

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
 Data File : BF137051.D
 Acq On : 12 Jan 2024 16:28
 Operator : CG\JU
 Sample : P1117-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S1-COMPOSITE

Quant Time: Jan 12 16:45:20 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	59770	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	227058	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	112132	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	193400	20.000	ng	0.00
76) Chrysene-d12	13.969	240	115562	20.000	ng	0.00
86) Perylene-d12	15.463	264	134395	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	306640	80.048	ng	0.00
7) Phenol-d6	6.434	99	382489	77.058	ng	0.00
23) Nitrobenzene-d5	7.345	82	239197	53.907	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	102228	77.410	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	461088	55.306	ng	-0.01
79) Terphenyl-d14	12.904	244	356199	43.074	ng	-0.01

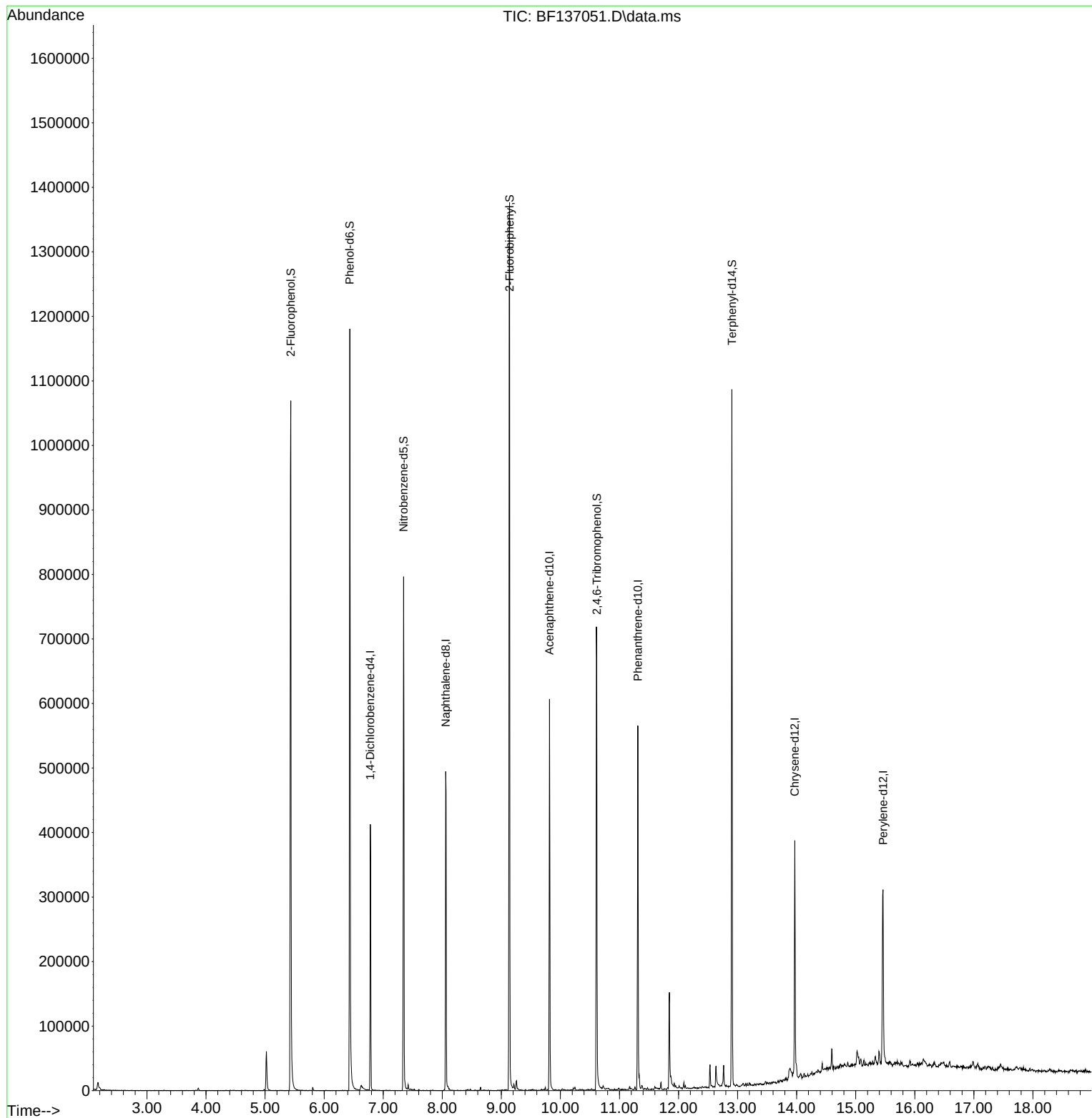
Target Compounds	Qvalue

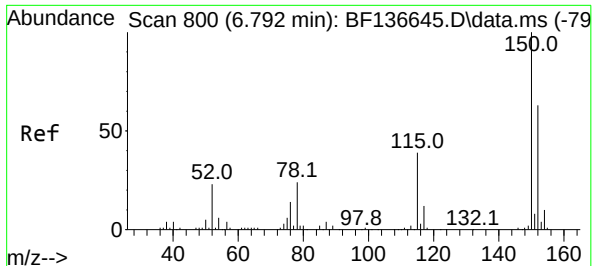
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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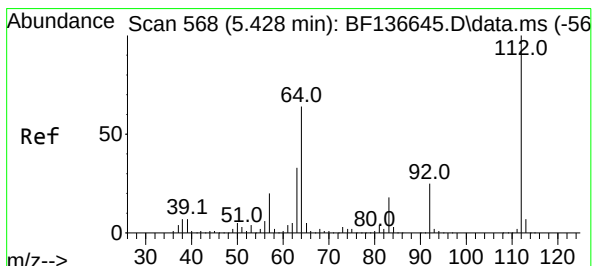
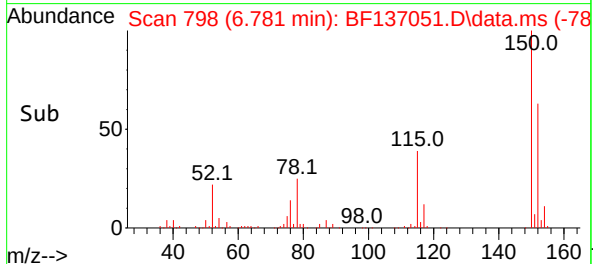
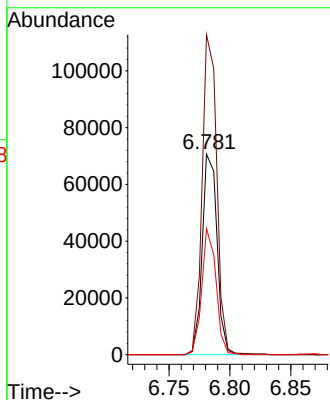
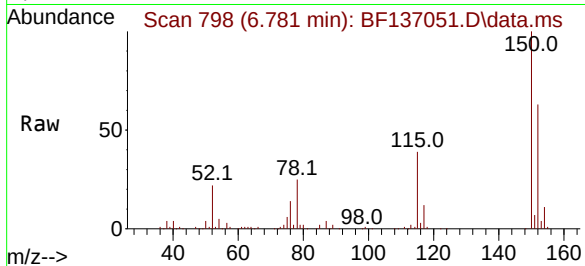




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF137051.D
Acq: 12 Jan 2024 16:28

