

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011525\
 Data File : BF141164.D
 Acq On : 15 Jan 2025 10:00
 Operator : RC/JU
 Sample : PB166052BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166052BL

Quant Time: Jan 15 10:19:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	132008	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	515489	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	274768	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	464918	20.000	ng	0.00
76) Chrysene-d12	13.980	240	373614	20.000	ng	0.00
86) Perylene-d12	15.445	264	307204	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1154532	135.107	ng	0.01
7) Phenol-d6	6.445	99	1420053	131.190	ng	0.00
23) Nitrobenzene-d5	7.381	82	916101	94.204	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	456407	145.780	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1692084	94.039	ng	0.00
79) Terphenyl-d14	12.933	244	2015340	80.174	ng	0.00

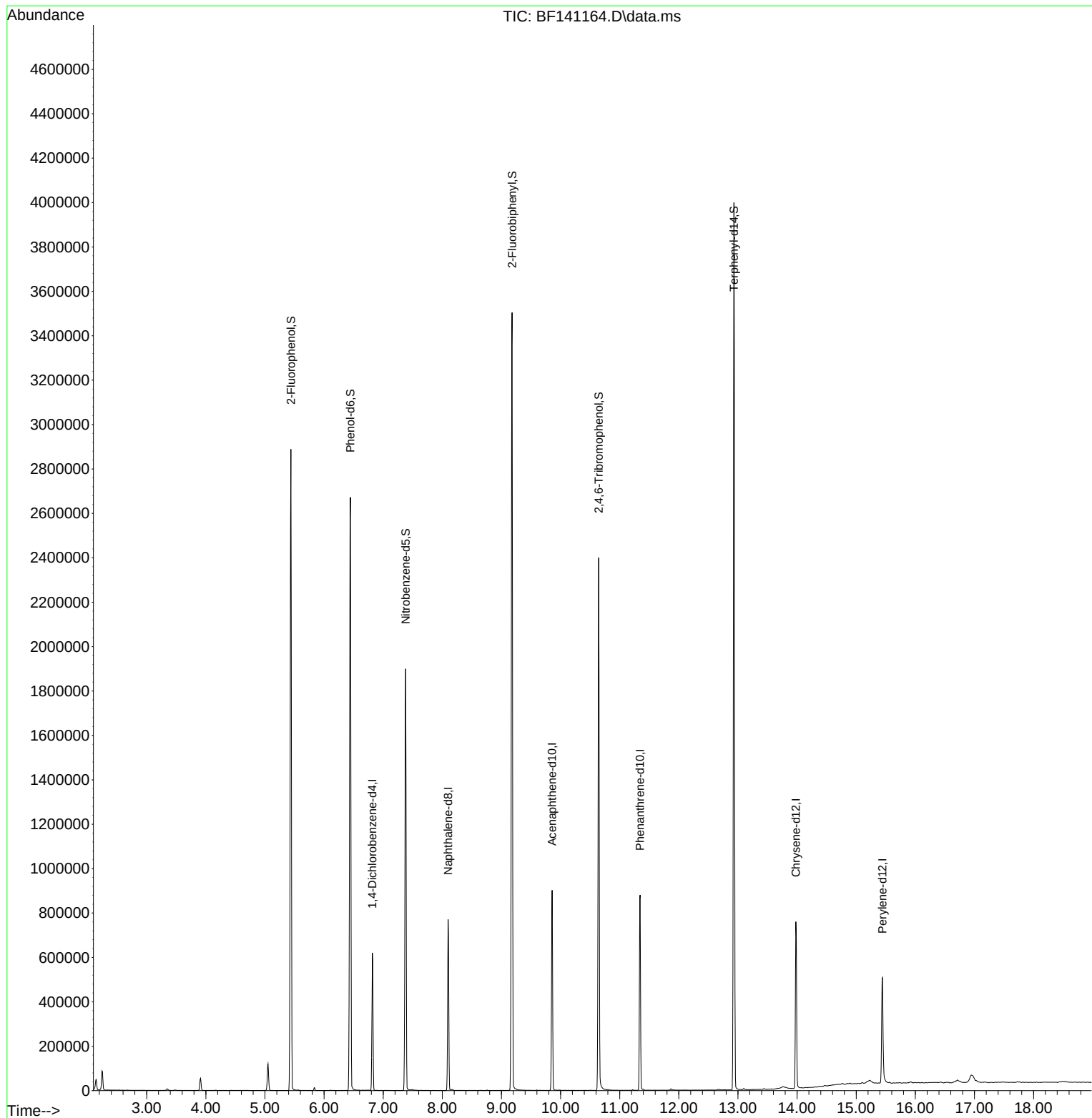
Target Compounds	Qvalue

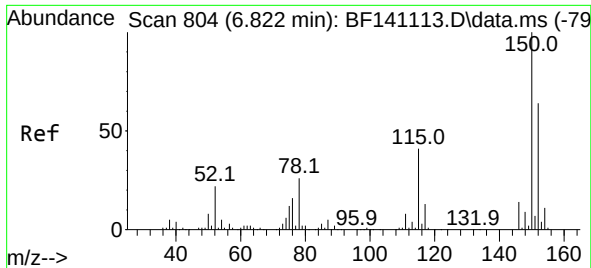
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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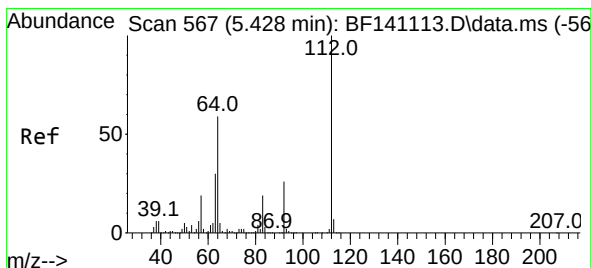
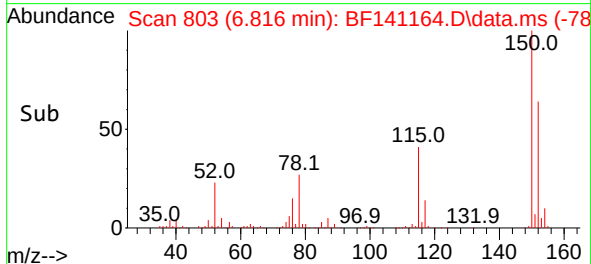
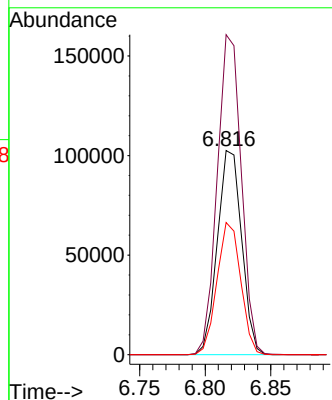
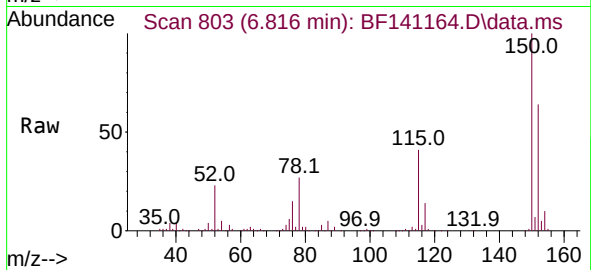




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF141164.D
Acq: 15 Jan 2025 10:00

