

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121124\
 Data File : BF140830.D
 Acq On : 11 Dec 2024 15:42
 Operator : RC/JU
 Sample : P5216-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-744

Quant Time: Dec 11 17:11:50 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	6.857	152	86511	20.000	ng	-0.02
21) Naphthalene-d8	8.139	136	285272	20.000	ng	-0.02
39) Acenaphthene-d10	9.898	164	185673	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	346523	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	167870	20.000	ng	0.00
86) Perylene-d12	15.545	264	176101	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	491340	96.904	ng	0.00
7) Phenol-d6	6.510	99	672371	100.307	ng	0.00
23) Nitrobenzene-d5	7.428	82	436934	78.344	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	191413	96.392	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	811393	65.111	ng	-0.02
79) Terphenyl-d14	12.974	244	823686	76.404	ng	-0.02

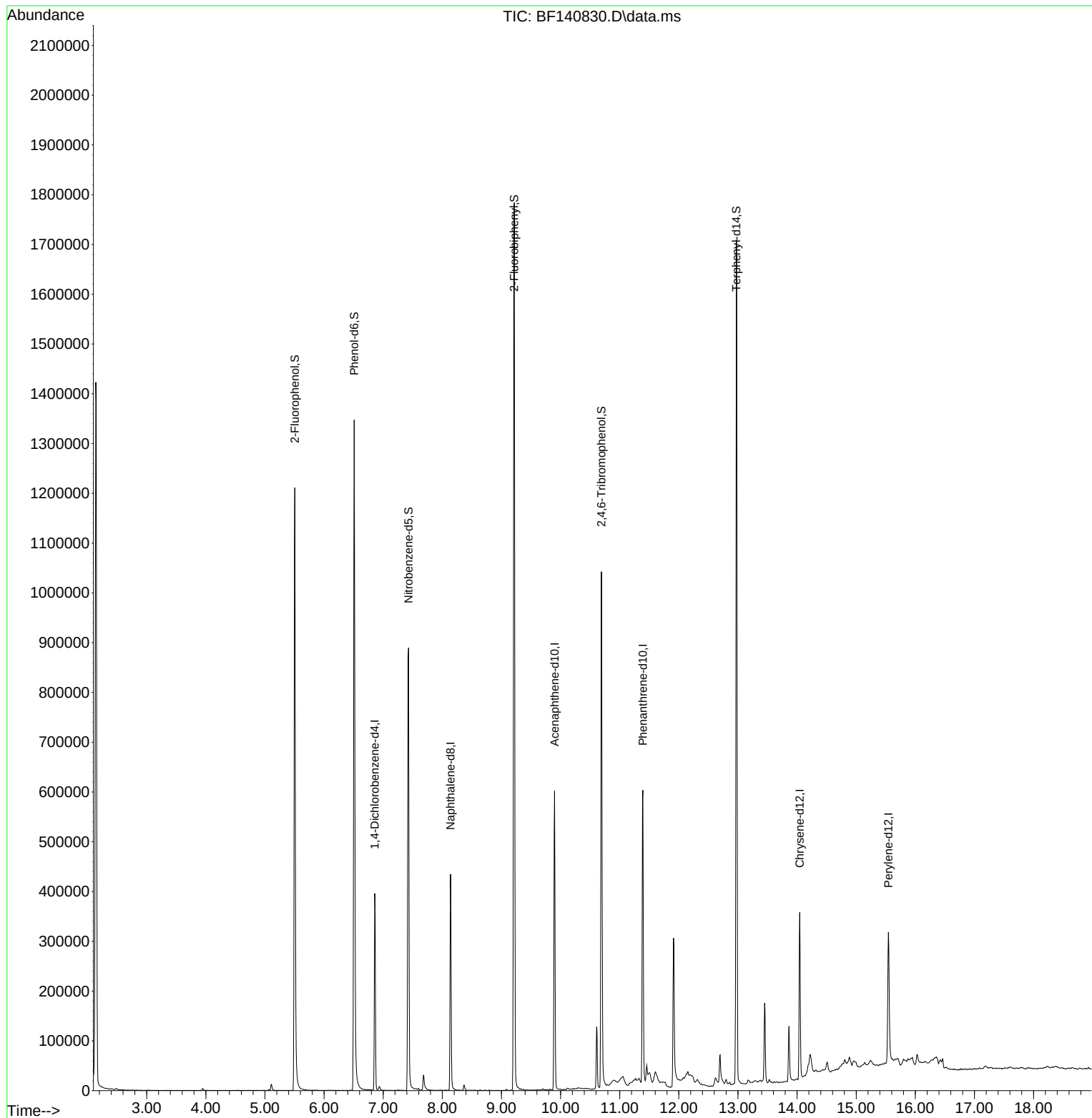
Target Compounds	Qvalue

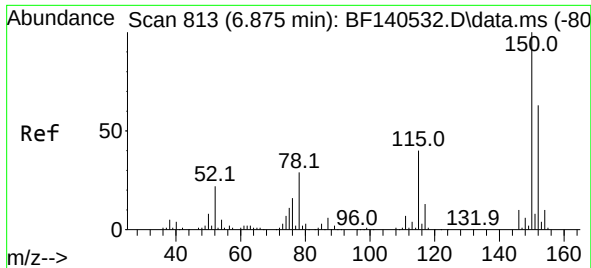
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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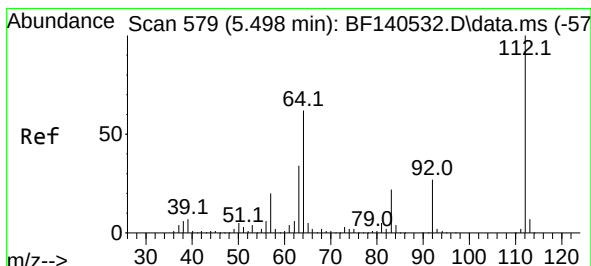
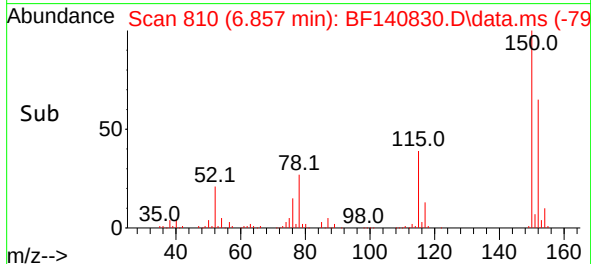
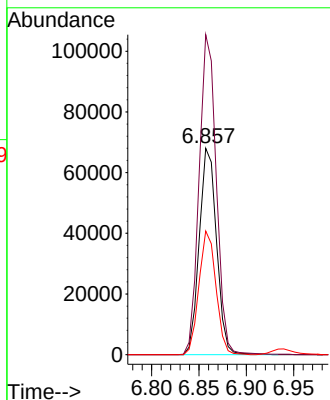
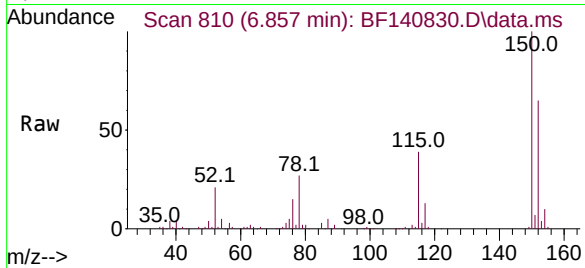




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 813
Delta R.T. -0.018 min
Lab File: BF140830.D
Acq: 11 Dec 2024 15:42

