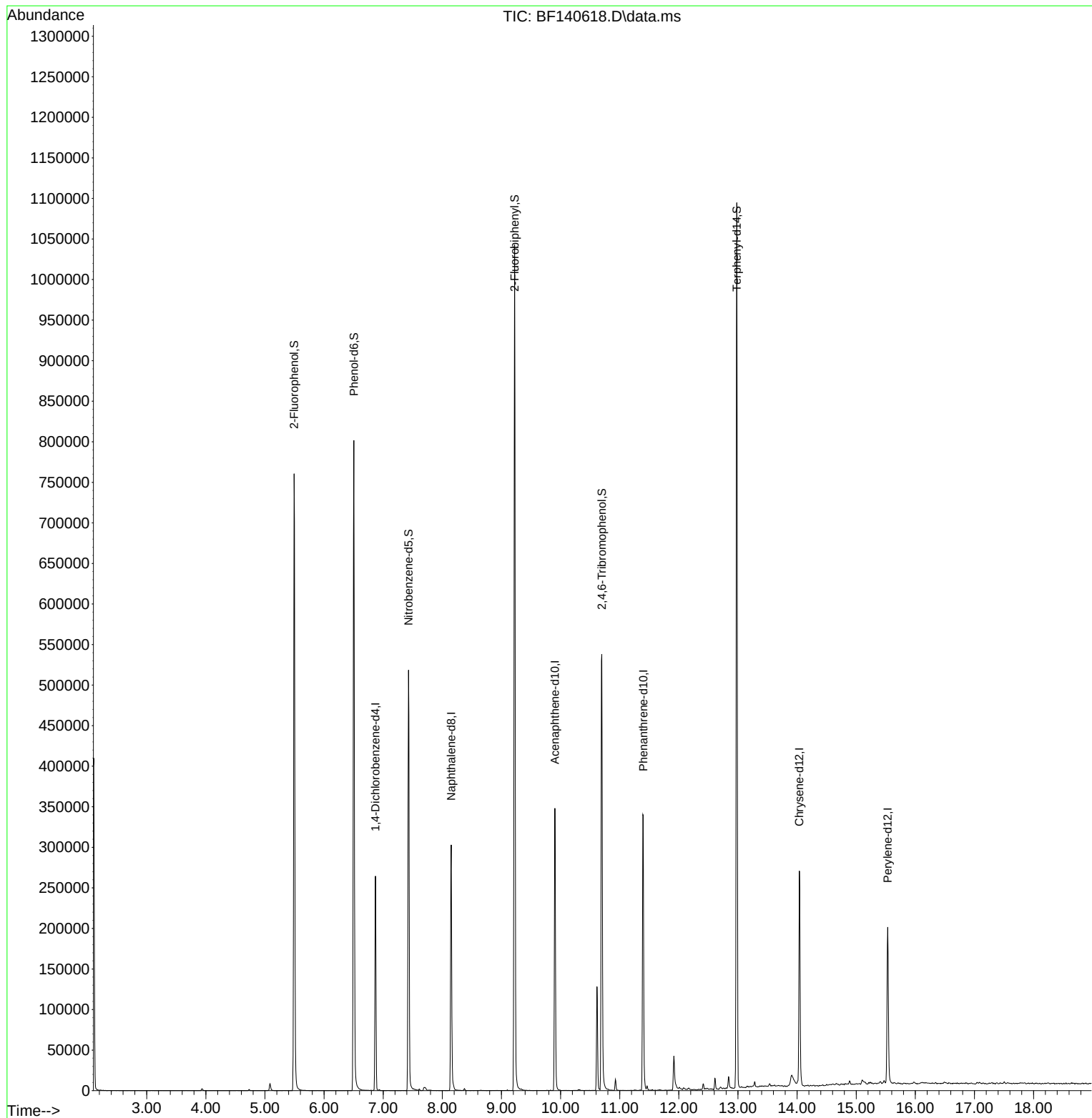
Target Compounds	Qvalue

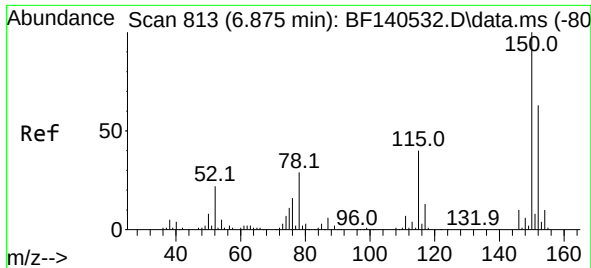
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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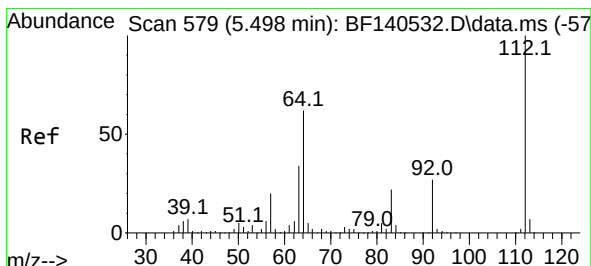
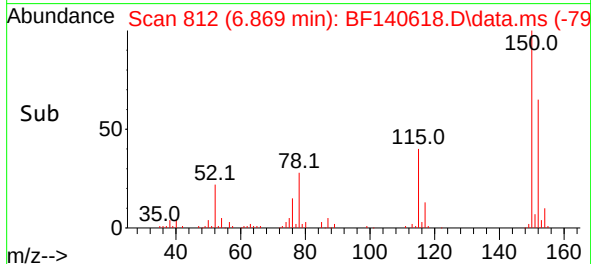
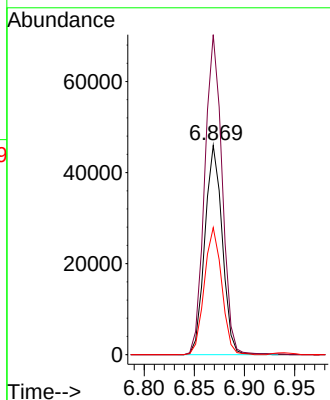
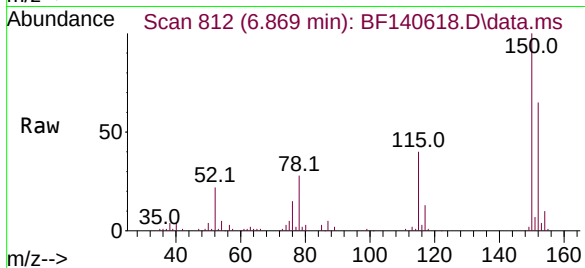