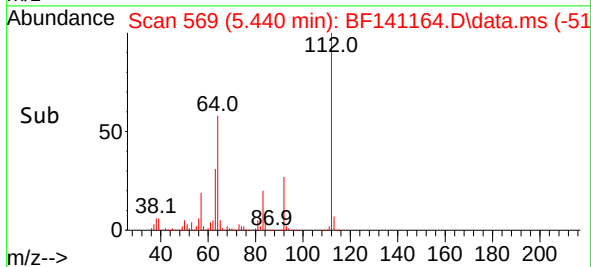
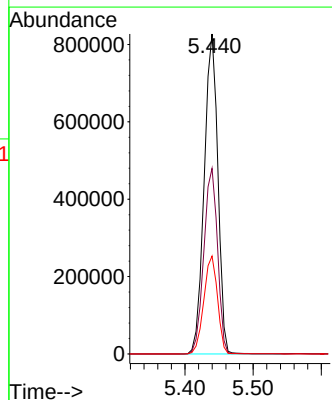
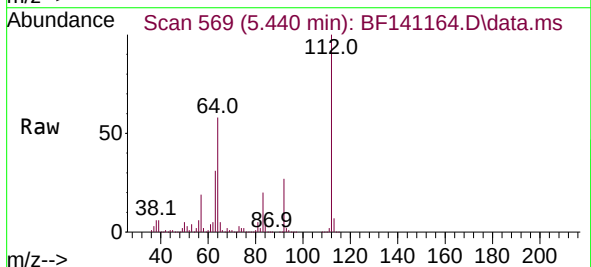
Instrument :
BNA_F
ClientSampleId :
PB166052BL

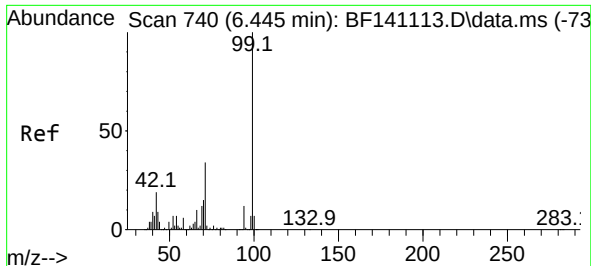
Tgt Ion:152 Resp: 132008
Ion Ratio Lower Upper
152 100
150 156.7 125.8 188.8
115 64.7 51.4 77.2



#5
2-Fluorophenol
Concen: 135.107 ng
RT: 5.440 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF141164.D
Acq: 15 Jan 2025 10:00

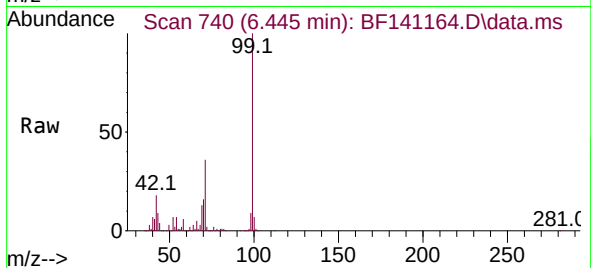
Tgt Ion:112 Resp: 1154532
Ion Ratio Lower Upper
112 100
64 58.0 47.3 70.9
63 30.6 24.2 36.2





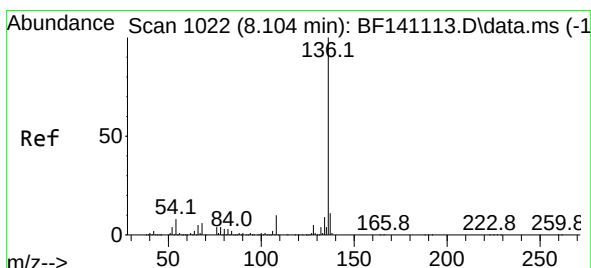
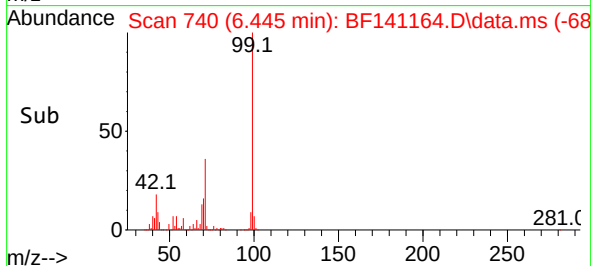
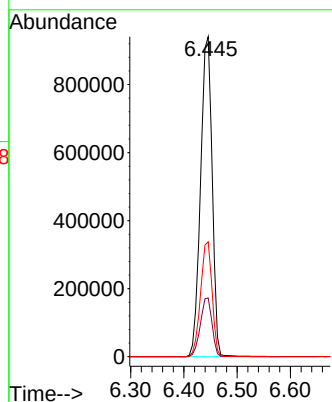
#7
Phenol-d6
Concen: 131.190 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.000 min
Lab File: BF141164.D
Acq: 15 Jan 2025 10:00

