

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
 Data File : BF140899.D
 Acq On : 18 Dec 2024 12:19
 Operator : RC/JU
 Sample : PB165685BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165685BL

Quant Time: Dec 18 12:45:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	84840	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	321412	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	189285	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	347106	20.000	ng	0.00
76) Chrysene-d12	14.027	240	285085	20.000	ng	0.00
86) Perylene-d12	15.521	264	214088	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	625645	121.396	ng	0.01
7) Phenol-d6	6.498	99	881313	129.108	ng	0.00
23) Nitrobenzene-d5	7.416	82	564739	87.907	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	274207	122.485	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1158103	84.117	ng	0.00
79) Terphenyl-d14	12.963	244	1414555	78.242	ng	0.00

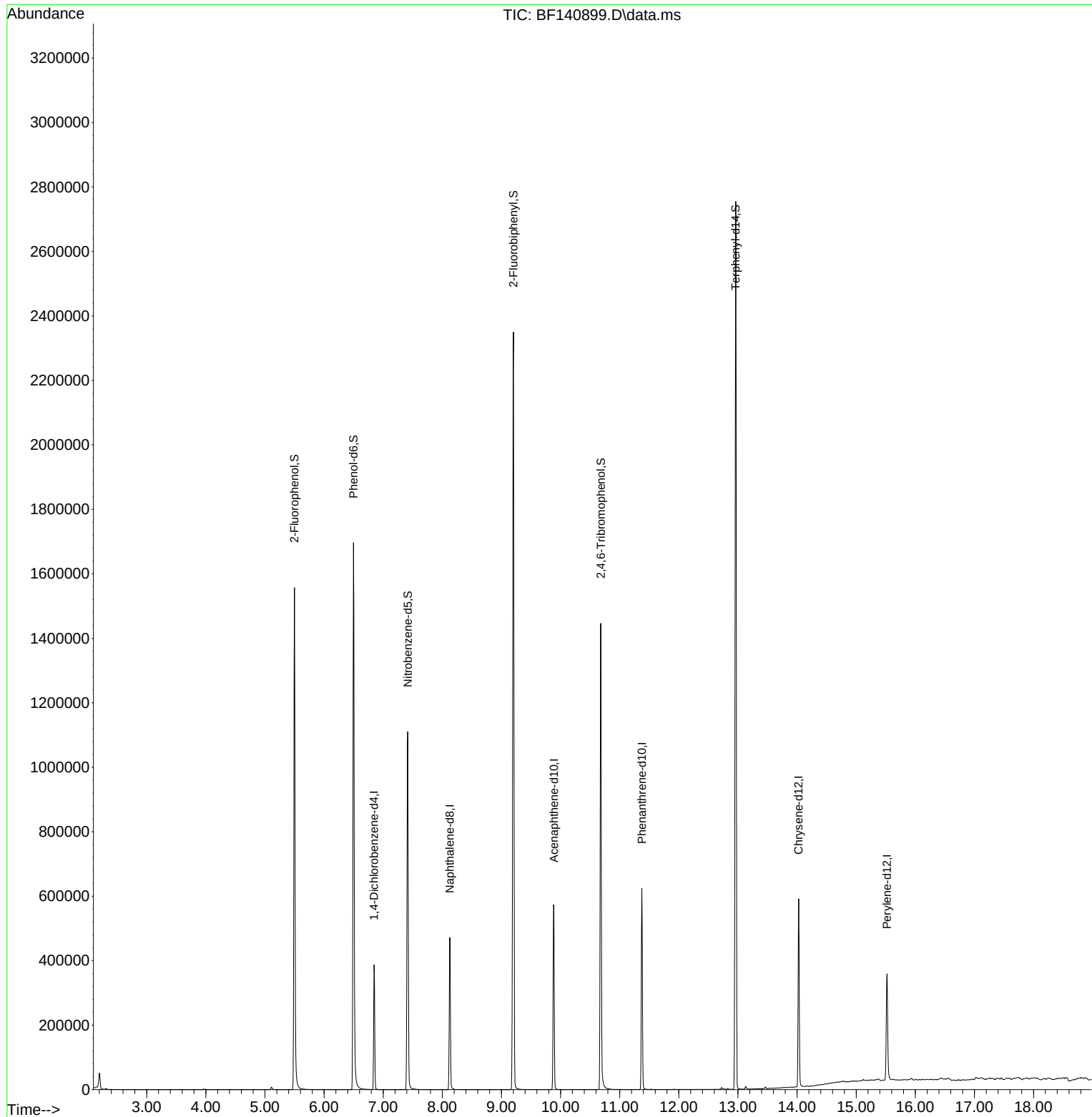
Target Compounds	Qvalue

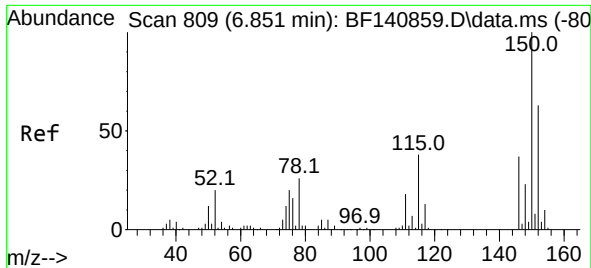
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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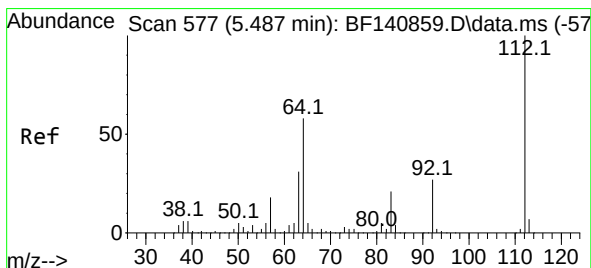
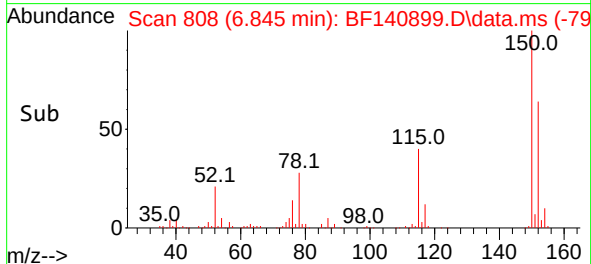
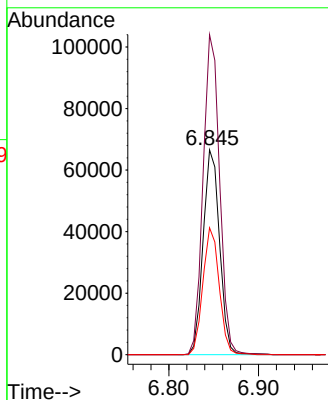
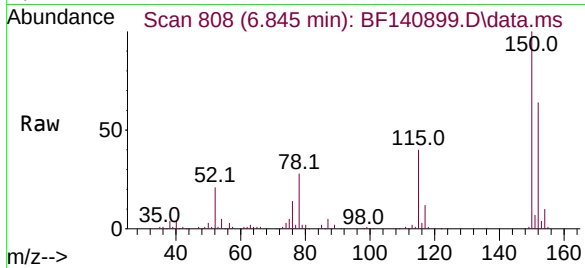




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF140899.D
Acq: 18 Dec 2024 12:19

