

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011524\
 Data File : BF137059.D
 Acq On : 15 Jan 2024 11:34
 Operator : CG\JU
 Sample : PB158388TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158388TB

Quant Time: Jan 15 12:16:03 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	6.781	152	57912	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	224298	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	116915	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	229318	20.000	ng	0.00
76) Chrysene-d12	13.969	240	123486	20.000	ng	0.00
86) Perylene-d12	15.463	264	111877	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	463778	124.953	ng	0.01
7) Phenol-d6	6.440	99	573502	119.247	ng	0.00
23) Nitrobenzene-d5	7.351	82	363260	82.874	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	169072	122.789	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	747999	86.049	ng	-0.01
79) Terphenyl-d14	12.910	244	821118	92.924	ng	0.00

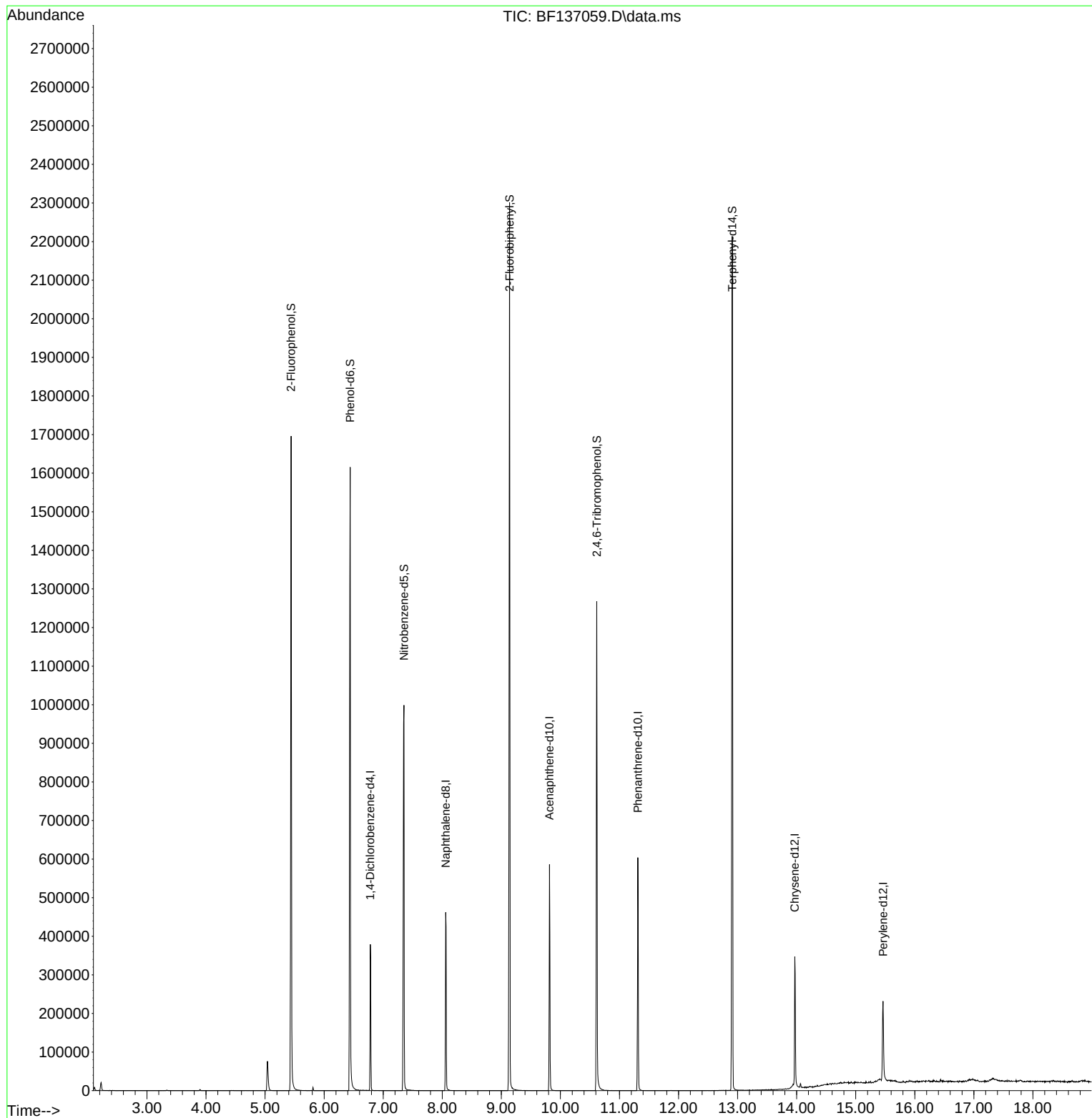
Target Compounds	Qvalue

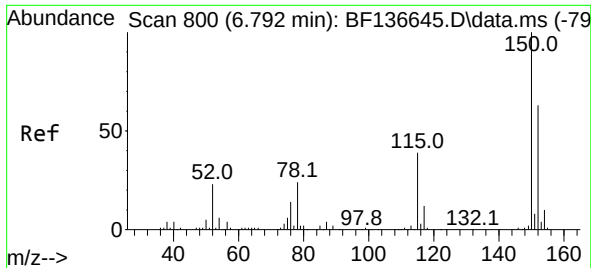
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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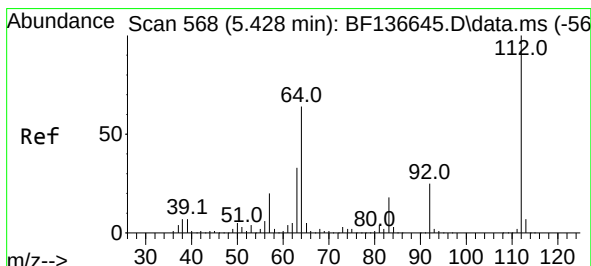
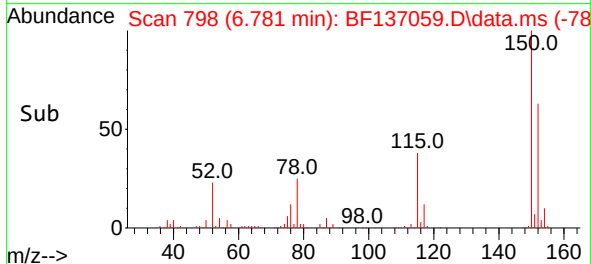
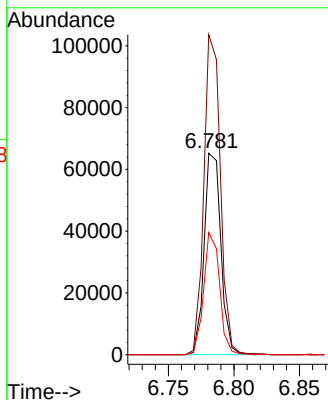
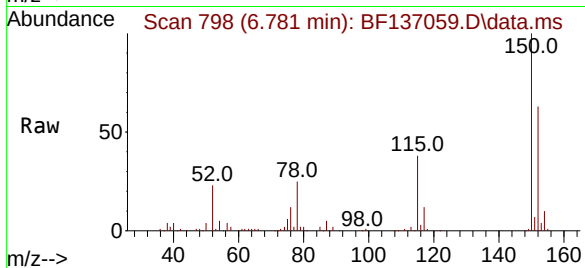




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF137059.D
Acq: 15 Jan 2024 11:34

