

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011624\
Data File : BF137078.D
Acq On : 16 Jan 2024 14:38
Operator : CG\JU
Sample : PB158434BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB158434BL

Quant Time: Jan 16 15:06:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	79893	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	309398	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	162435	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	310580	20.000	ng	0.00
76) Chrysene-d12	13.974	240	179715	20.000	ng	0.00
86) Perylene-d12	15.463	264	155930	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	731244	142.810	ng	0.02
7) Phenol-d6	6.446	99	904168	136.276	ng	0.00
23) Nitrobenzene-d5	7.351	82	581442	96.164	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	252268	131.868	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1135088	93.987	ng	0.00
79) Terphenyl-d14	12.916	244	1196335	93.027	ng	0.00

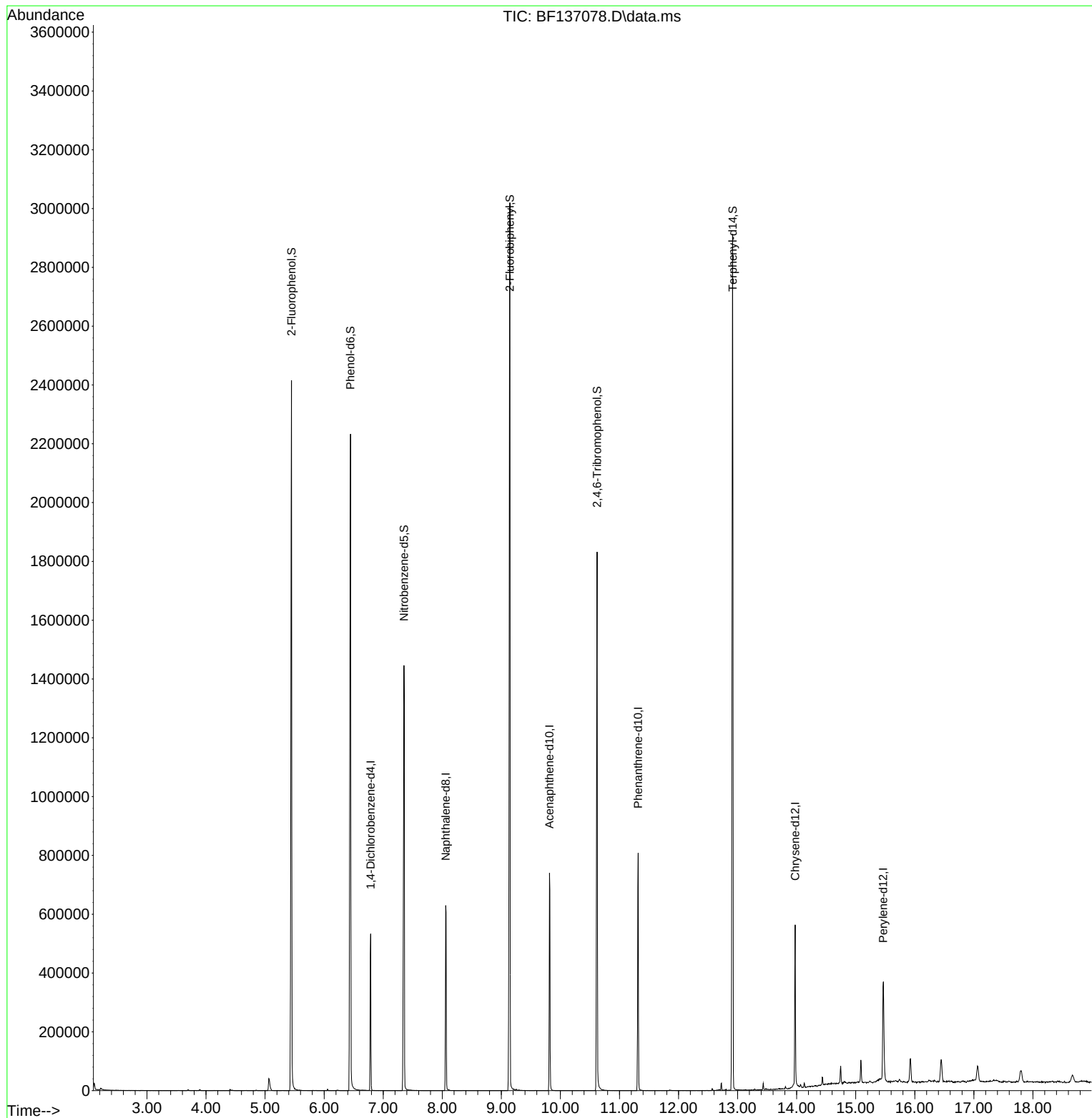
Target Compounds	Qvalue

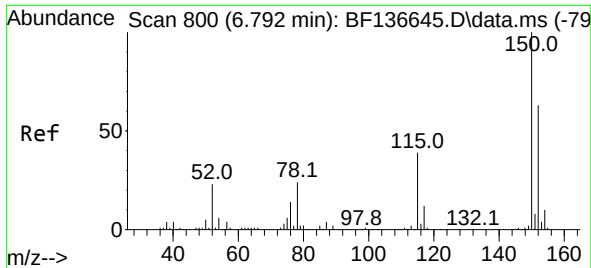
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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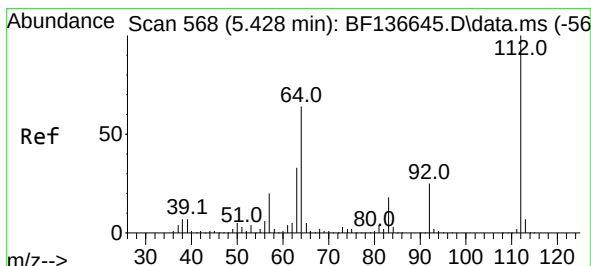
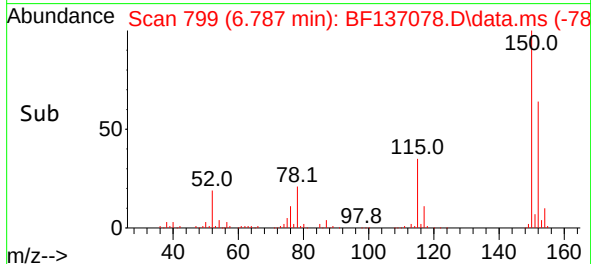
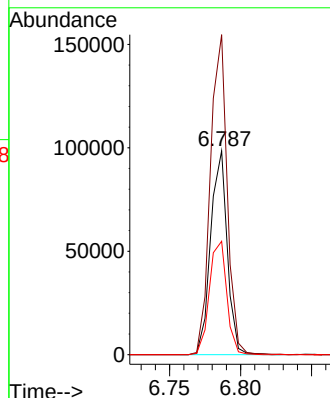
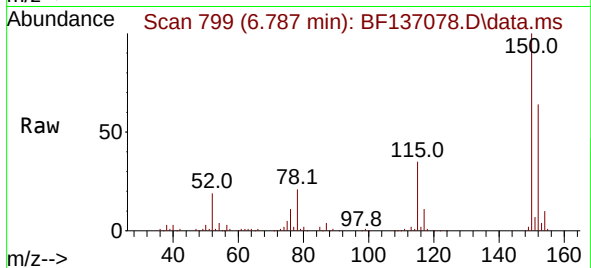




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF137078.D
Acq: 16 Jan 2024 14:38