Instrument :
BNA_F
ClientSampleId :
PB166052BL



Tgt Ion: 99 Resp: 1420053

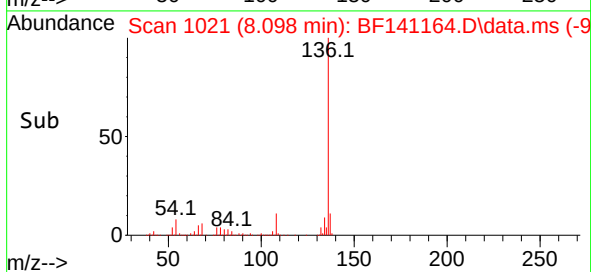
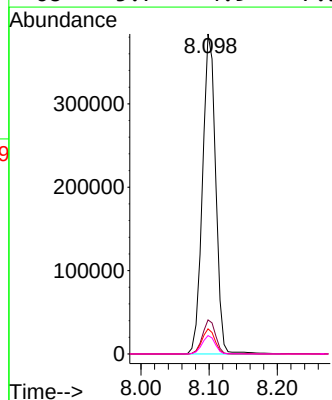
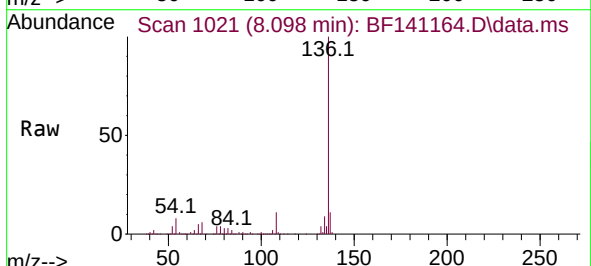
Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.0	22.4
71	35.9	27.6	41.4

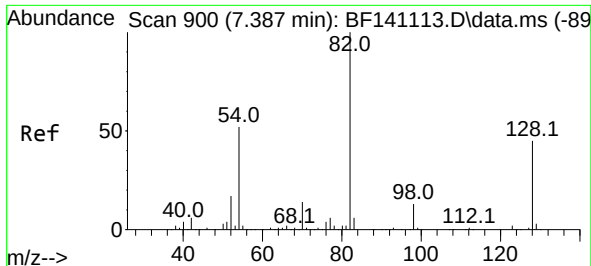


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF141164.D
Acq: 15 Jan 2025 10:00

Tgt Ion: 136 Resp: 515489

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.9	6.3	9.5
68	5.7	4.9	7.3





#23

Nitrobenzene-d5

Concen: 94.204 ng

RT: 7.381 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF141164.D

Acq: 15 Jan 2025 10:00

Instrument :

BNA_F

ClientSampleId :