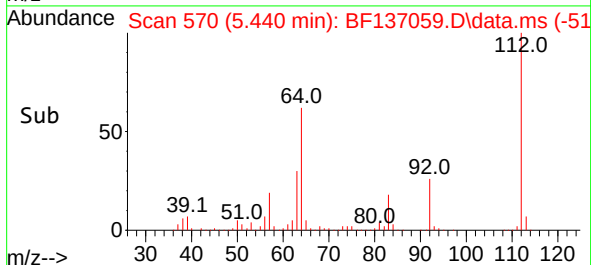
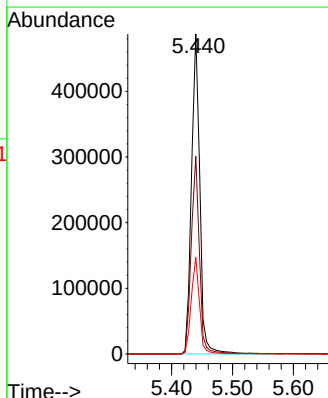
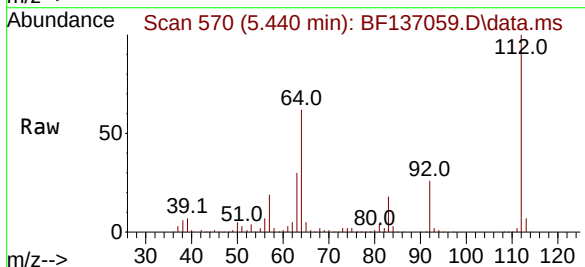
Instrument :
BNA_F
ClientSampleId :
PB158388TB

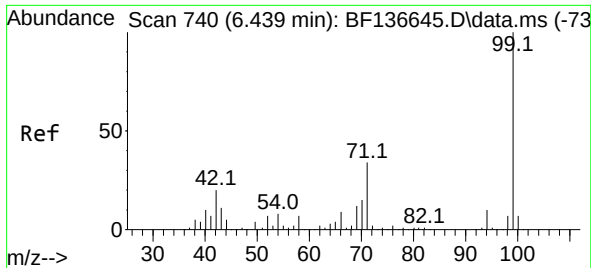
Tgt Ion:152 Resp: 57912
Ion Ratio Lower Upper
152 100
150 158.9 127.0 190.6
115 60.7 49.0 73.4



#5
2-Fluorophenol
Concen: 124.953 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.012 min
Lab File: BF137059.D
Acq: 15 Jan 2024 11:34

Tgt Ion:112 Resp: 463778
Ion Ratio Lower Upper
112 100
64 61.8 51.1 76.7
63 30.1 26.1 39.1





#7

Phenol-d6

Concen: 119.247 ng

RT: 6.440 min Scan# 74

Delta R.T. 0.000 min

Lab File: BF137059.D

Acq: 15 Jan 2024 11:34

Instrument :

BNA_F

ClientSampleId :

PB158388TB

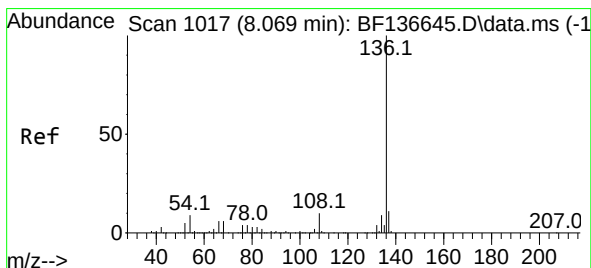
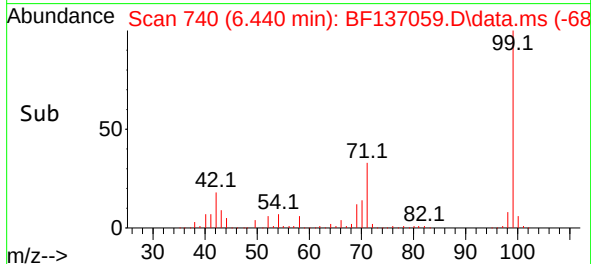
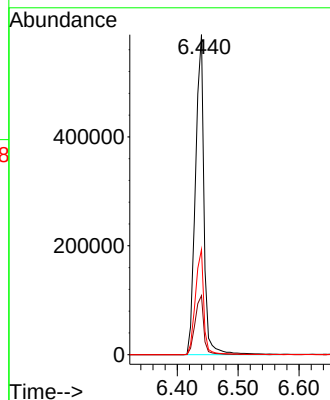
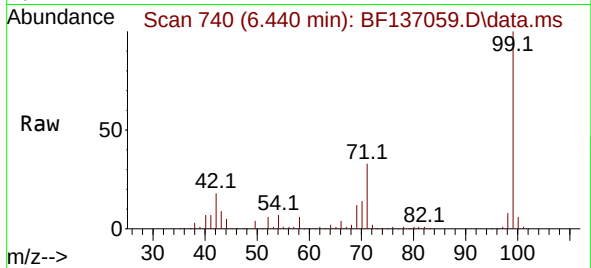
Tgt Ion: 99 Resp: 573502