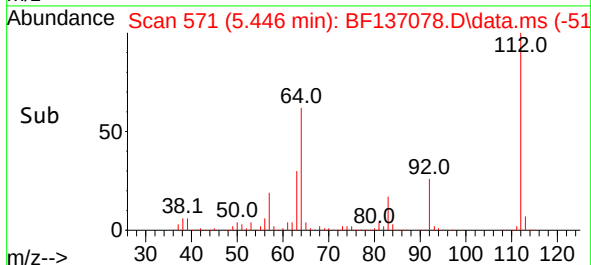
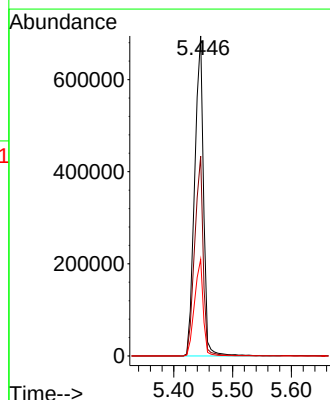
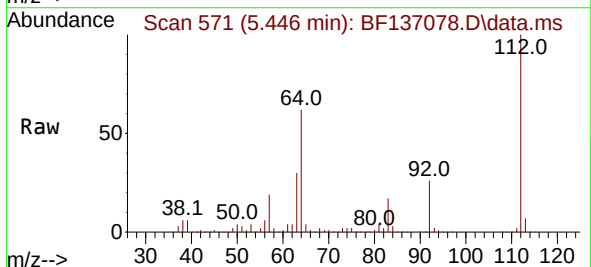
Instrument :
BNA_F
ClientSampleId :
PB158434BL

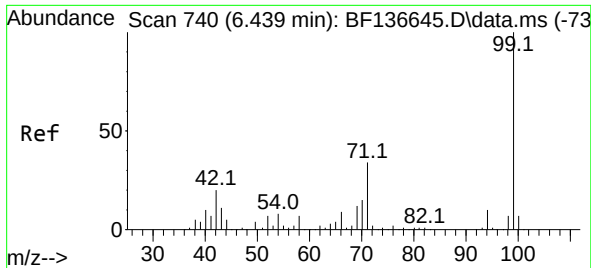
Tgt Ion:152 Resp: 79893
Ion Ratio Lower Upper
152 100
150 157.0 127.0 190.6
115 55.6 49.0 73.4



#5
2-Fluorophenol
Concen: 142.810 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.018 min
Lab File: BF137078.D
Acq: 16 Jan 2024 14:38

Tgt Ion:112 Resp: 731244
Ion Ratio Lower Upper
112 100
64 62.5 51.1 76.7
63 30.2 26.1 39.1





#7

Phenol-d6

Concen: 136.276 ng

RT: 6.446 min Scan# 74

Delta R.T. 0.006 min

Lab File: BF137078.D

Acq: 16 Jan 2024 14:38

Instrument :

BNA_F

ClientSampleId :

PB158434BL

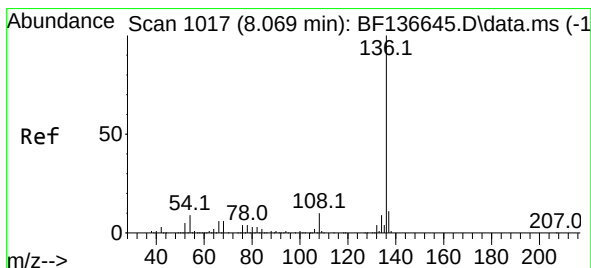
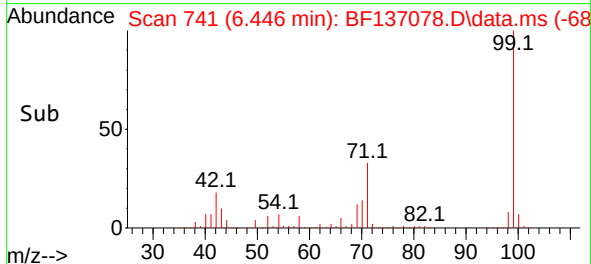
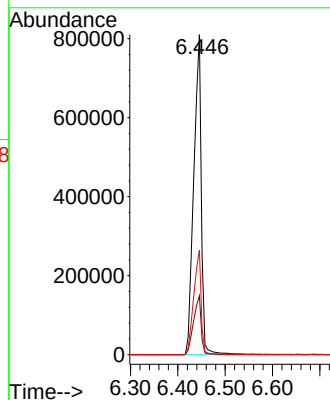
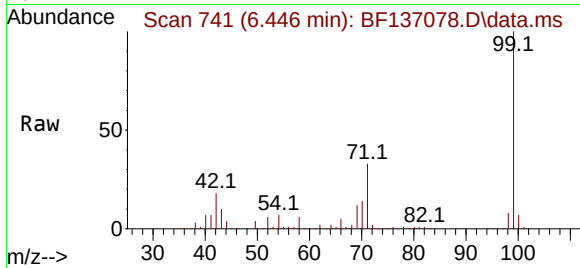
Tgt Ion: 99 Resp: 904168