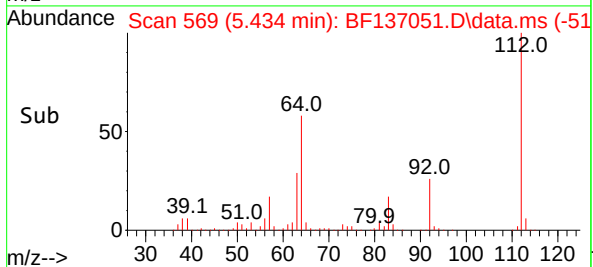
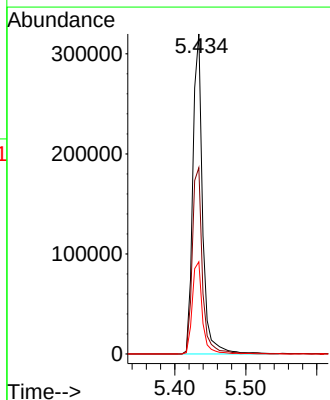
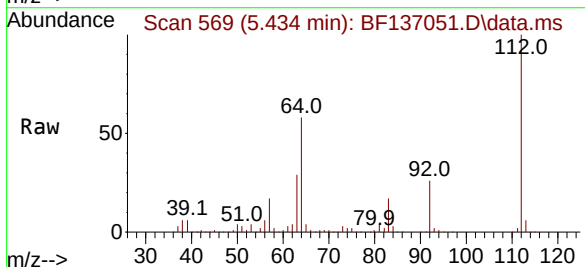
Instrument :
BNA_F
ClientSampleId :
S1-COMPOSITE

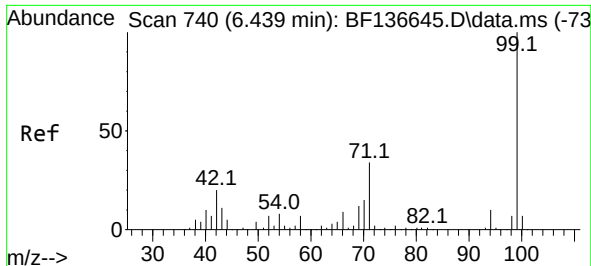
Tgt Ion:152 Resp: 59770
Ion Ratio Lower Upper
152 100
150 159.7 127.0 190.6
115 62.8 49.0 73.4



#5
2-Fluorophenol
Concen: 80.048 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF137051.D
Acq: 12 Jan 2024 16:28

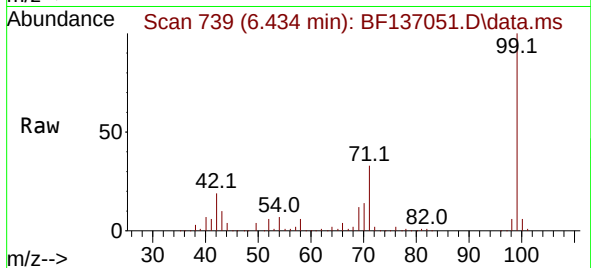
Tgt Ion:112 Resp: 306640
Ion Ratio Lower Upper
112 100
64 58.2 51.1 76.7
63 28.8 26.1 39.1





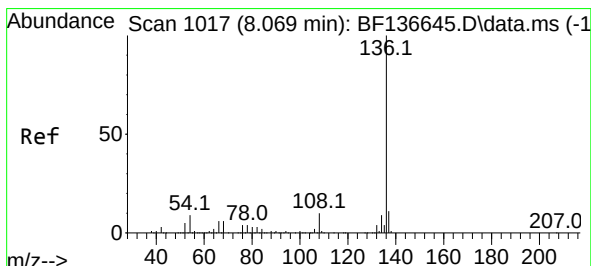
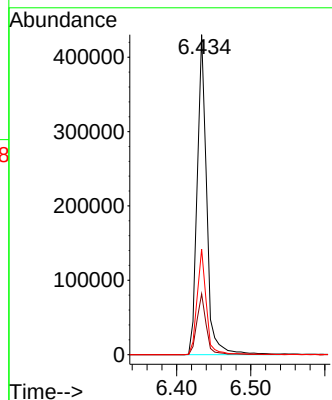
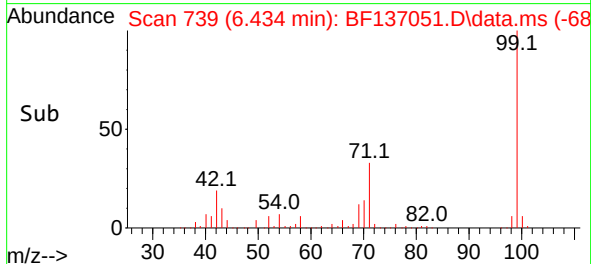
#7
Phenol-d6
Concen: 77.058 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137051.D
Acq: 12 Jan 2024 16:28