Ion Ratio Lower Upper

99 100

42 18.5 16.1 24.1

71 32.9 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: BF137059.D

Acq: 15 Jan 2024 11:34

Tgt Ion:136 Resp: 224298

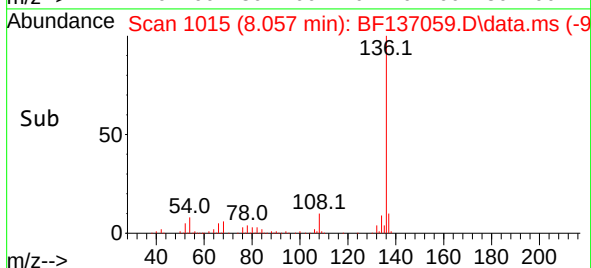
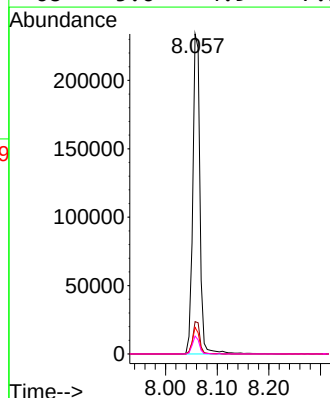
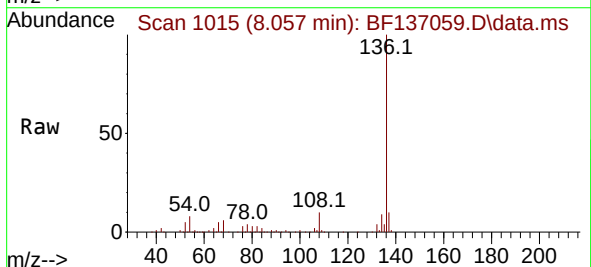
Ion Ratio Lower Upper

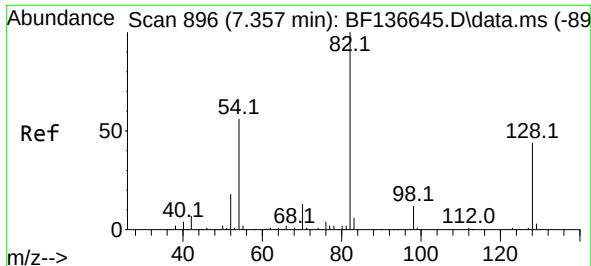
136 100

137 10.1 9.0 13.4

54 8.3 7.2 10.8

68 5.6 4.9 7.3





#23

Nitrobenzene-d5

Concen: 82.874 ng

RT: 7.351 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF137059.D

Acq: 15 Jan 2024 11:34

Instrument :

BNA_F

ClientSampleId :