Ion Ratio Lower Upper

99 100

42 18.4 16.1 24.1

71 32.7 27.4 41.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.012 min

Lab File: BF137078.D

Acq: 16 Jan 2024 14:38

Tgt Ion:136 Resp: 309398

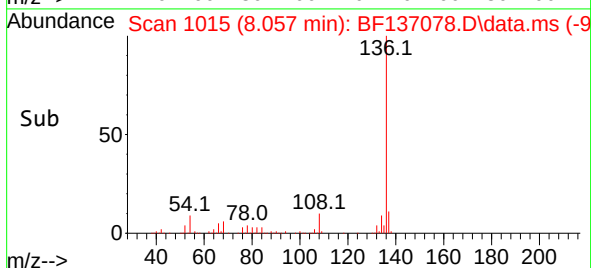
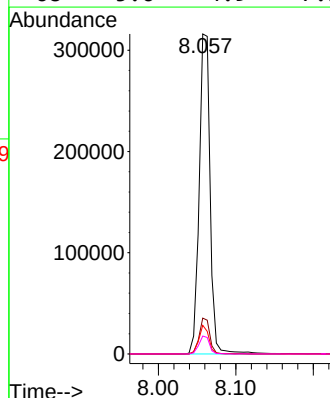
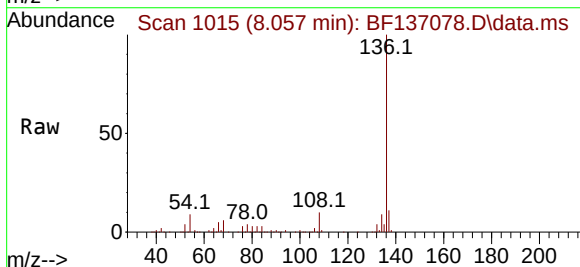
Ion Ratio Lower Upper

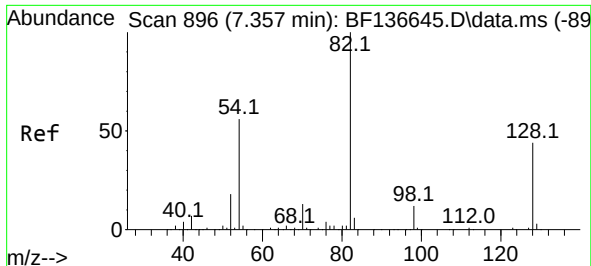
136 100

137 11.2 9.0 13.4

54 9.0 7.2 10.8

68 5.6 4.9 7.3

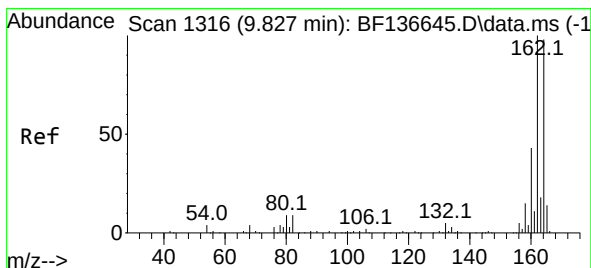
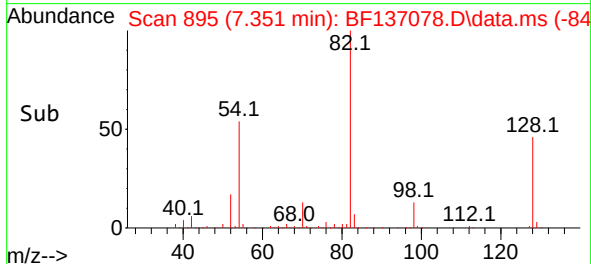
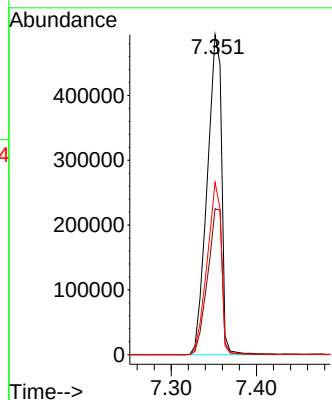
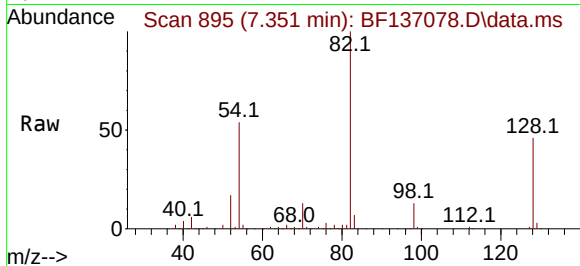