Instrument :
BNA_F
ClientSampleId :
S1-COMPOSITE

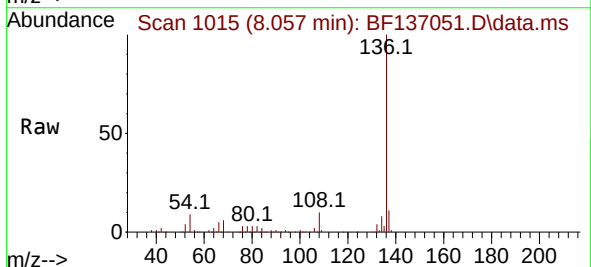


Tgt Ion: 99 Resp: 382489

Ion	Ratio	Lower	Upper
99	100		
42	19.0	16.1	24.1
71	33.0	27.4	41.2

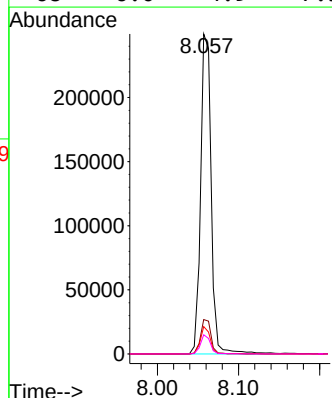
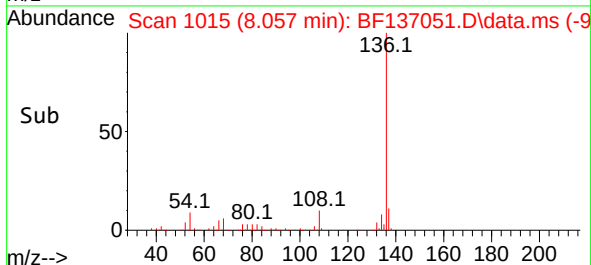


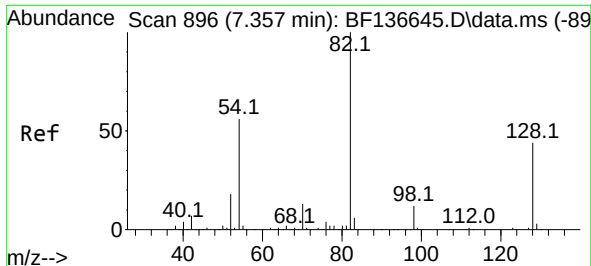
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF137051.D
Acq: 12 Jan 2024 16:28



Tgt Ion: 136 Resp: 227058

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	8.6	7.2	10.8
68	6.0	4.9	7.3





#23

Nitrobenzene-d5

Concen: 53.907 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF137051.D

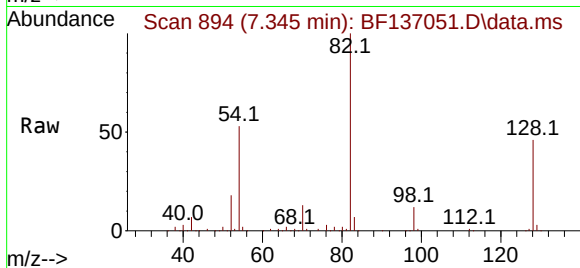
Acq: 12 Jan 2024 16:28

Instrument :

BNA_F

ClientSampleId :