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140618.D
Acq: 25 Nov 2024 22:03

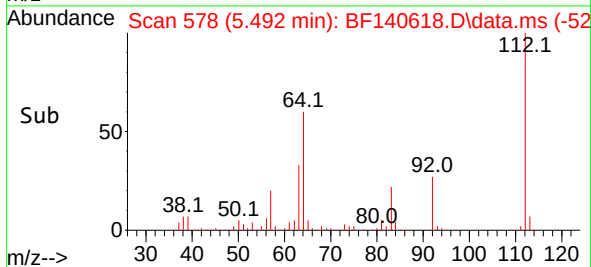
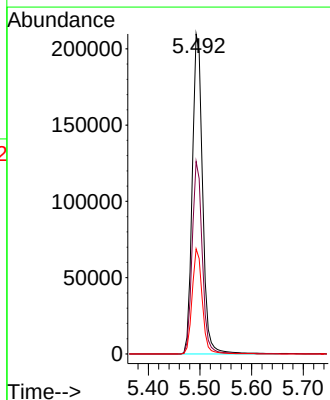
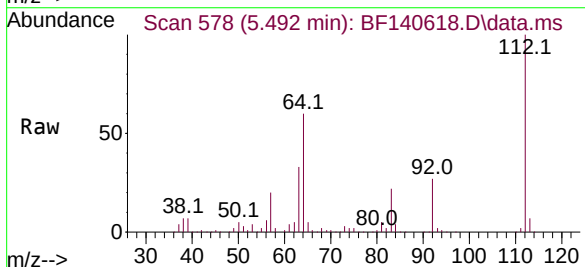
Instrument :
BNA_F
ClientSampleId :
SW1

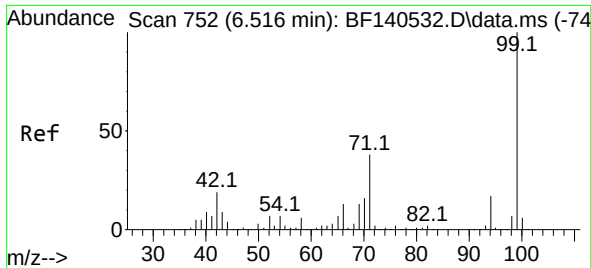
Tgt Ion:152 Resp: 55736
Ion Ratio Lower Upper
152 100
150 152.9 128.5 192.7
115 60.7 50.2 75.4