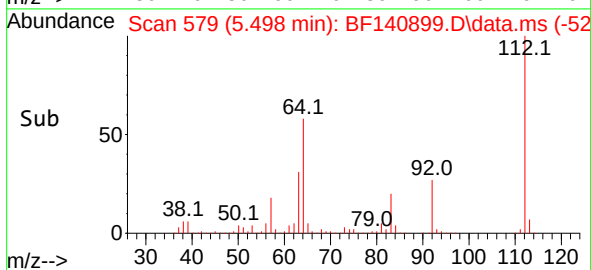
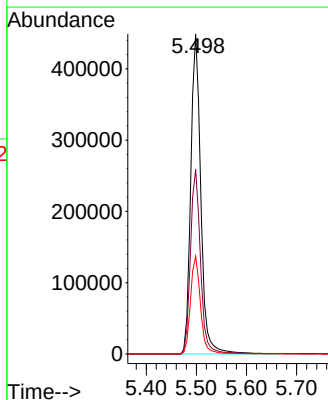
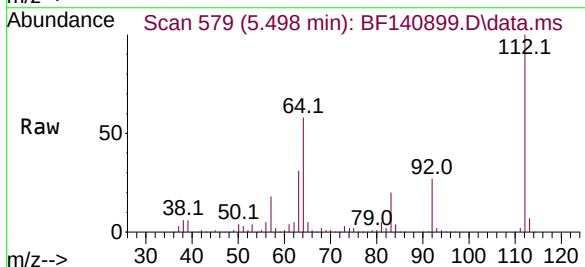
Instrument :
BNA_F
ClientSampleId :
PB165685BL

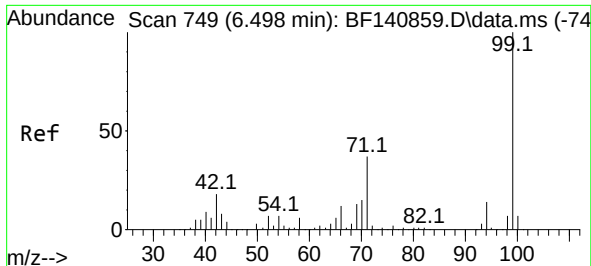
Tgt Ion:152 Resp: 84840
Ion Ratio Lower Upper
152 100
150 156.3 127.9 191.9
115 62.0 48.0 72.0



#5
2-Fluorophenol
Concen: 121.396 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF140899.D
Acq: 18 Dec 2024 12:19

Tgt Ion:112 Resp: 625645
Ion Ratio Lower Upper
112 100
64 57.6 46.1 69.1
63 30.5 24.9 37.3

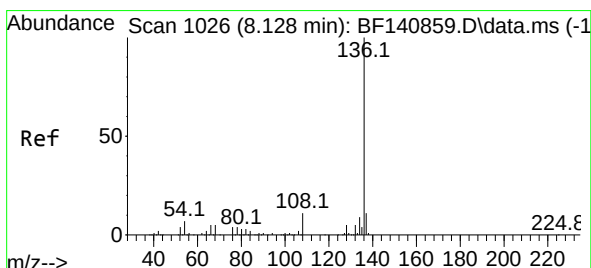
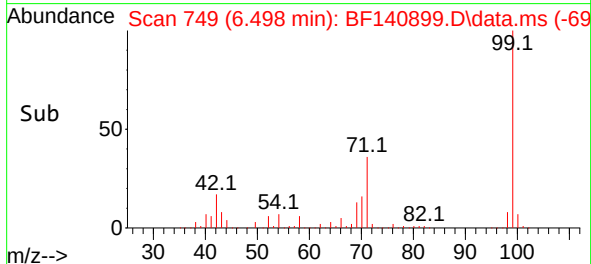
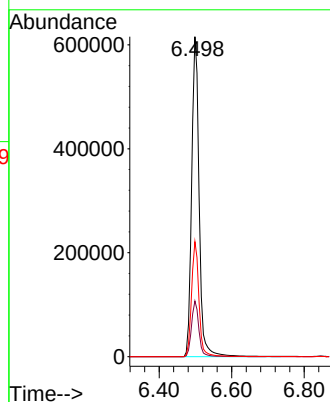
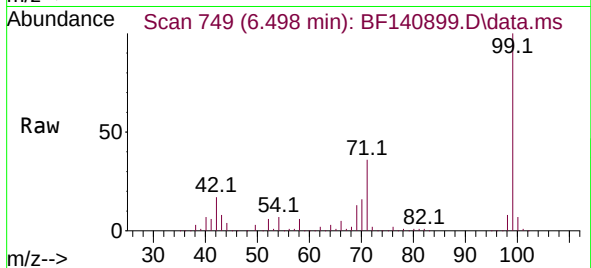