S1-COMPOSITE



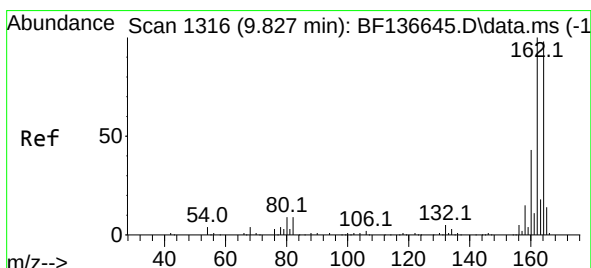
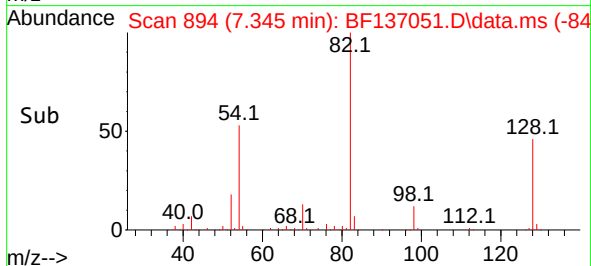
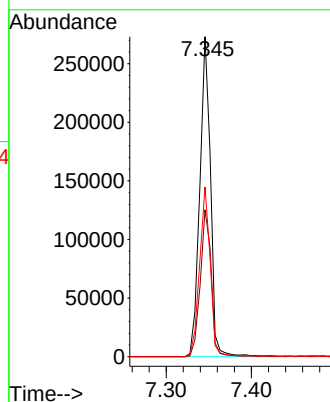
Tgt Ion: 82 Resp: 239197

Ion Ratio Lower Upper

82 100

128 45.9 35.3 52.9

54 53.0 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: BF137051.D

Acq: 12 Jan 2024 16:28

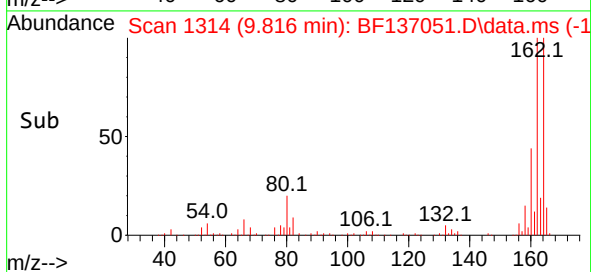
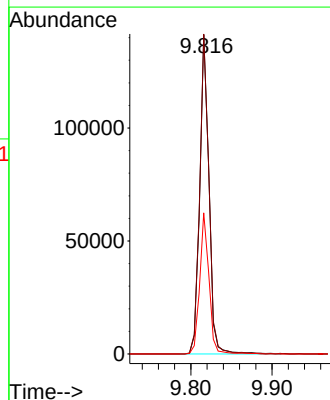
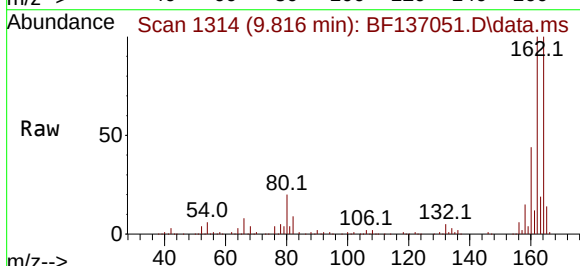
Tgt Ion:164 Resp: 112132

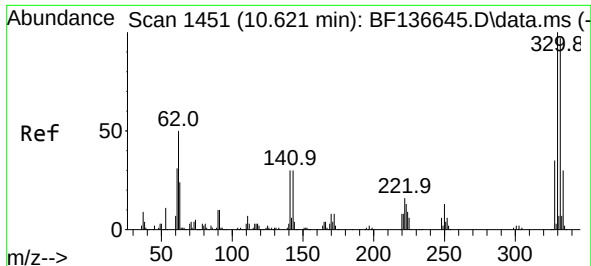
Ion Ratio Lower Upper

164 100

162 100.3 81.6 122.4

160 44.2 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 77.410 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF137051.D