PB166052BL

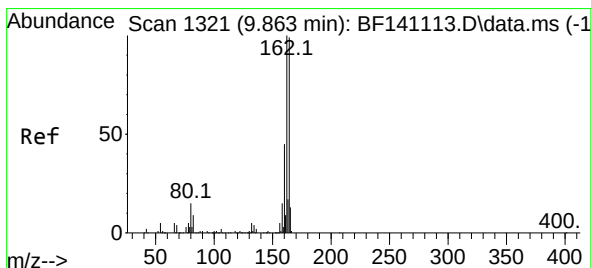
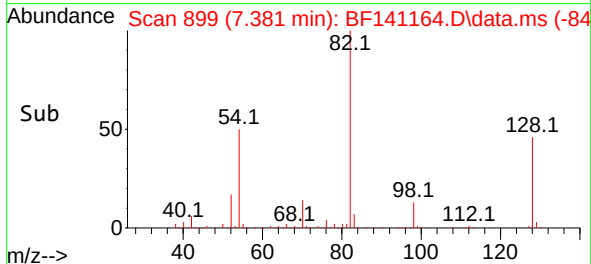
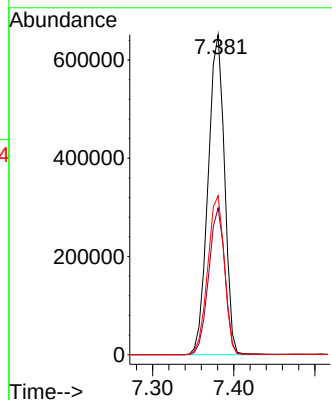
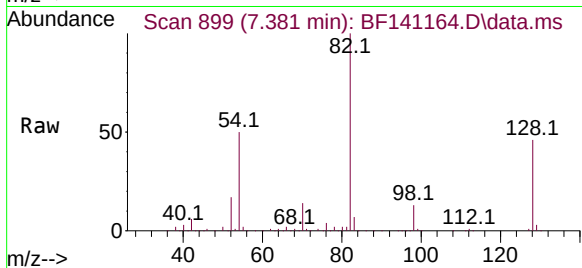
Tgt Ion: 82 Resp: 916101

Ion Ratio Lower Upper

82 100

128 45.9 36.1 54.1

54 49.7 41.0 61.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1320

Delta R.T. -0.006 min

Lab File: BF141164.D

Acq: 15 Jan 2025 10:00

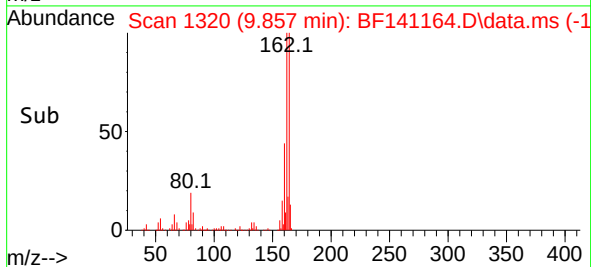
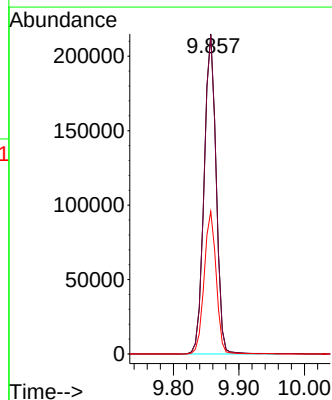
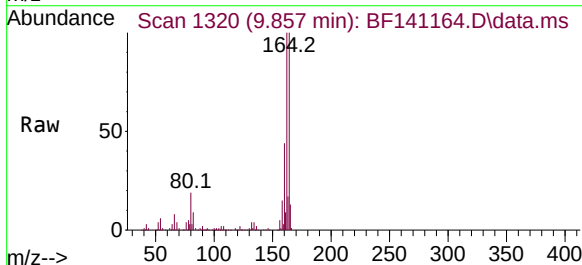
Tgt Ion:164 Resp: 274768

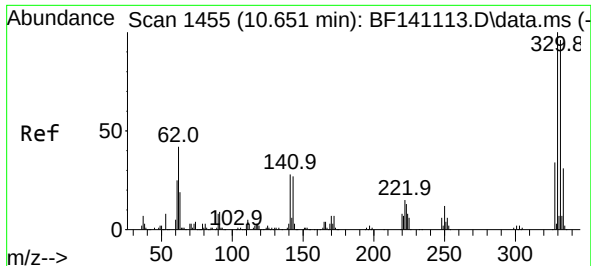
Ion Ratio Lower Upper

164 100

162 99.7 81.0 121.4

160 44.5 36.1 54.1





#42

2,4,6-Tribromophenol

Concen: 145.780 ng

RT: 10.645 min Scan# 1455

Delta R.T. -0.006 min

Lab File: BF141164.D

Acq: 15 Jan 2025 10:00

Instrument :