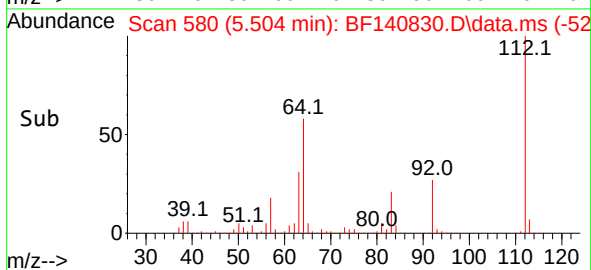
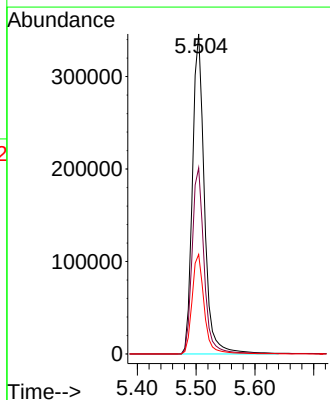
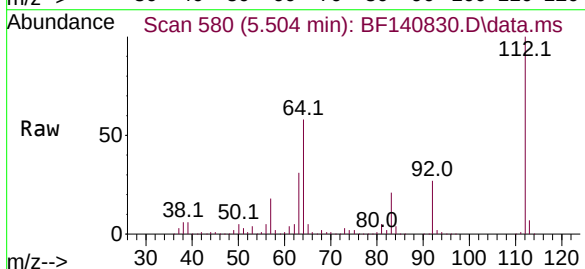
Instrument :
BNA_F
ClientSampleId :
MH-744

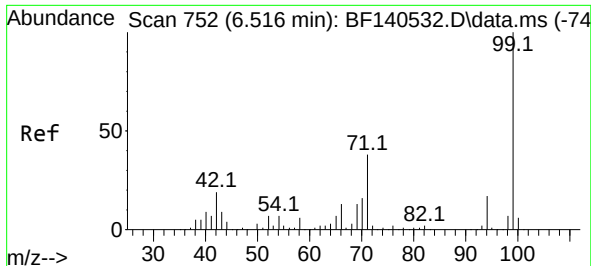
Tgt Ion:152 Resp: 86511
Ion Ratio Lower Upper
152 100
150 155.0 128.5 192.7
115 59.9 50.2 75.4



#5
2-Fluorophenol
Concen: 96.904 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140830.D
Acq: 11 Dec 2024 15:42

Tgt Ion:112 Resp: 491340
Ion Ratio Lower Upper
112 100
64 58.1 49.2 73.8
63 31.1 27.0 40.4

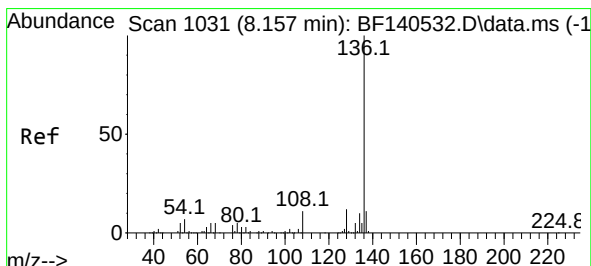
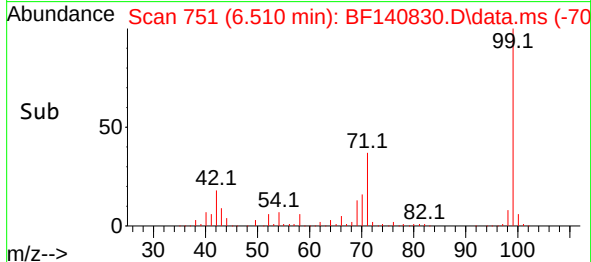
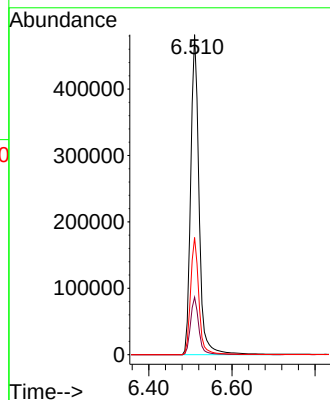
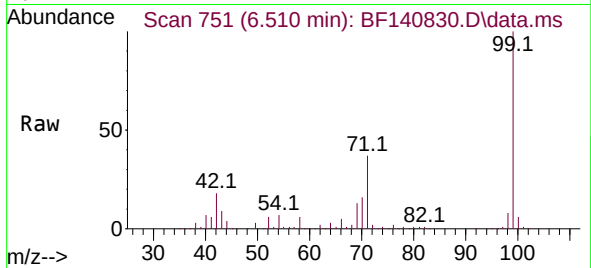