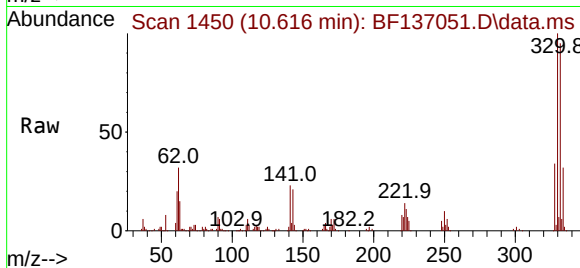
Acq: 12 Jan 2024 16:28

Instrument :

BNA_F

ClientSampleId :

S1-COMPOSITE



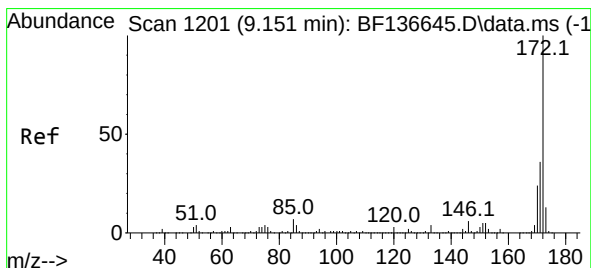
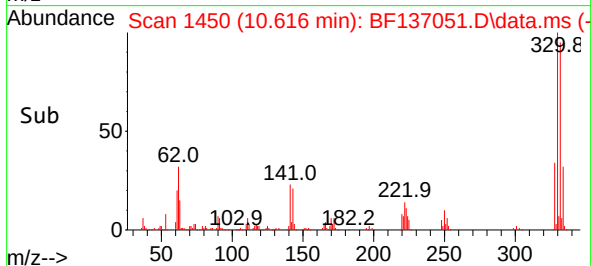
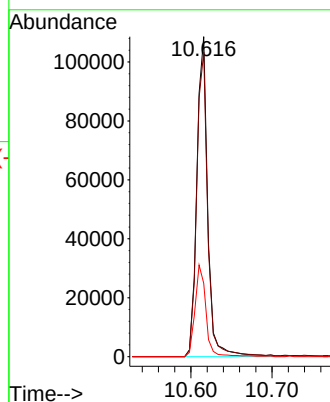
Tgt Ion:330 Resp: 102228

Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.0

141 28.7 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 55.306 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF137051.D

Acq: 12 Jan 2024 16:28

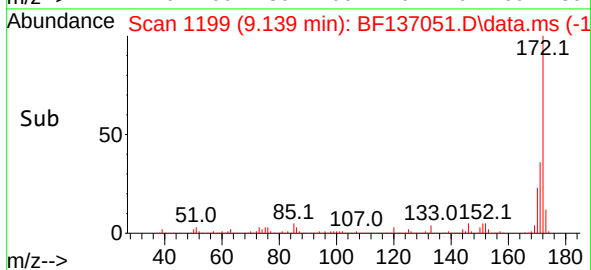
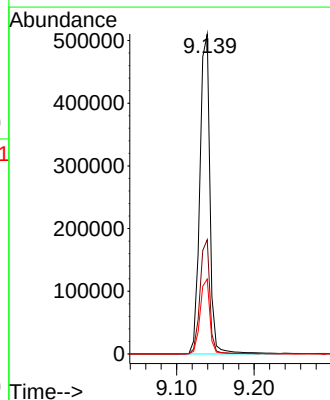
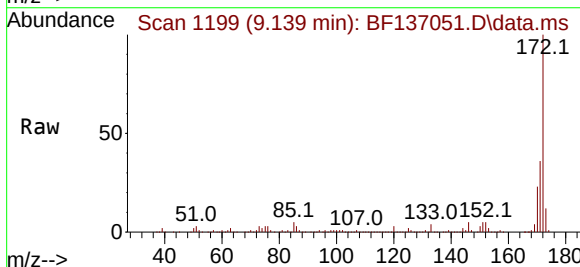
Tgt Ion:172 Resp: 461088