BNA_F

ClientSampleId :

PB166052BL

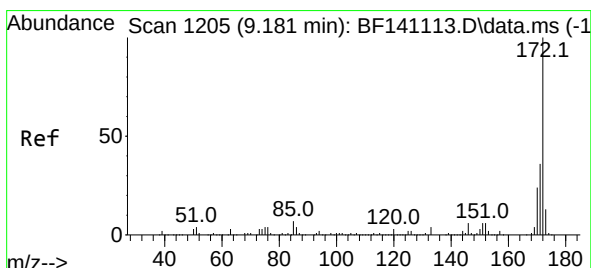
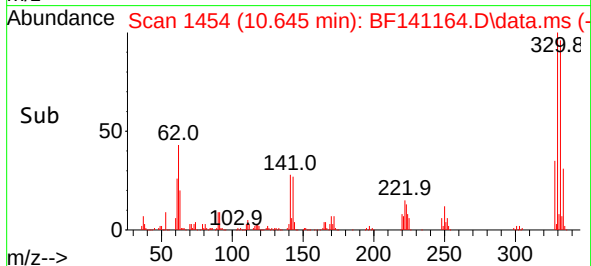
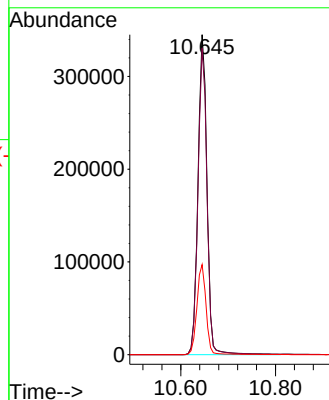
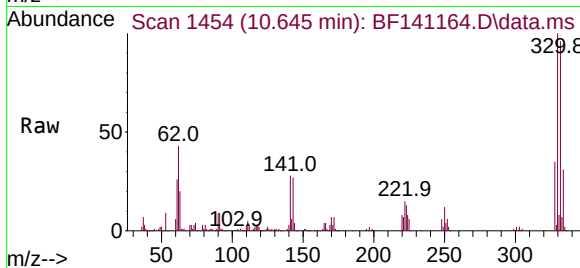
Tgt Ion:330 Resp: 456407

Ion Ratio Lower Upper

330 100

332 96.3 76.9 115.3

141 28.8 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 94.039 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.000 min

Lab File: BF141164.D

Acq: 15 Jan 2025 10:00

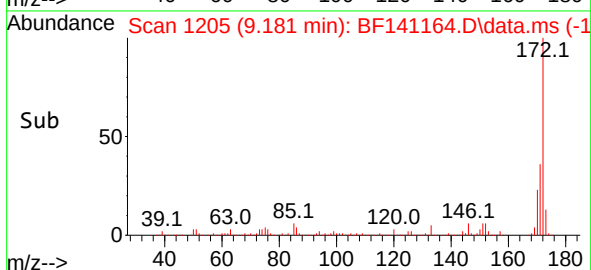
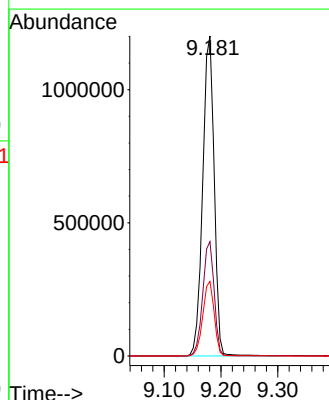
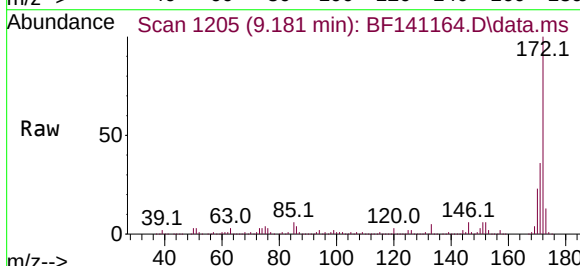
Tgt Ion:172 Resp: 1692084