PB158388TB

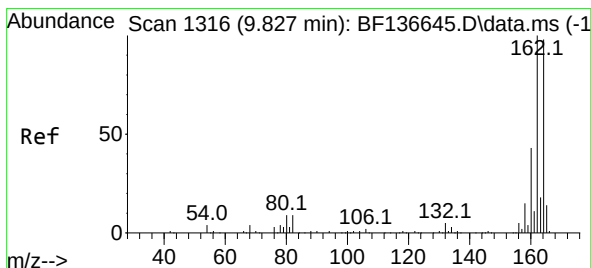
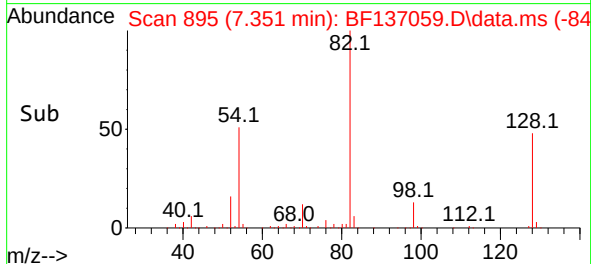
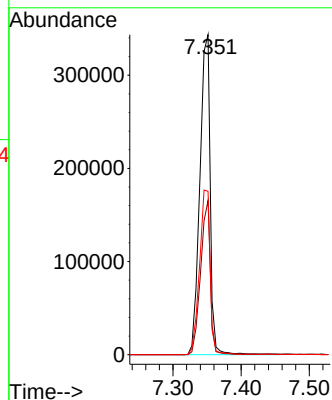
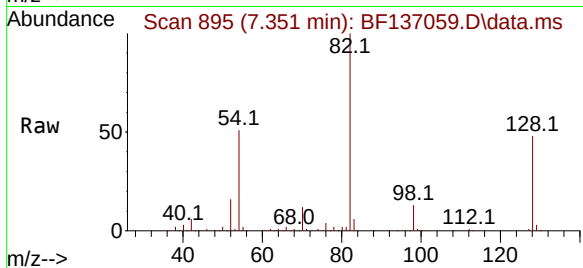
Tgt Ion: 82 Resp: 363260

Ion Ratio Lower Upper

82 100

128 48.2 35.3 52.9

54 51.1 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: BF137059.D

Acq: 15 Jan 2024 11:34

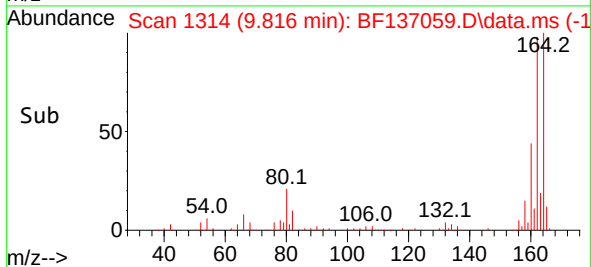
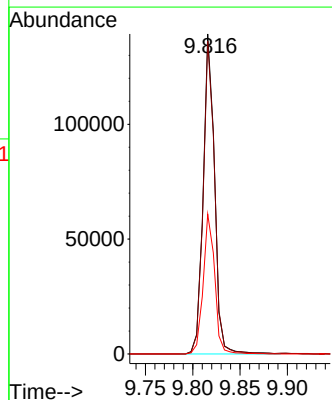
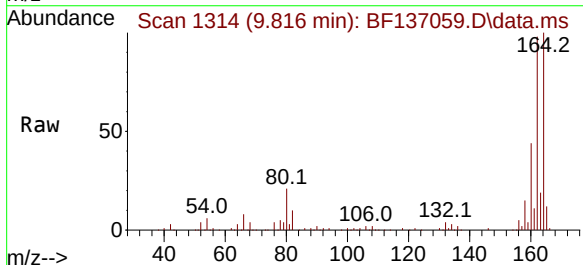
Tgt Ion:164 Resp: 116915

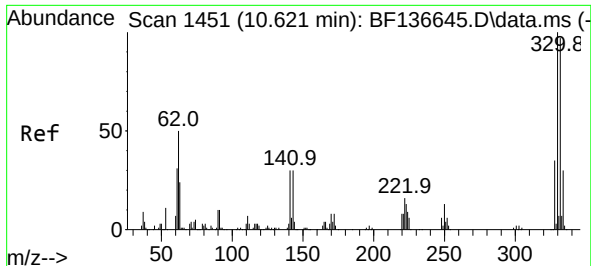
Ion Ratio Lower Upper

164 100

162 97.7 81.6 122.4

160 43.7 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 122.789 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF137059.D