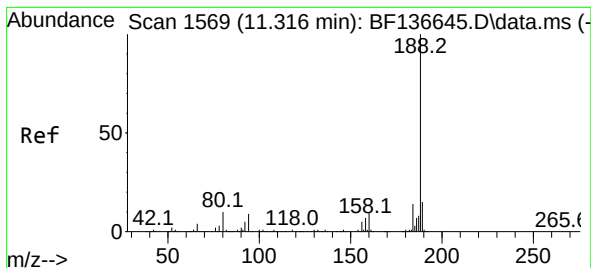
Ion Ratio Lower Upper

172 100

171 35.7 29.0 43.6

170 23.4 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: BF137051.D

Acq: 12 Jan 2024 16:28

Instrument :

BNA_F

ClientSampleId :

S1-COMPOSITE

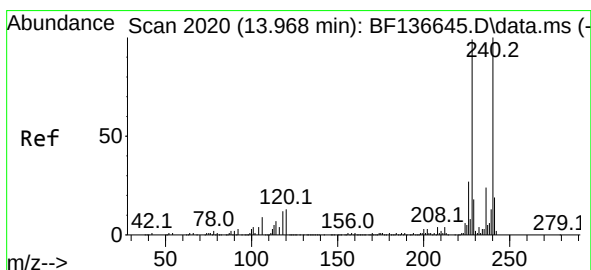
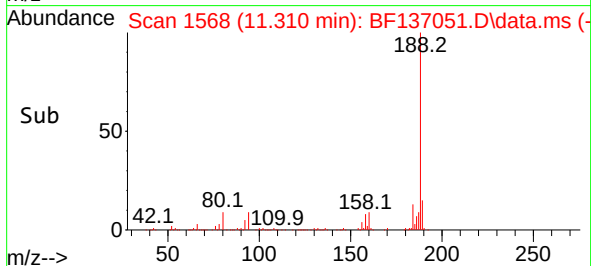
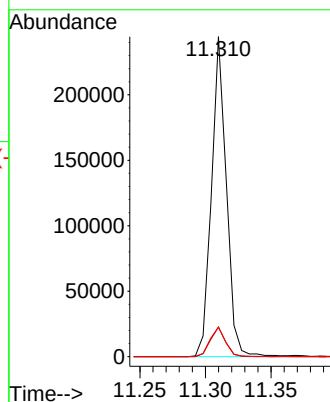
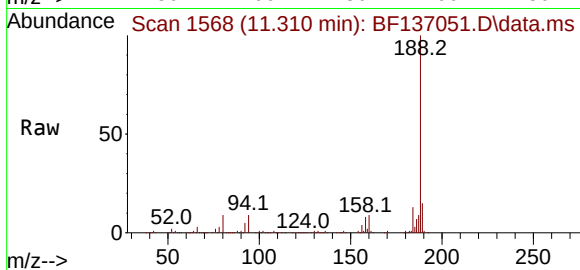
Tgt Ion:188 Resp: 193400

Ion Ratio Lower Upper

188 100

94 9.3 7.5 11.3

80 9.3 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: BF137051.D

Acq: 12 Jan 2024 16:28

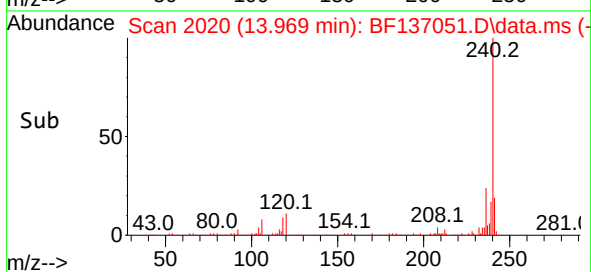
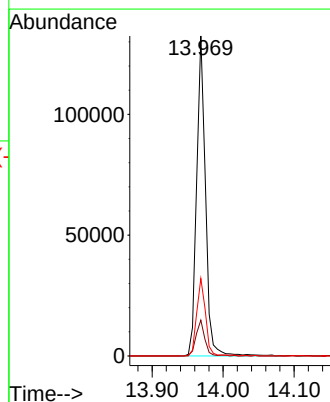
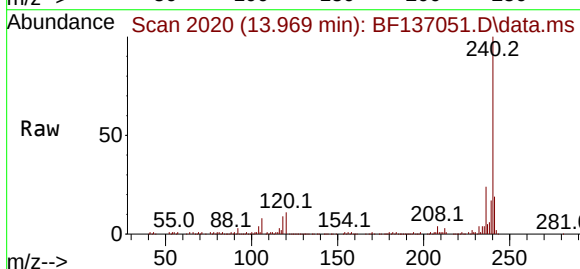
Tgt Ion:240 Resp: 115562