#7
Phenol-d6
Concen: 129.108 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF140899.D
Acq: 18 Dec 2024 12:19

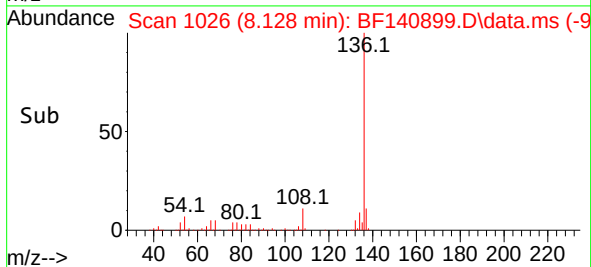
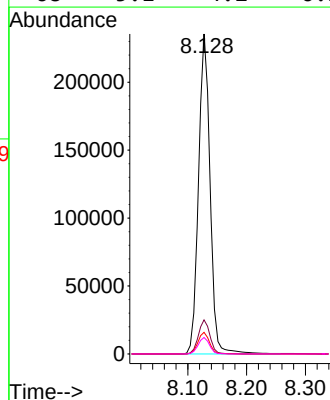
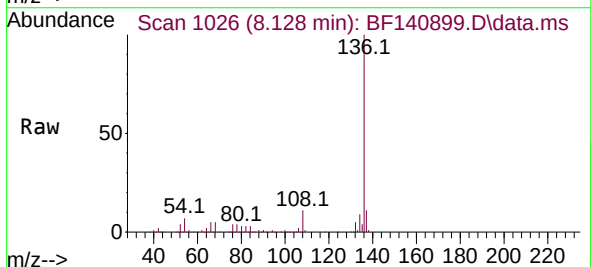
Instrument :
BNA_F
ClientSampleId :
PB165685BL

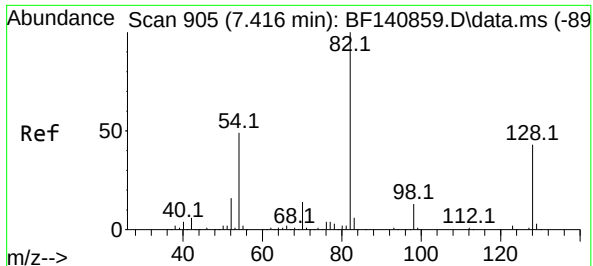
Tgt Ion: 99 Resp: 881313
Ion Ratio Lower Upper
99 100
42 17.4 14.3 21.5
71 36.0 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140899.D
Acq: 18 Dec 2024 12:19

Tgt Ion: 136 Resp: 321412
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 6.8 5.6 8.4
68 5.1 4.2 6.2





#23

Nitrobenzene-d5

Concen: 87.907 ng

RT: 7.416 min Scan# 905

Delta R.T. -0.000 min

Lab File: BF140899.D

Acq: 18 Dec 2024 12:19

Instrument :

BNA_F

ClientSampleId :