#23
 Nitrobenzene-d5
 Concen: 96.164 ng
 RT: 7.351 min Scan# 896
 Delta R.T. -0.006 min
 Lab File: BF137078.D
 Acq: 16 Jan 2024 14:38

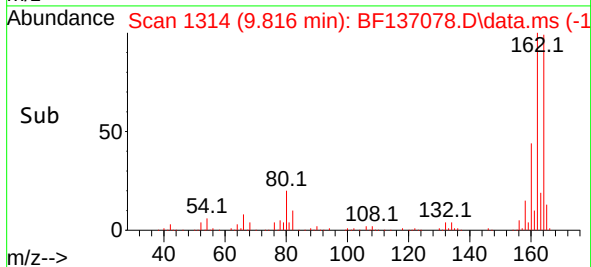
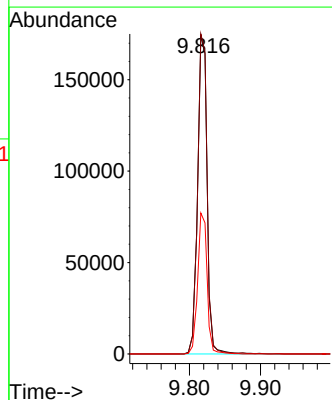
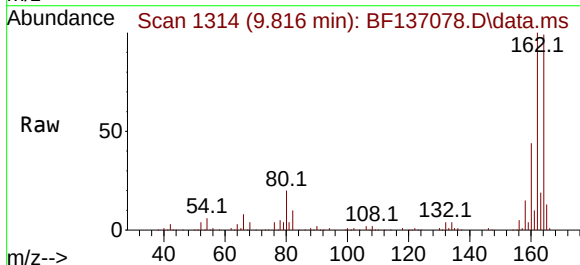
Instrument :
 BNA_F
 ClientSampleId :
 PB158434BL

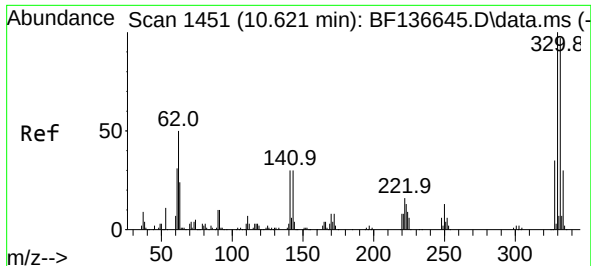
Tgt Ion: 82 Resp: 581442
 Ion Ratio Lower Upper
 82 100
 128 45.6 35.3 52.9
 54 53.9 44.5 66.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.816 min Scan# 1314
 Delta R.T. -0.012 min
 Lab File: BF137078.D
 Acq: 16 Jan 2024 14:38

Tgt Ion:164 Resp: 162435
 Ion Ratio Lower Upper
 164 100
 162 100.6 81.6 122.4
 160 44.3 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 131.868 ng

RT: 10.622 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF137078.D

Acq: 16 Jan 2024 14:38

Instrument :