Acq: 15 Jan 2024 11:34

Instrument :

BNA_F

ClientSampleId :

PB158388TB

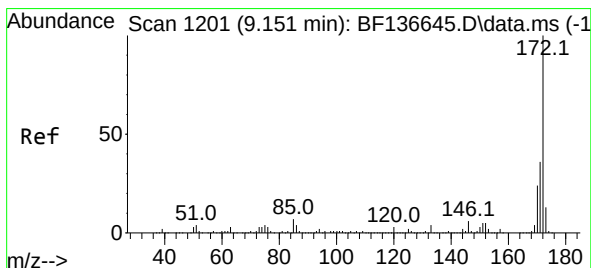
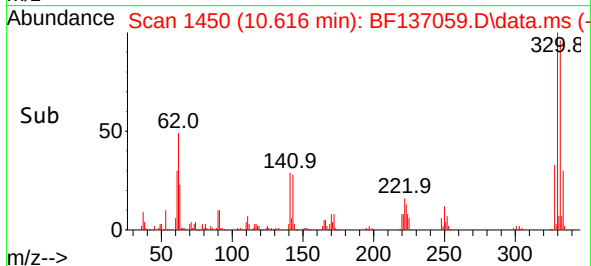
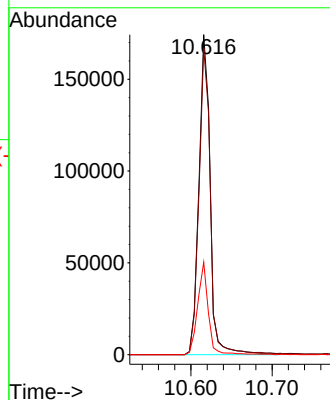
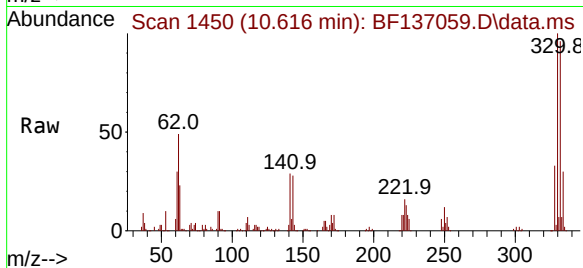
Tgt Ion:330 Resp: 169072

Ion Ratio Lower Upper

330 100

332 97.6 77.4 116.0

141 27.3 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 86.049 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF137059.D

Acq: 15 Jan 2024 11:34

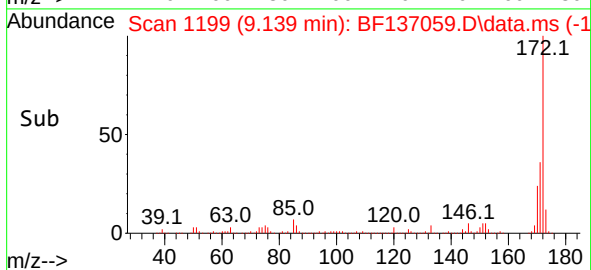
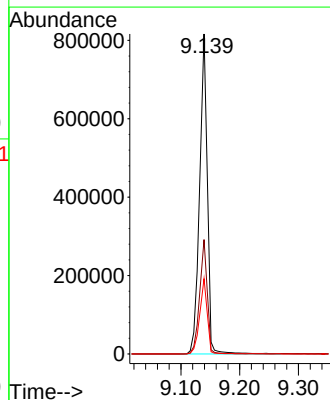
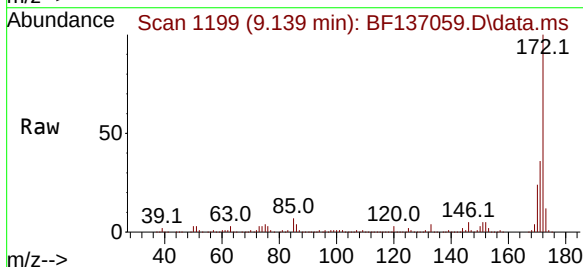
Tgt Ion:172 Resp: 747999