#7
Phenol-d6
Concen: 100.307 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140830.D
Acq: 11 Dec 2024 15:42

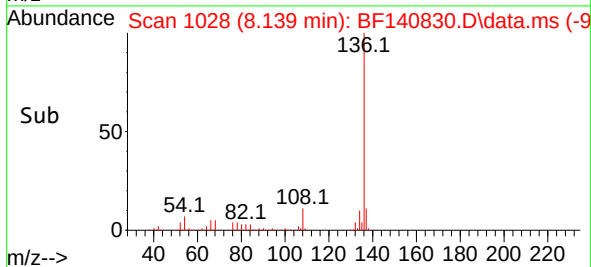
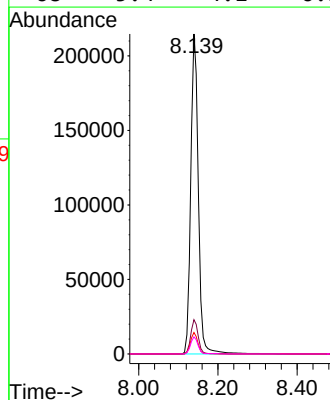
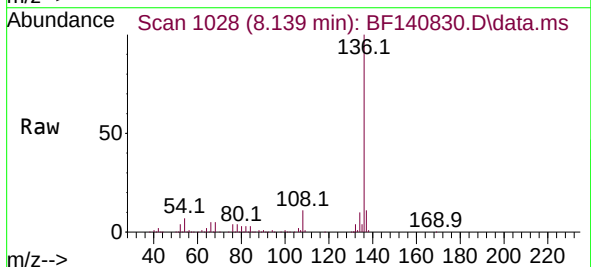
Instrument :
BNA_F
ClientSampleId :
MH-744

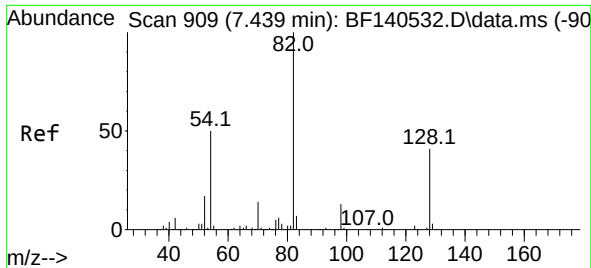
Tgt Ion: 99 Resp: 672371
Ion Ratio Lower Upper
99 100
42 17.9 15.4 23.0
71 36.6 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1028
Delta R.T. -0.018 min
Lab File: BF140830.D
Acq: 11 Dec 2024 15:42

Tgt Ion: 136 Resp: 285272
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 6.7 5.8 8.8
68 5.4 4.1 6.1





#23

Nitrobenzene-d5

Concen: 78.344 ng

RT: 7.428 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF140830.D

Acq: 11 Dec 2024 15:42

Instrument :

BNA_F

ClientSampleId :