BNA_F

ClientSampleId :

PB158434BL

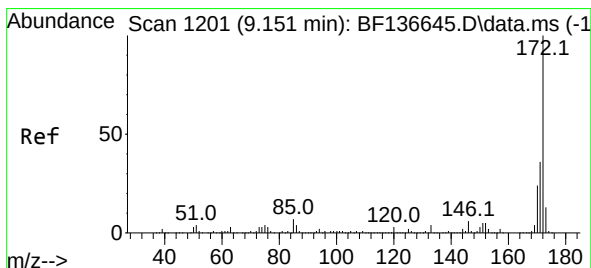
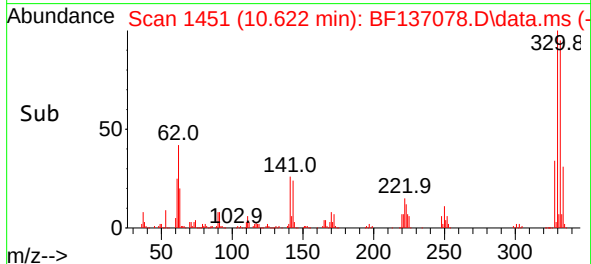
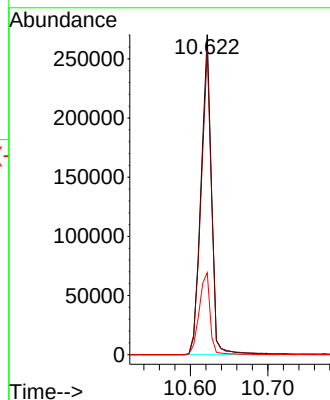
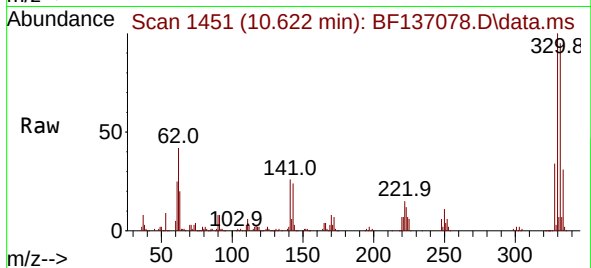
Tgt Ion:330 Resp: 252268

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.0

141 26.9 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 93.987 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF137078.D

Acq: 16 Jan 2024 14:38

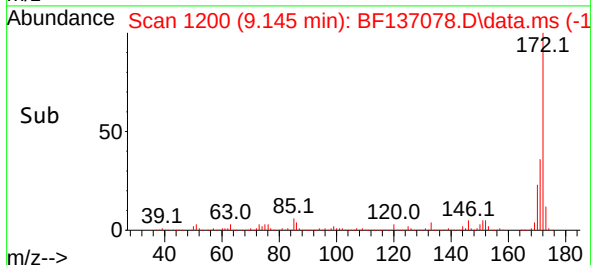
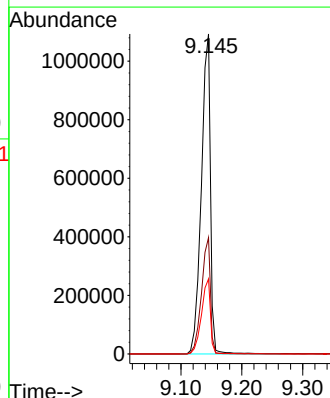
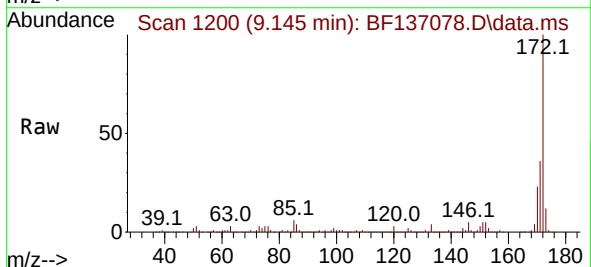
Tgt Ion:172 Resp: 1135088