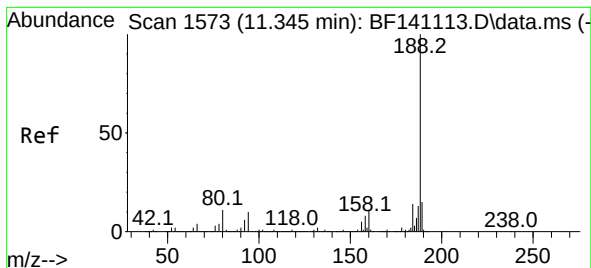
Ion Ratio Lower Upper

172 100

171 35.8 28.7 43.1

170 23.3 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF141164.D

Acq: 15 Jan 2025 10:00

Instrument :

BNA_F

ClientSampleId :

PB166052BL

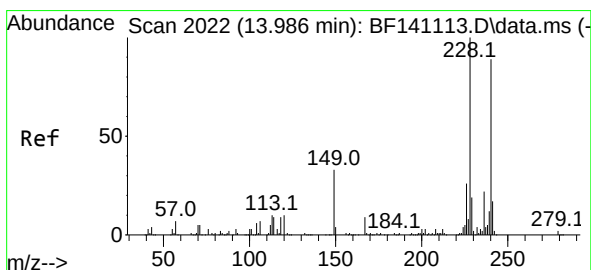
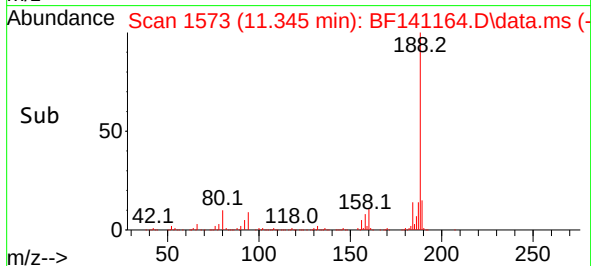
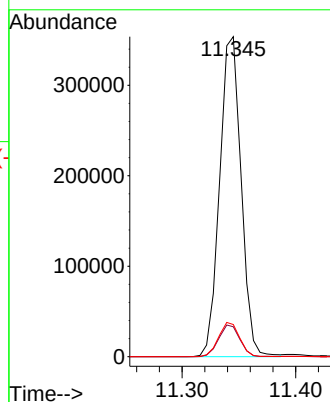
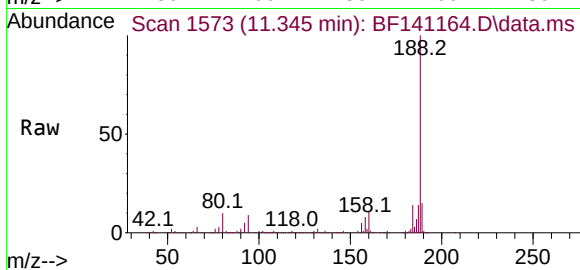
Tgt Ion:188 Resp: 464918

Ion Ratio Lower Upper

188 100

94 9.4 8.3 12.5

80 10.0 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF141164.D

Acq: 15 Jan 2025 10:00

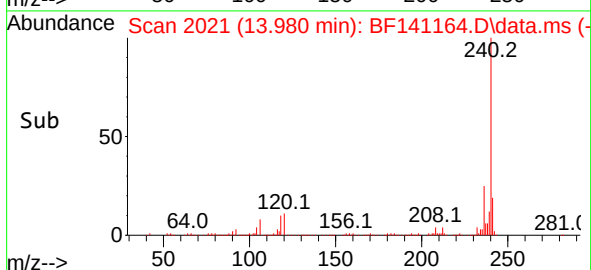
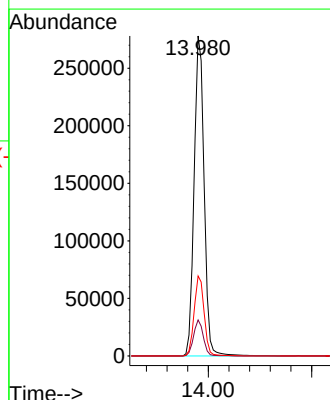
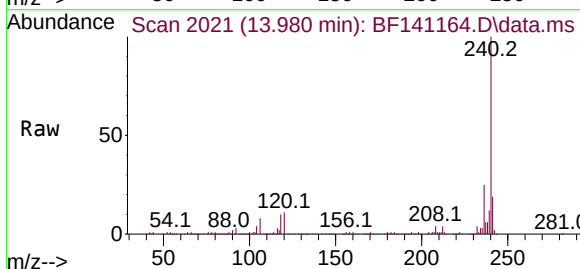
Tgt Ion:240 Resp: 373614