MH-744

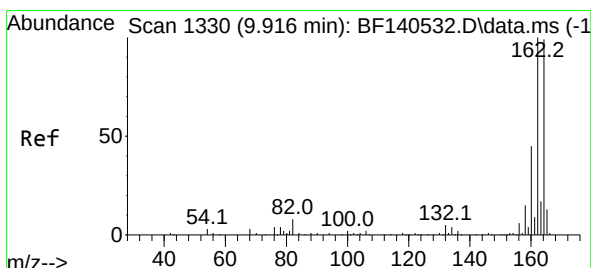
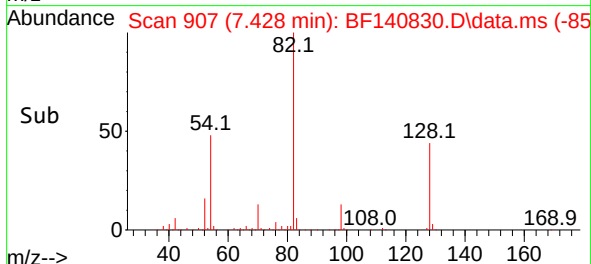
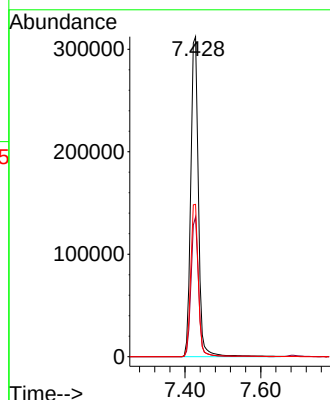
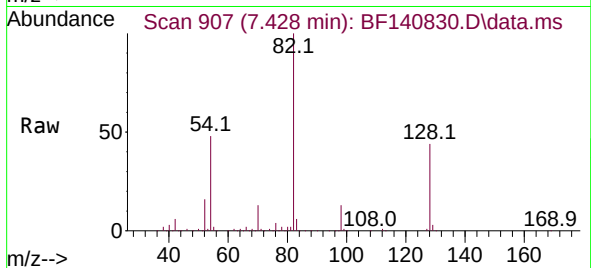
Tgt Ion: 82 Resp: 436934

Ion Ratio Lower Upper

82 100

128 43.7 33.0 49.4

54 47.6 39.5 59.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.018 min

Lab File: BF140830.D

Acq: 11 Dec 2024 15:42

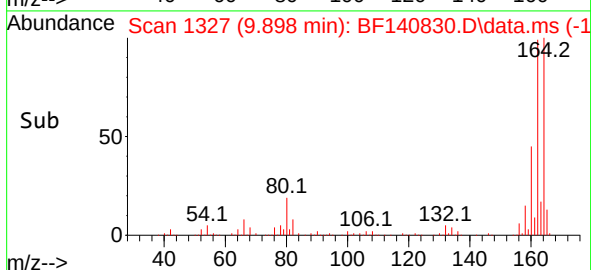
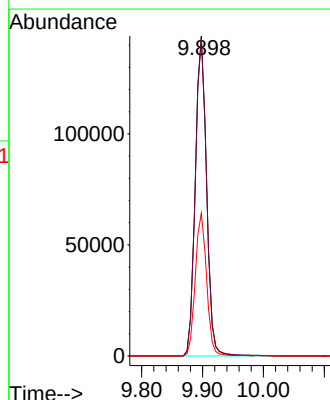
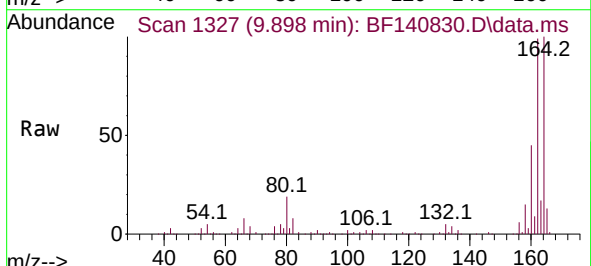
Tgt Ion:164 Resp: 185673

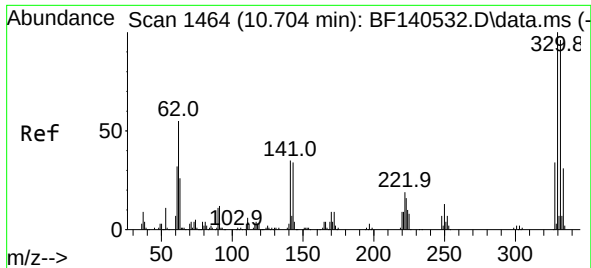
Ion Ratio Lower Upper

164 100

162 99.2 80.6 120.8

160 44.6 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 96.392 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.012 min