#5
2-Fluorophenol
Concen: 88.960 ng
RT: 5.492 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF140618.D
Acq: 25 Nov 2024 22:03

Tgt Ion:112 Resp: 290601
Ion Ratio Lower Upper
112 100
64 60.2 49.2 73.8
63 32.9 27.0 40.4

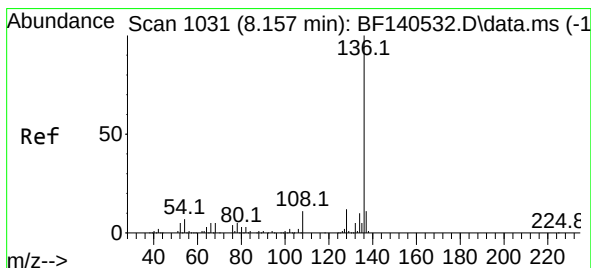
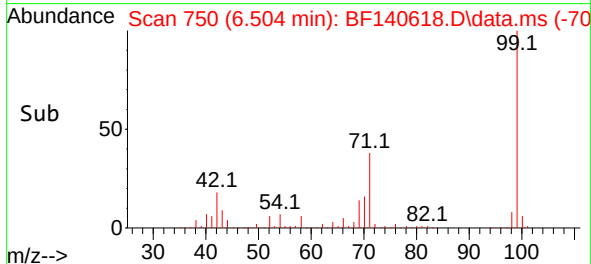
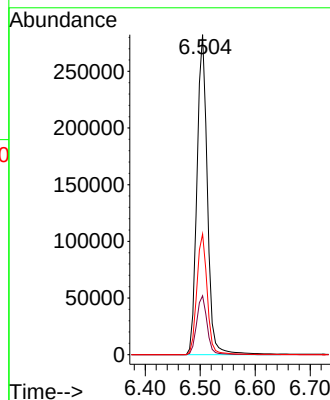
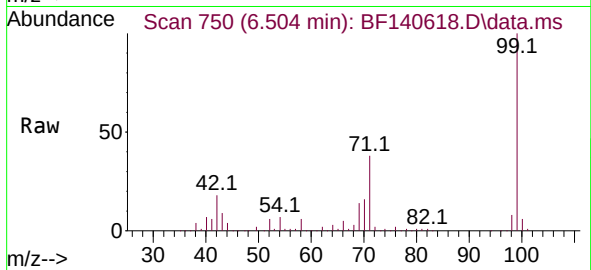




#7
Phenol-d6
Concen: 86.045 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140618.D
Acq: 25 Nov 2024 22:03

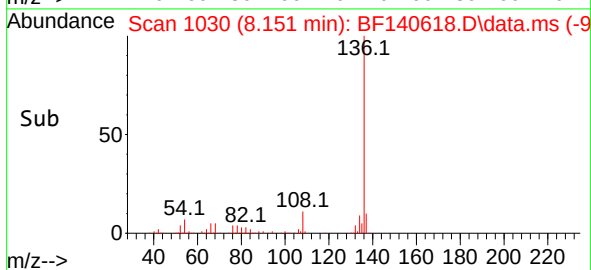
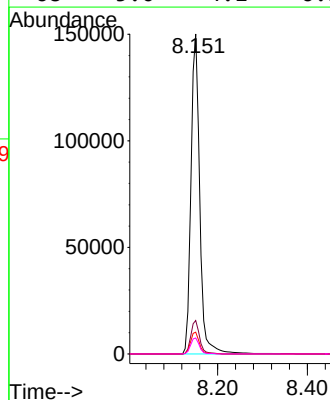
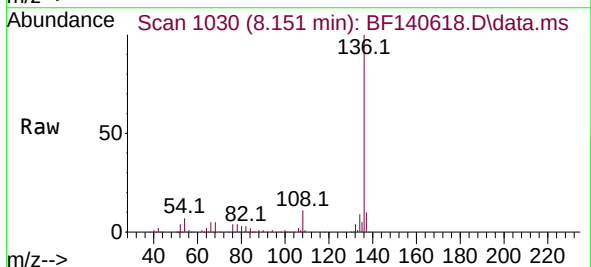
Instrument :
BNA_F
ClientSampleId :
SW1