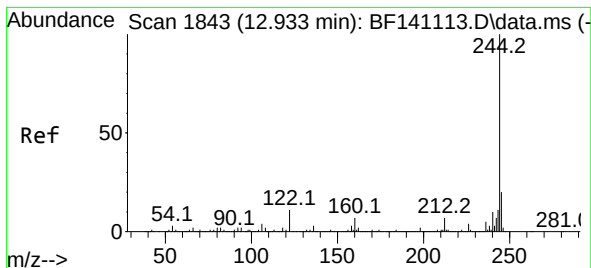
Ion Ratio Lower Upper

240 100

120 11.2 9.1 13.7

236 25.0 19.8 29.6





#79

Terphenyl-d14

Concen: 80.174 ng

RT: 12.933 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141164.D

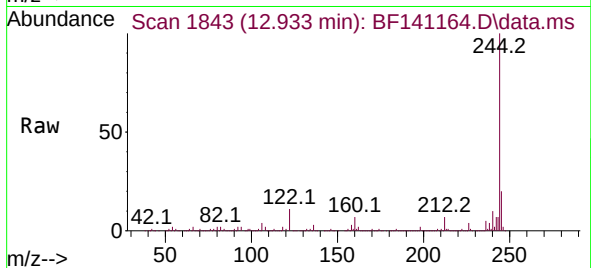
Acq: 15 Jan 2025 10:00

Instrument :

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PB166052BL



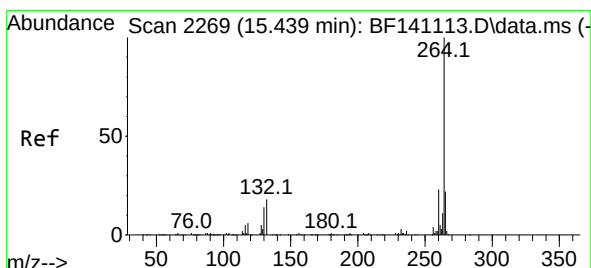
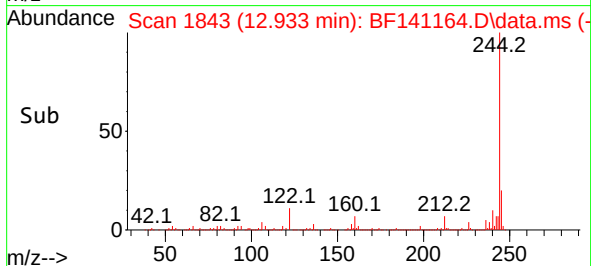
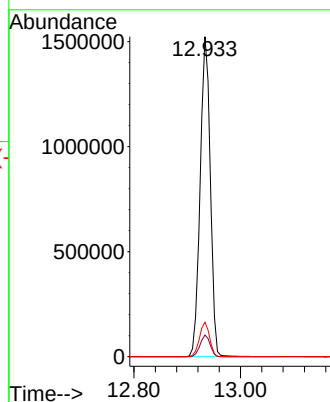
Tgt Ion:244 Resp: 2015340

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 10.8 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2270

Delta R.T. 0.006 min

Lab File: BF141164.D

Acq: 15 Jan 2025 10:00

Tgt Ion:264 Resp: 307204

Ion Ratio Lower Upper

264 100

260 23.4 18.6 28.0

265 21.5 17.4 26.0