Lab File: BF140830.D

Acq: 11 Dec 2024 15:42

Instrument :

BNA_F

ClientSampleId :

MH-744

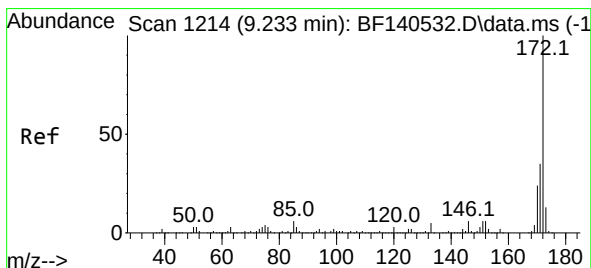
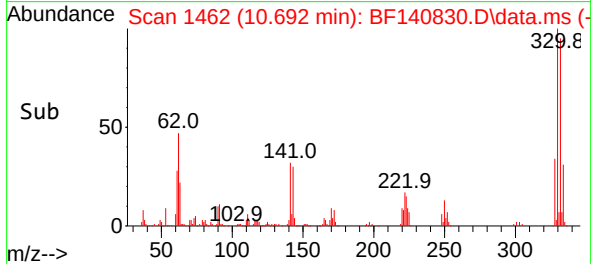
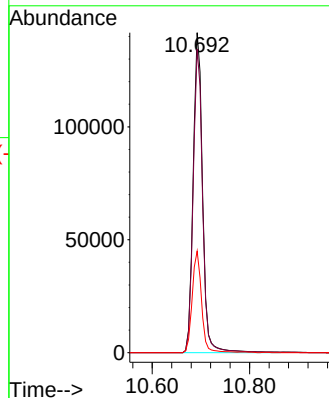
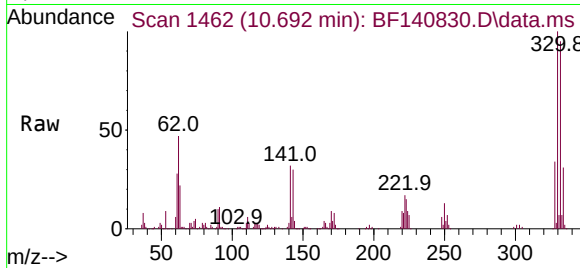
Tgt Ion:330 Resp: 191413

Ion Ratio Lower Upper

330 100

332 95.0 76.9 115.3

141 31.4 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 65.111 ng

RT: 9.216 min Scan# 1211

Delta R.T. -0.018 min

Lab File: BF140830.D

Acq: 11 Dec 2024 15:42

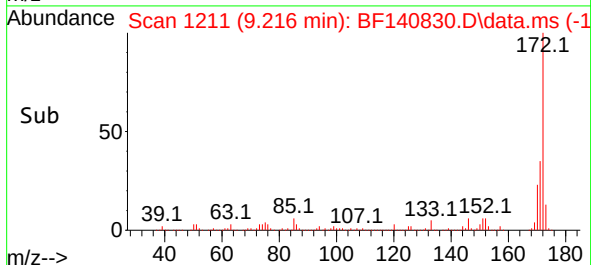
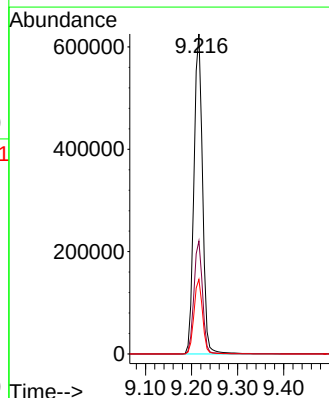
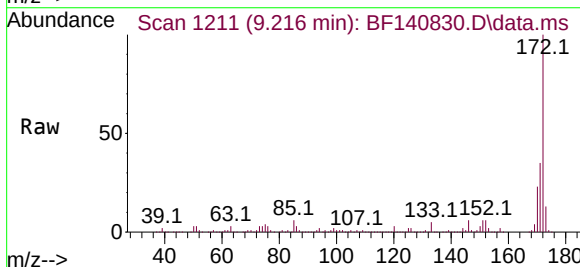
Tgt Ion:172 Resp: 811393