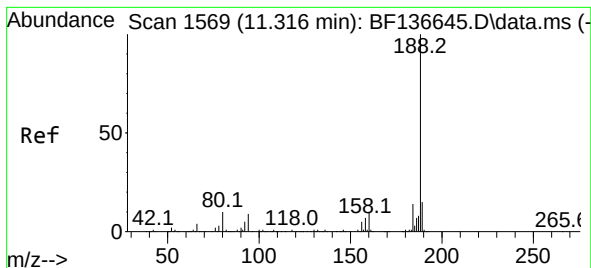
Ion Ratio Lower Upper

172 100

171 35.8 29.0 43.6

170 23.5 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137059.D

Acq: 15 Jan 2024 11:34

Instrument :

BNA_F

ClientSampleId :

PB158388TB

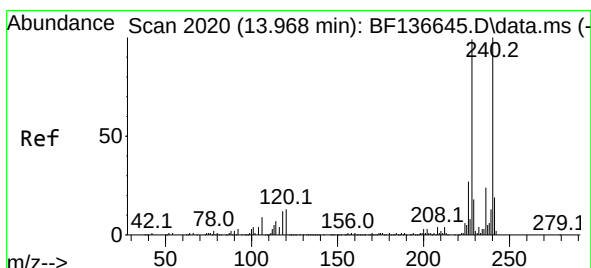
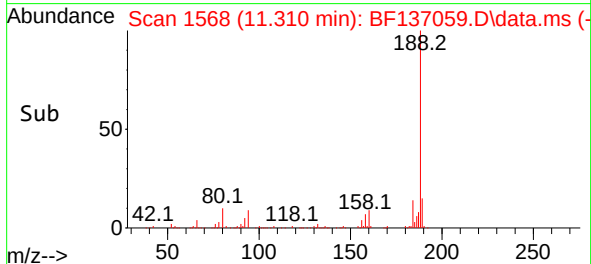
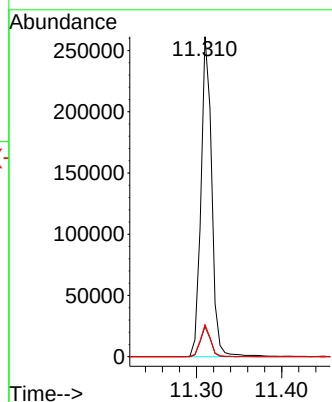
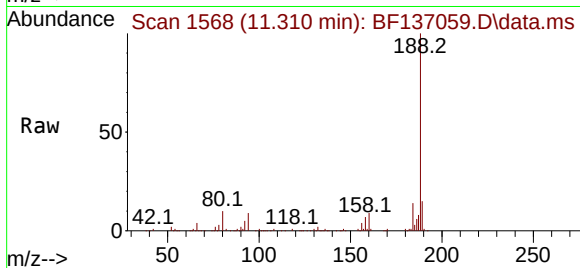
Tgt Ion:188 Resp: 229318

Ion Ratio Lower Upper

188 100

94 9.4 7.5 11.3

80 10.0 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF137059.D

Acq: 15 Jan 2024 11:34

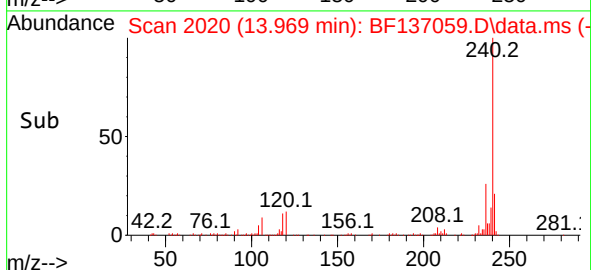
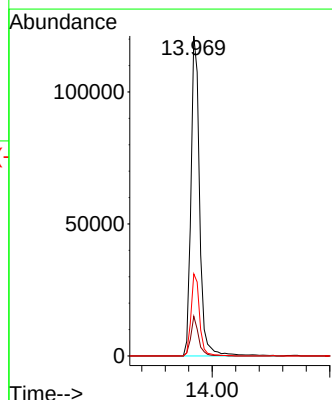
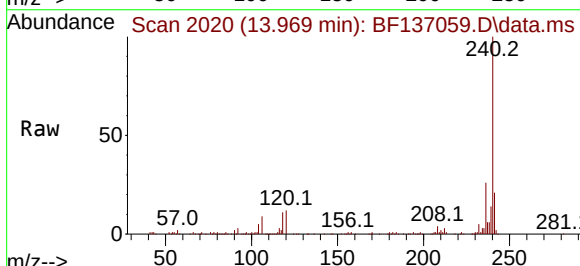
Tgt Ion:240 Resp: 123486