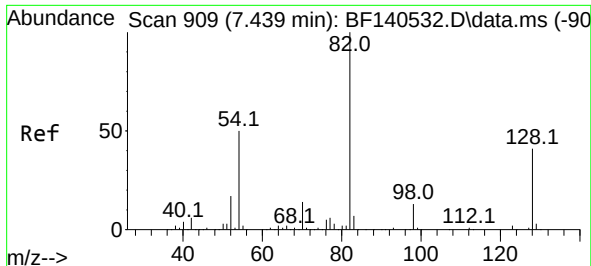
Tgt Ion: 99 Resp: 371592
Ion Ratio Lower Upper
99 100
42 18.4 15.4 23.0
71 37.7 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140618.D
Acq: 25 Nov 2024 22:03

Tgt Ion: 136 Resp: 203345
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 6.8 5.8 8.8
68 5.0 4.1 6.1





#23

Nitrobenzene-d5

Concen: 60.651 ng

RT: 7.428 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF140618.D

Acq: 25 Nov 2024 22:03

Instrument :

BNA_F

ClientSampleId :

SW1

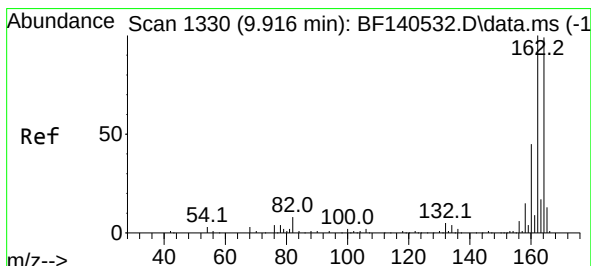
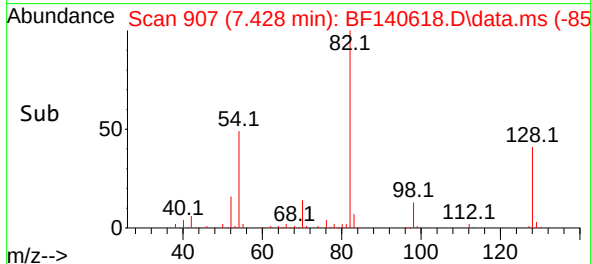
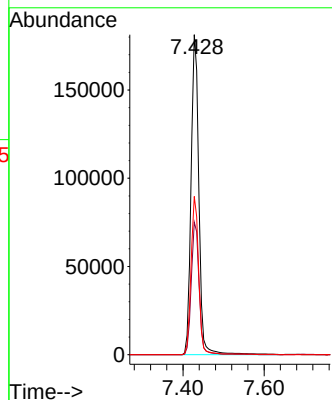
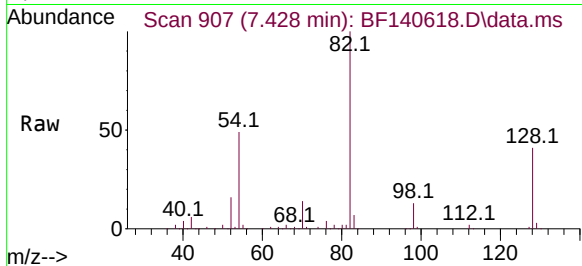
Tgt Ion: 82 Resp: 241115

Ion Ratio Lower Upper

82 100

128 41.4 33.0 49.4

54 49.4 39.5 59.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.012 min

Lab File: BF140618.D

Acq: 25 Nov 2024 22:03

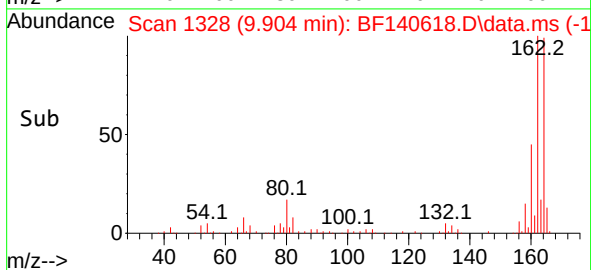
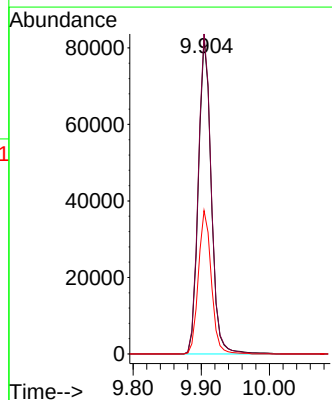
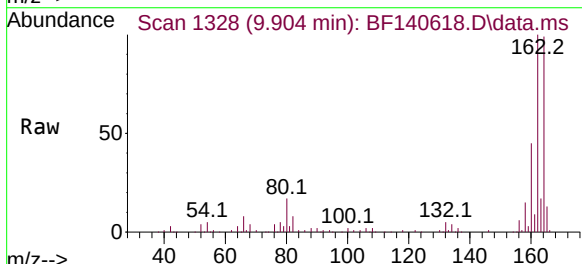
Tgt Ion:164 Resp: 108187