PB165685BL

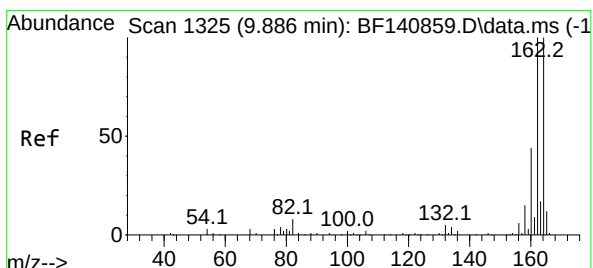
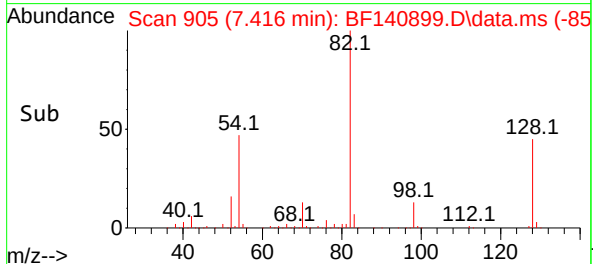
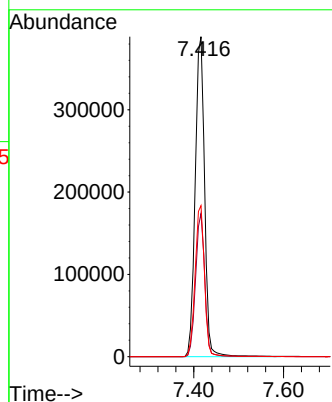
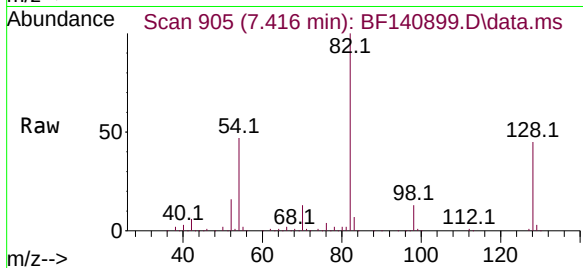
Tgt Ion: 82 Resp: 564739

Ion Ratio Lower Upper

82 100

128 44.7 34.4 51.6

54 47.2 38.8 58.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1325

Delta R.T. -0.000 min

Lab File: BF140899.D

Acq: 18 Dec 2024 12:19

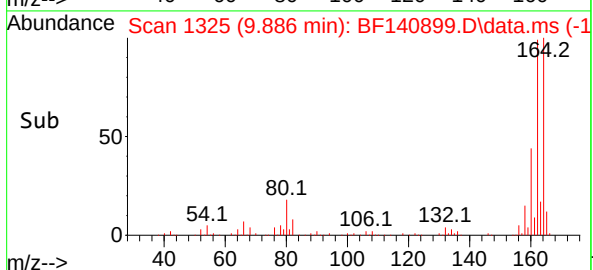
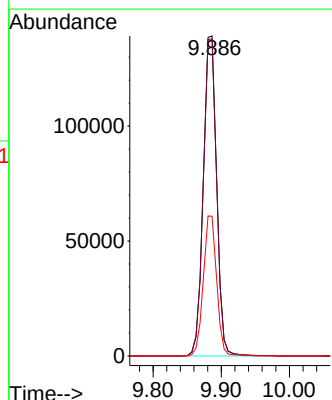
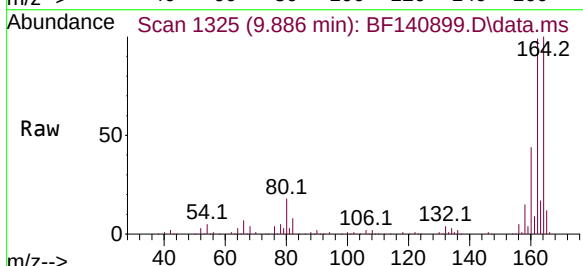
Tgt Ion:164 Resp: 189285

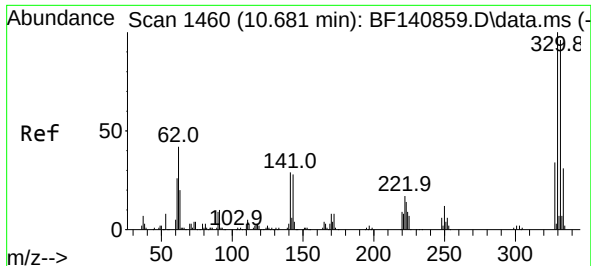
Ion Ratio Lower Upper

164 100

162 99.0 79.9 119.9

160 43.6 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 122.485 ng

RT: 10.680 min Scan# 1460

Delta R.T. -0.000 min

Lab File: BF140899.D

Acq: 18 Dec 2024 12:19

Instrument :

BNA_F

ClientSampleId :