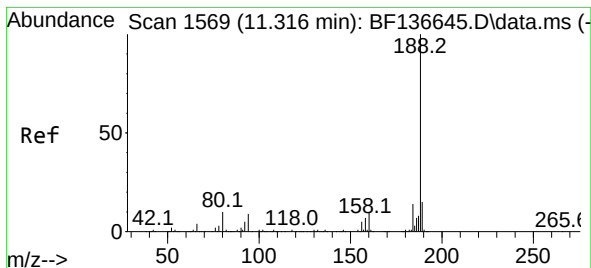
Ion Ratio Lower Upper

172 100

171 36.3 29.0 43.6

170 23.4 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137078.D

Acq: 16 Jan 2024 14:38

Instrument :

BNA_F

ClientSampleId :

PB158434BL

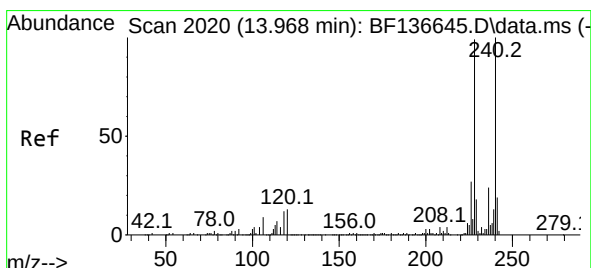
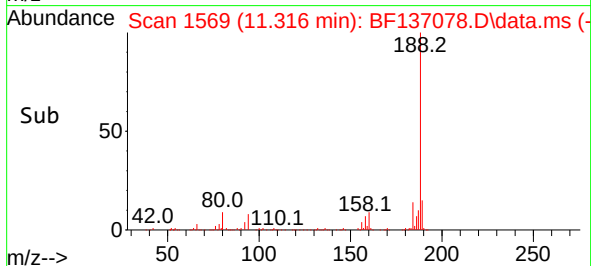
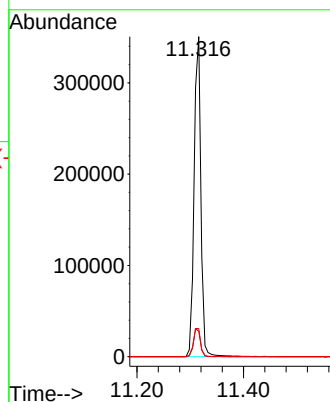
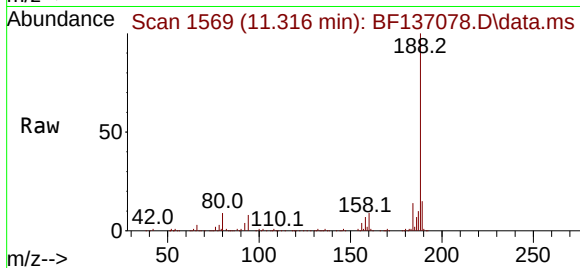
Tgt Ion:188 Resp: 310580

Ion Ratio Lower Upper

188 100

94 8.0 7.5 11.3

80 8.8 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.006 min

Lab File: BF137078.D

Acq: 16 Jan 2024 14:38

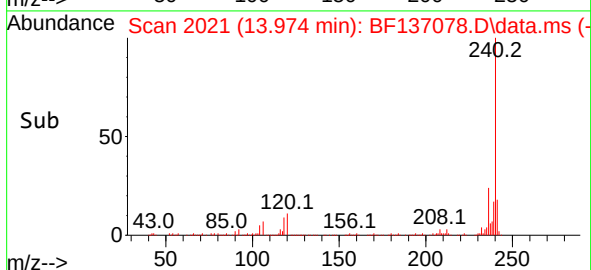
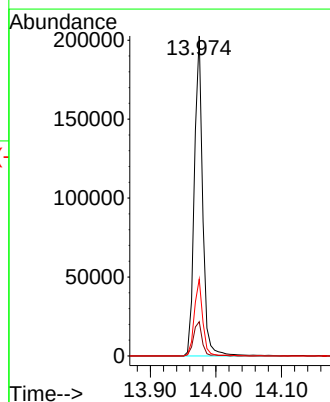
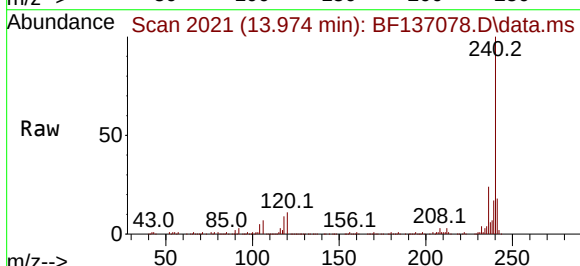
Tgt Ion:240 Resp: 179715