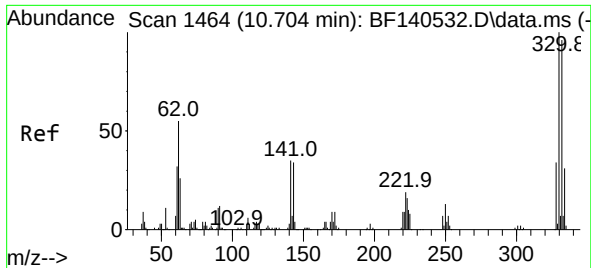
Ion Ratio Lower Upper

164 100

162 101.5 80.6 120.8

160 45.4 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 88.241 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140618.D

Acq: 25 Nov 2024 22:03

Instrument :

BNA_F

ClientSampleId :

SW1

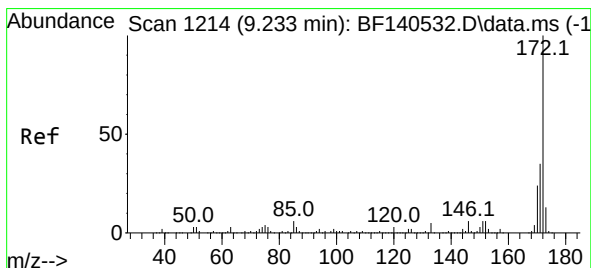
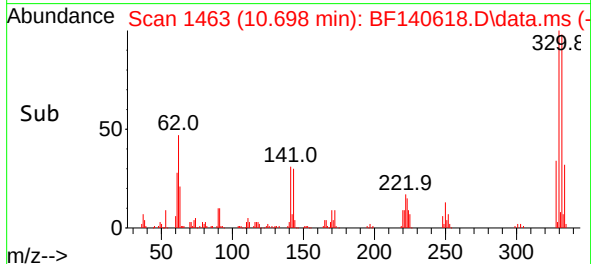
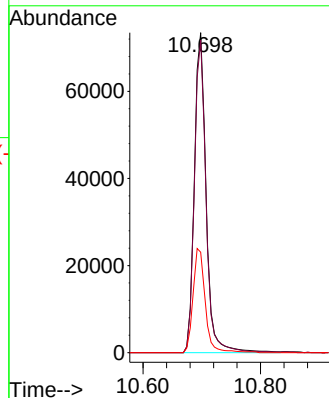
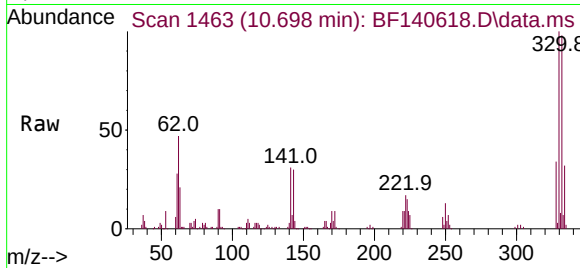
Tgt Ion:330 Resp: 102101

Ion Ratio Lower Upper

330 100

332 96.9 76.9 115.3

141 33.8 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 64.177 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF140618.D