PB165685BL

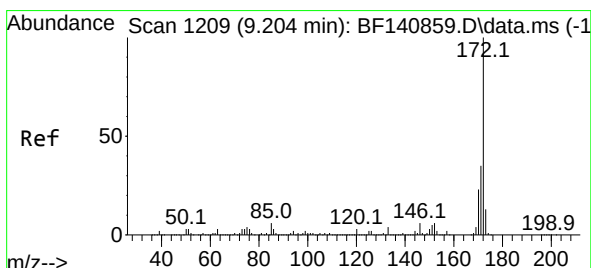
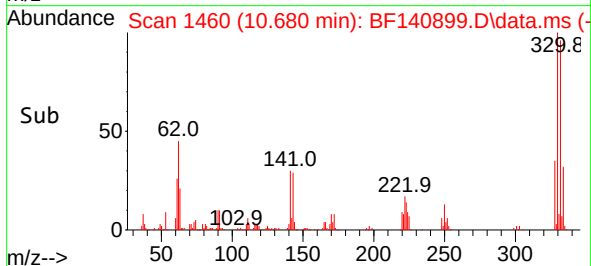
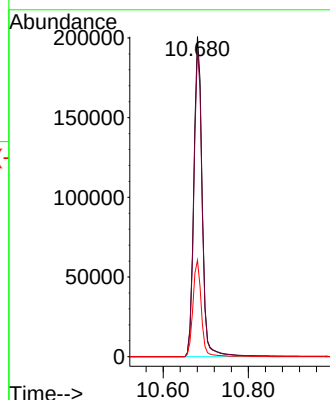
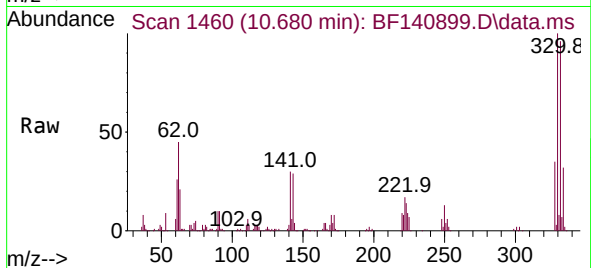
Tgt Ion:330 Resp: 274207

Ion Ratio Lower Upper

330 100

332 95.5 76.2 114.4

141 30.4 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 84.117 ng

RT: 9.204 min Scan# 1209

Delta R.T. -0.000 min

Lab File: BF140899.D

Acq: 18 Dec 2024 12:19

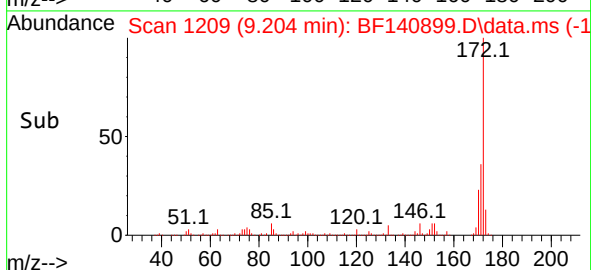
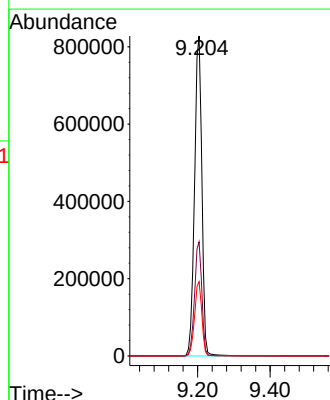
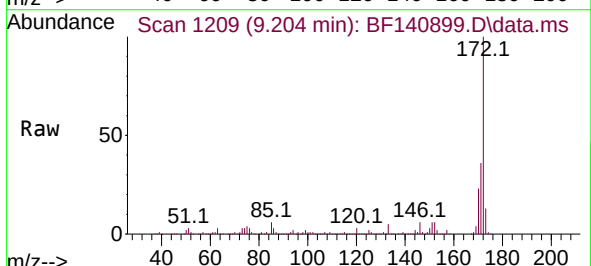
Tgt Ion:172 Resp: 1158103