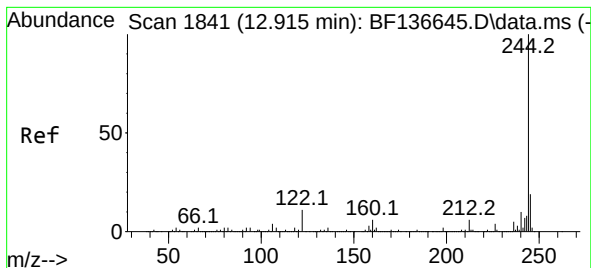
Ion Ratio Lower Upper

240 100

120 10.7 10.3 15.5

236 24.0 19.4 29.2





#79

Terphenyl-d14

Concen: 93.027 ng

RT: 12.916 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137078.D

Acq: 16 Jan 2024 14:38

Instrument :

BNA_F

ClientSampleId :

PB158434BL

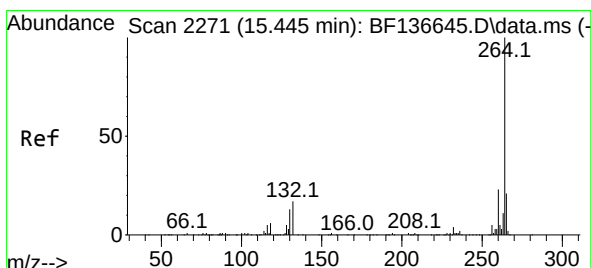
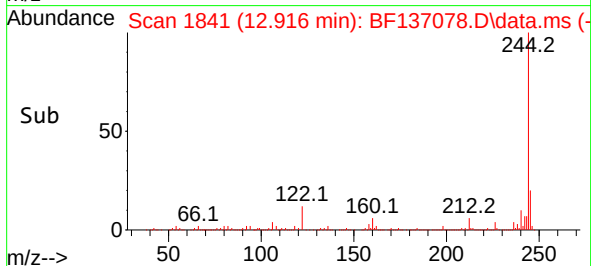
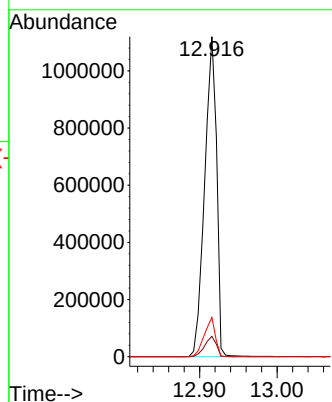
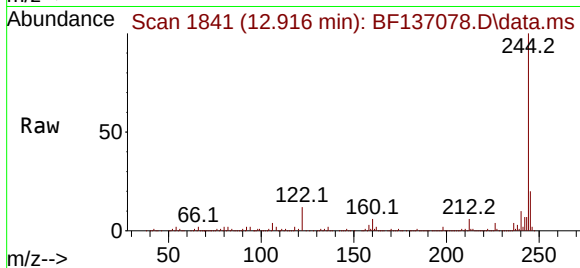
Tgt Ion:244 Resp: 1196335

Ion Ratio Lower Upper

244 100

212 6.4 5.0 7.4

122 12.3 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 2274

Delta R.T. 0.018 min

Lab File: BF137078.D

Acq: 16 Jan 2024 14:38

Tgt Ion:264 Resp: 155930

Ion Ratio Lower Upper

264 100

260 23.1 18.3 27.5

265 21.0 17.0 25.6