Acq: 25 Nov 2024 22:03

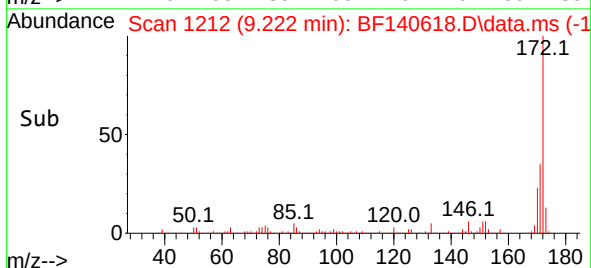
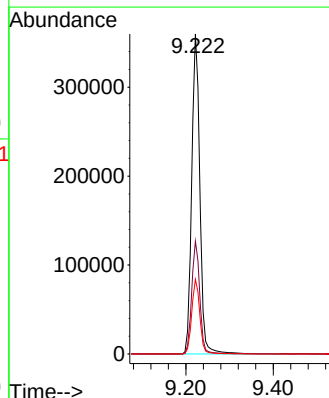
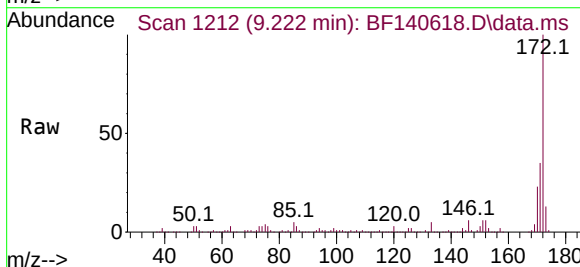
Tgt Ion:172 Resp: 465997

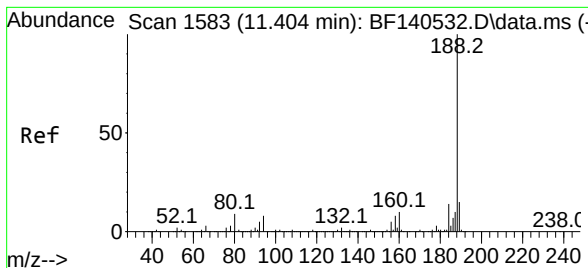
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.3 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140618.D

Acq: 25 Nov 2024 22:03

Instrument :

BNA_F

ClientSampleId :

SW1

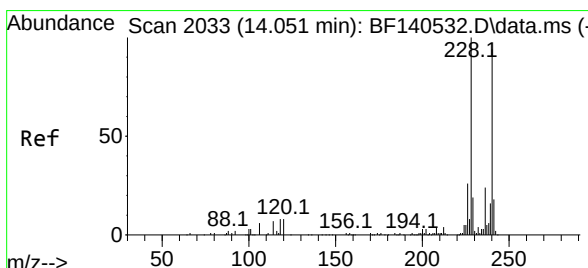
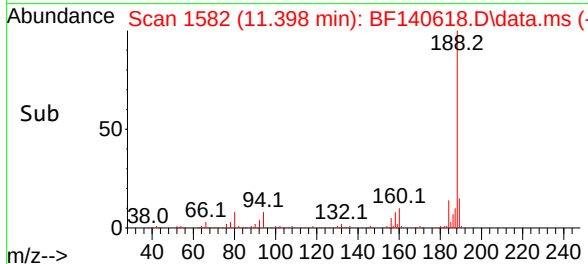
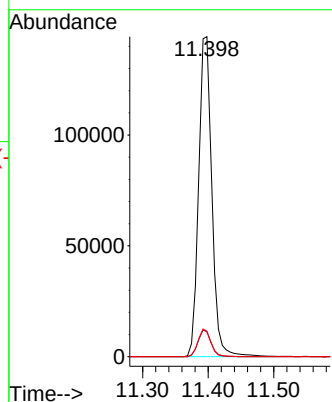
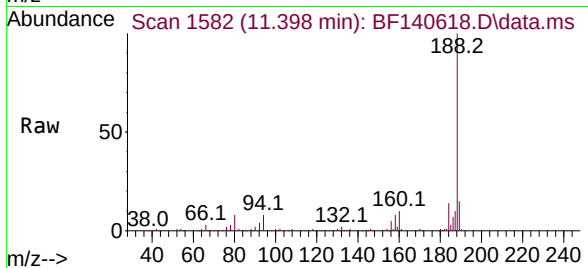
Tgt Ion:188 Resp: 202905