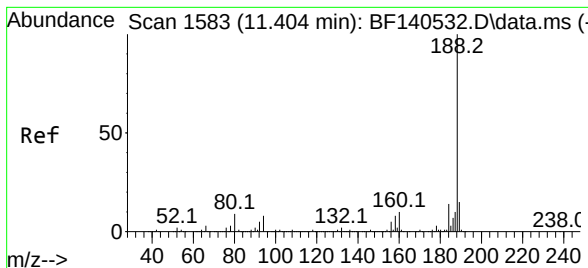
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.3 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140830.D

Acq: 11 Dec 2024 15:42

Instrument :

BNA_F

ClientSampleId :

MH-744

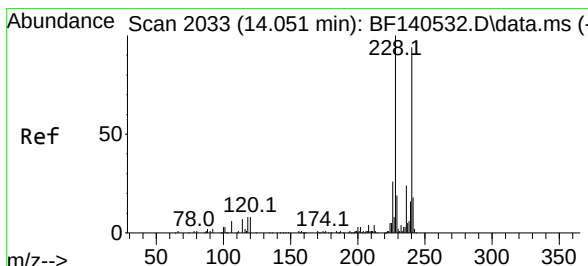
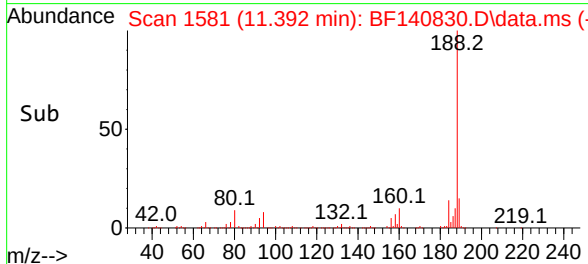
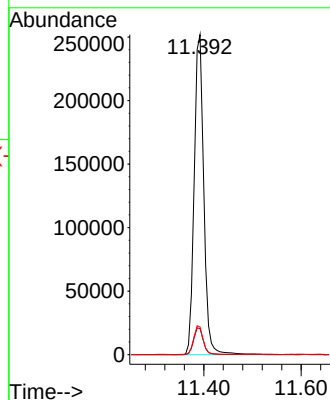
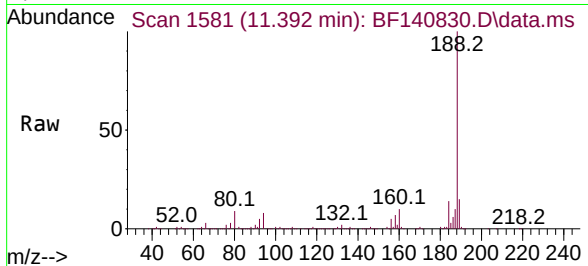
Tgt Ion:188 Resp: 346523

Ion Ratio Lower Upper

188 100

94 8.2 6.4 9.6

80 8.6 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140830.D

Acq: 11 Dec 2024 15:42

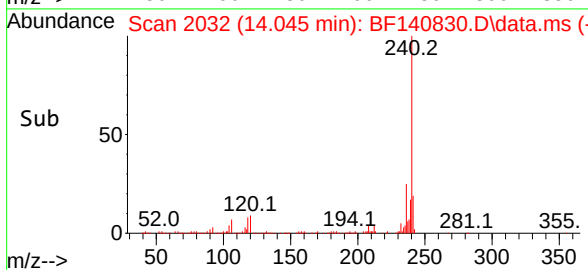
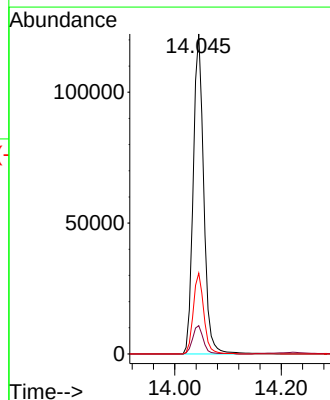
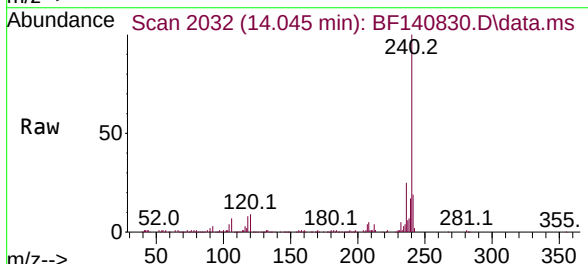
Tgt Ion:240 Resp: 167870