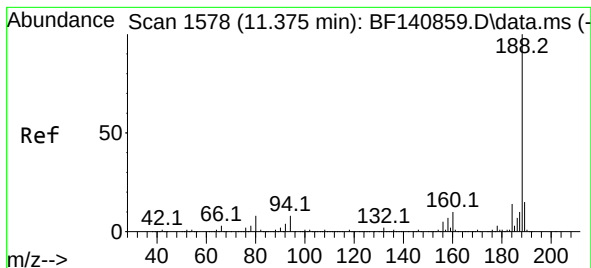
Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.2 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140899.D

Acq: 18 Dec 2024 12:19

Instrument :

BNA_F

ClientSampleId :

PB165685BL

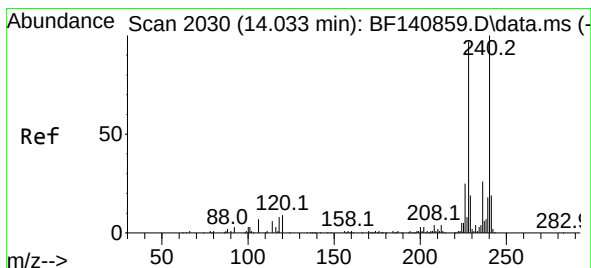
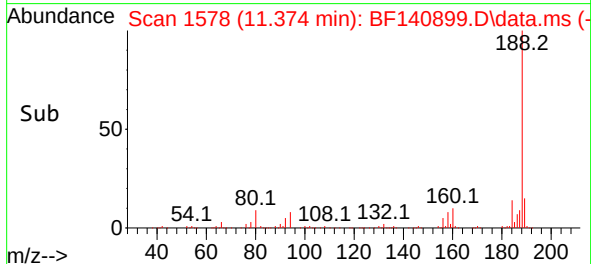
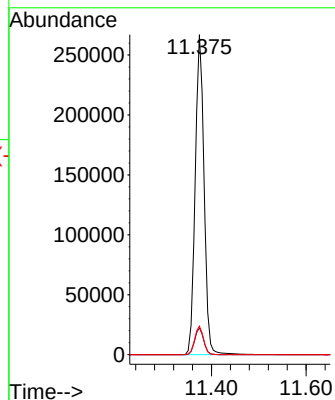
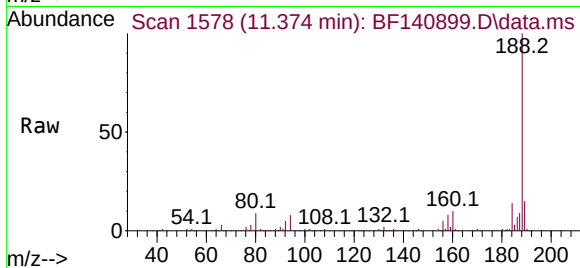
Tgt Ion:188 Resp: 347106

Ion Ratio Lower Upper

188 100

94 8.4 6.4 9.6

80 9.0 6.8 10.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF140899.D

Acq: 18 Dec 2024 12:19

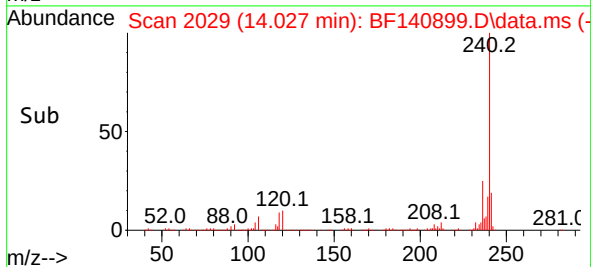
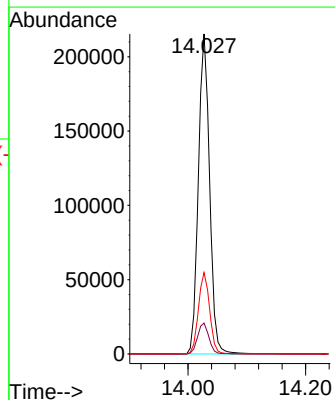
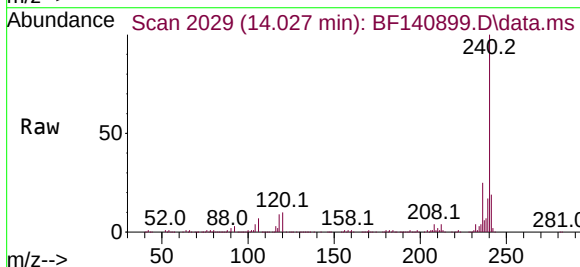
Tgt Ion:240 Resp: 285085