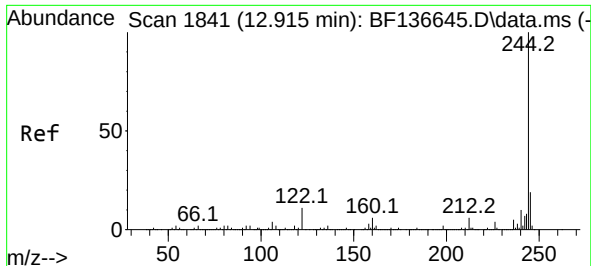
Ion Ratio Lower Upper

240 100

120 11.2 10.3 15.5

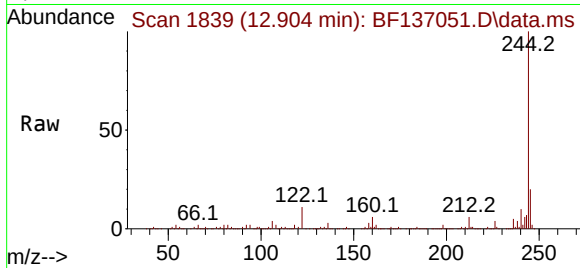
236 24.2 19.4 29.2



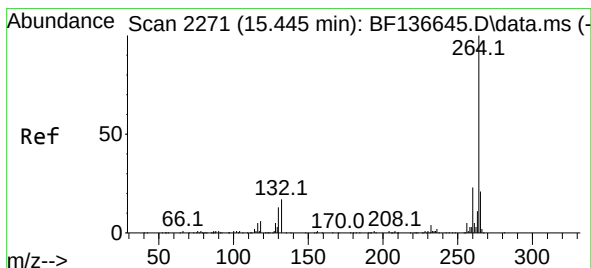
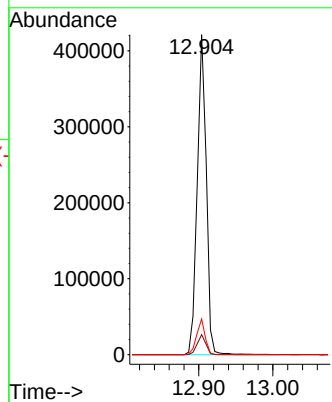
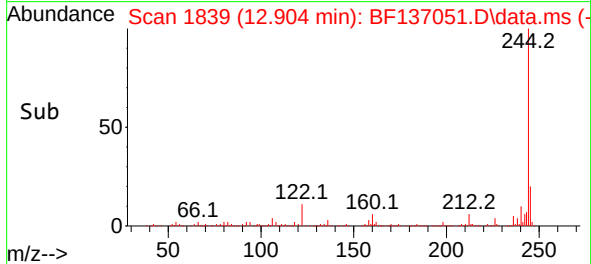


#79
 Terphenyl-d14
 Concen: 43.074 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF137051.D
 Acq: 12 Jan 2024 16:28

Instrument :
 BNA_F
 ClientSampleId :
 S1-COMPOSITE



Tgt Ion:244 Resp: 356199
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 11.2 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: BF137051.D
 Acq: 12 Jan 2024 16:28

Tgt Ion:264 Resp: 134395
 Ion Ratio Lower Upper
 264 100
 260 25.4 18.3 27.5
 265 20.7 17.0 25.6