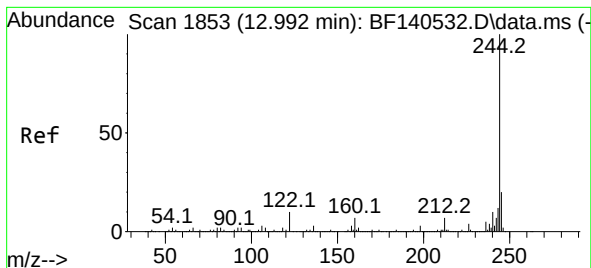
Ion Ratio Lower Upper

240 100

120 8.9 7.3 10.9

236 25.3 20.6 31.0





#79

Terphenyl-d14

Concen: 76.404 ng

RT: 12.974 min Scan# 1850

Delta R.T. -0.018 min

Lab File: BF140830.D

Acq: 11 Dec 2024 15:42

Instrument :

BNA_F

ClientSampleId :

MH-744

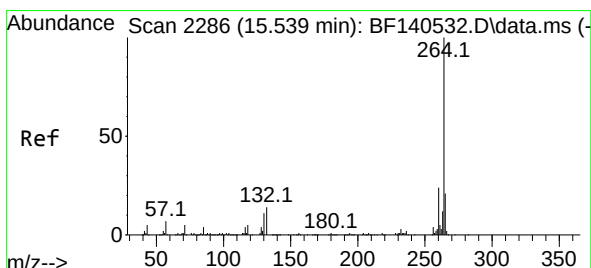
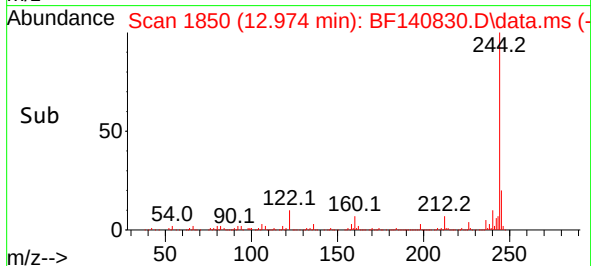
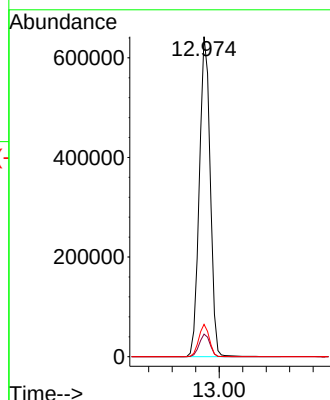
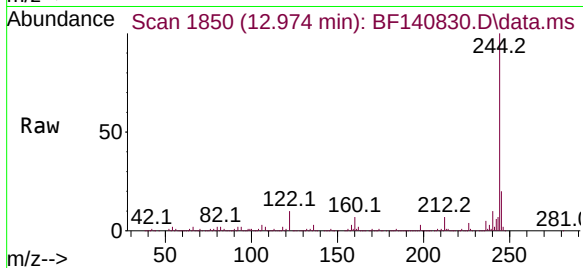
Tgt Ion:244 Resp: 823686

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 10.1 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2287

Delta R.T. 0.006 min

Lab File: BF140830.D

Acq: 11 Dec 2024 15:42

Tgt Ion:264 Resp: 176101

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

265 22.0 16.6 25.0