Ion Ratio Lower Upper

188 100

94 7.8 6.4 9.6

80 8.0 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.012 min

Lab File: BF140618.D

Acq: 25 Nov 2024 22:03

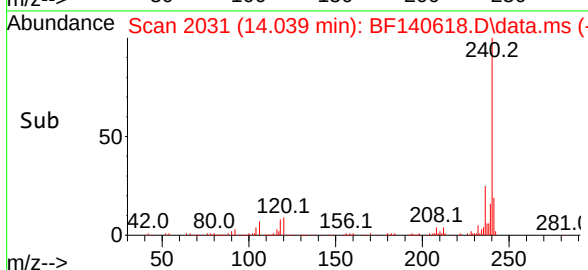
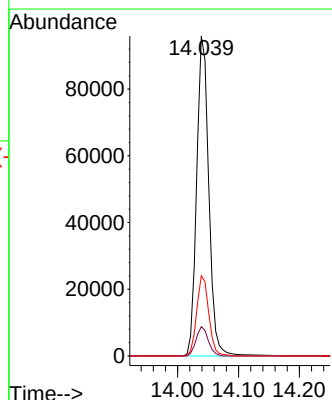
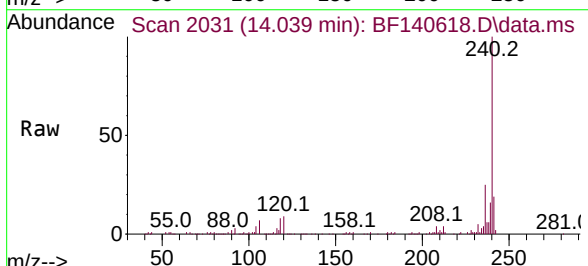
Tgt Ion:240 Resp: 132880

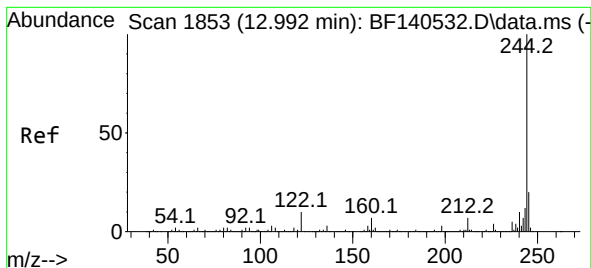
Ion Ratio Lower Upper

240 100

120 9.1 7.3 10.9

236 25.0 20.6 31.0





#79

Terphenyl-d14

Concen: 61.623 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF140618.D

Acq: 25 Nov 2024 22:03

Instrument :

BNA_F

ClientSampleId :

SW1

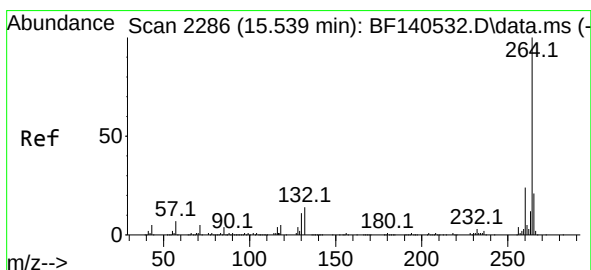
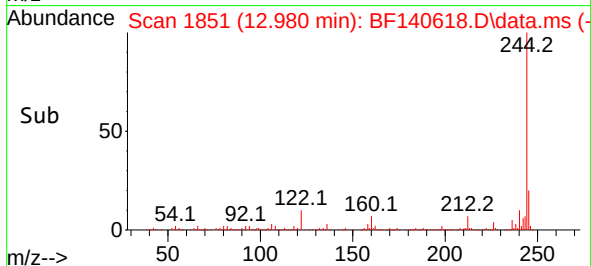
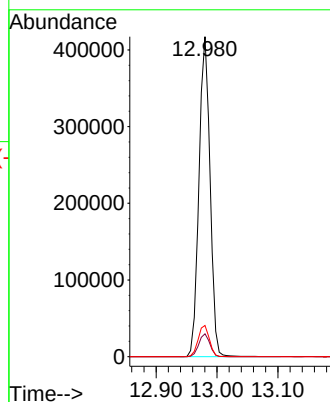
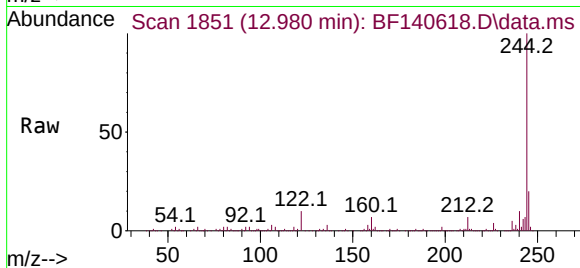
Tgt Ion:244 Resp: 525872

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 9.8 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. -0.006 min

Lab File: BF140618.D

Acq: 25 Nov 2024 22:03

Tgt Ion:264 Resp: 124914

Ion Ratio Lower Upper

264 100

260 23.0 19.0 28.6

265 20.9 16.6 25.0