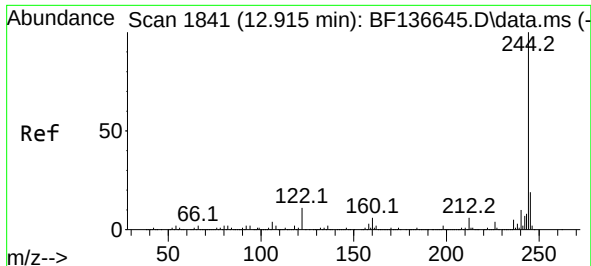
Ion Ratio Lower Upper

240 100

120 12.4 10.3 15.5

236 25.7 19.4 29.2

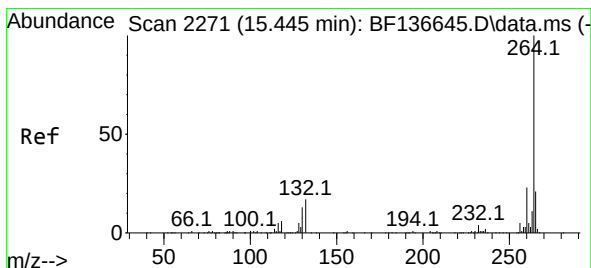
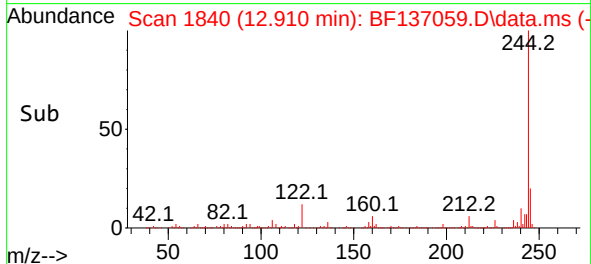
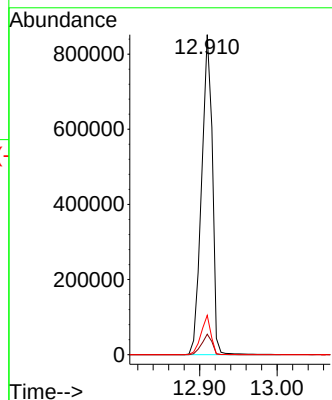
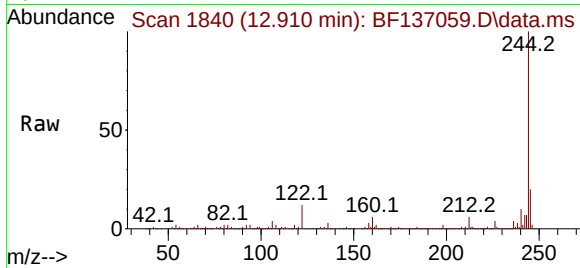




#79
 Terphenyl-d14
 Concen: 92.924 ng
 RT: 12.910 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF137059.D
 Acq: 15 Jan 2024 11:34

Instrument :
 BNA_F
 ClientSampleId :
 PB158388TB

Tgt Ion:244 Resp: 821118
 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: BF137059.D
 Acq: 15 Jan 2024 11:34

Tgt Ion:264 Resp: 111877
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.3 27.5
 265 22.5 17.0 25.6