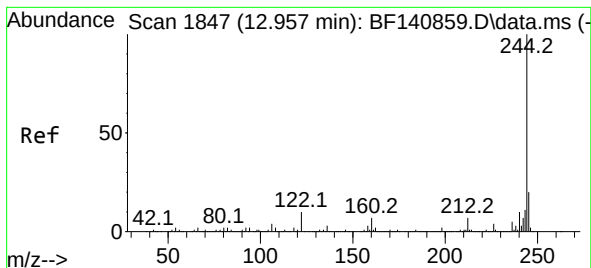
Ion Ratio Lower Upper

240 100

120 9.6 7.6 11.4

236 25.5 20.5 30.7





#79

Terphenyl-d14

Concen: 78.242 ng

RT: 12.963 min Scan# 1848

Delta R.T. 0.006 min

Lab File: BF140899.D

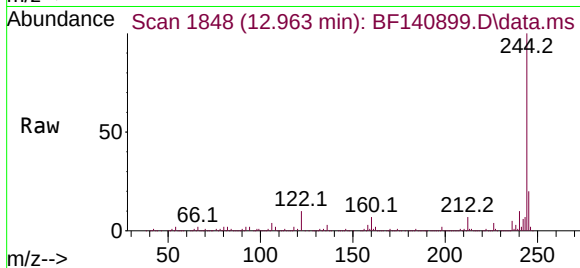
Acq: 18 Dec 2024 12:19

Instrument :

BNA_F

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PB165685BL



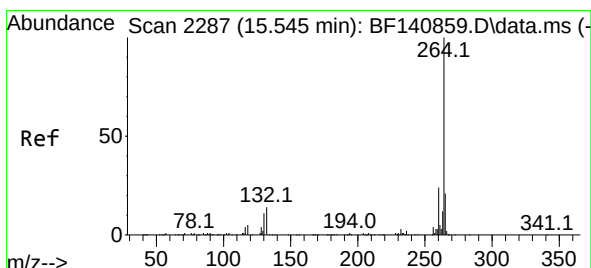
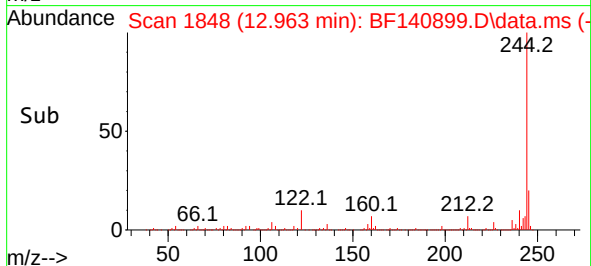
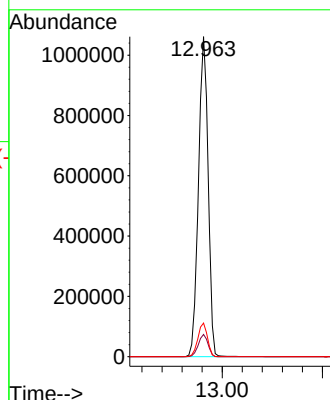
Tgt Ion:244 Resp: 1414555

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.5 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2283

Delta R.T. -0.024 min

Lab File: BF140899.D

Acq: 18 Dec 2024 12:19

Tgt Ion:264 Resp: 214088

Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

265 22.1 17.0 25.4

