

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011524\
 Data File : BF137063.D
 Acq On : 15 Jan 2024 15:11
 Operator : CG\JU
 Sample : P1132-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200010

Quant Time: Jan 15 15:51:18 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	47075	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	162498	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	75867	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	138736	20.000	ng	0.00
76) Chrysene-d12	13.974	240	135336	20.000	ng	0.00
86) Perylene-d12	15.462	264	145578	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	251099	83.226	ng	0.00
7) Phenol-d6	6.434	99	291303	74.513	ng	0.00
23) Nitrobenzene-d5	7.345	82	178814	56.309	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	71443	79.958	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	348041	61.701	ng	-0.02
79) Terphenyl-d14	12.910	244	425372	43.924	ng	0.00

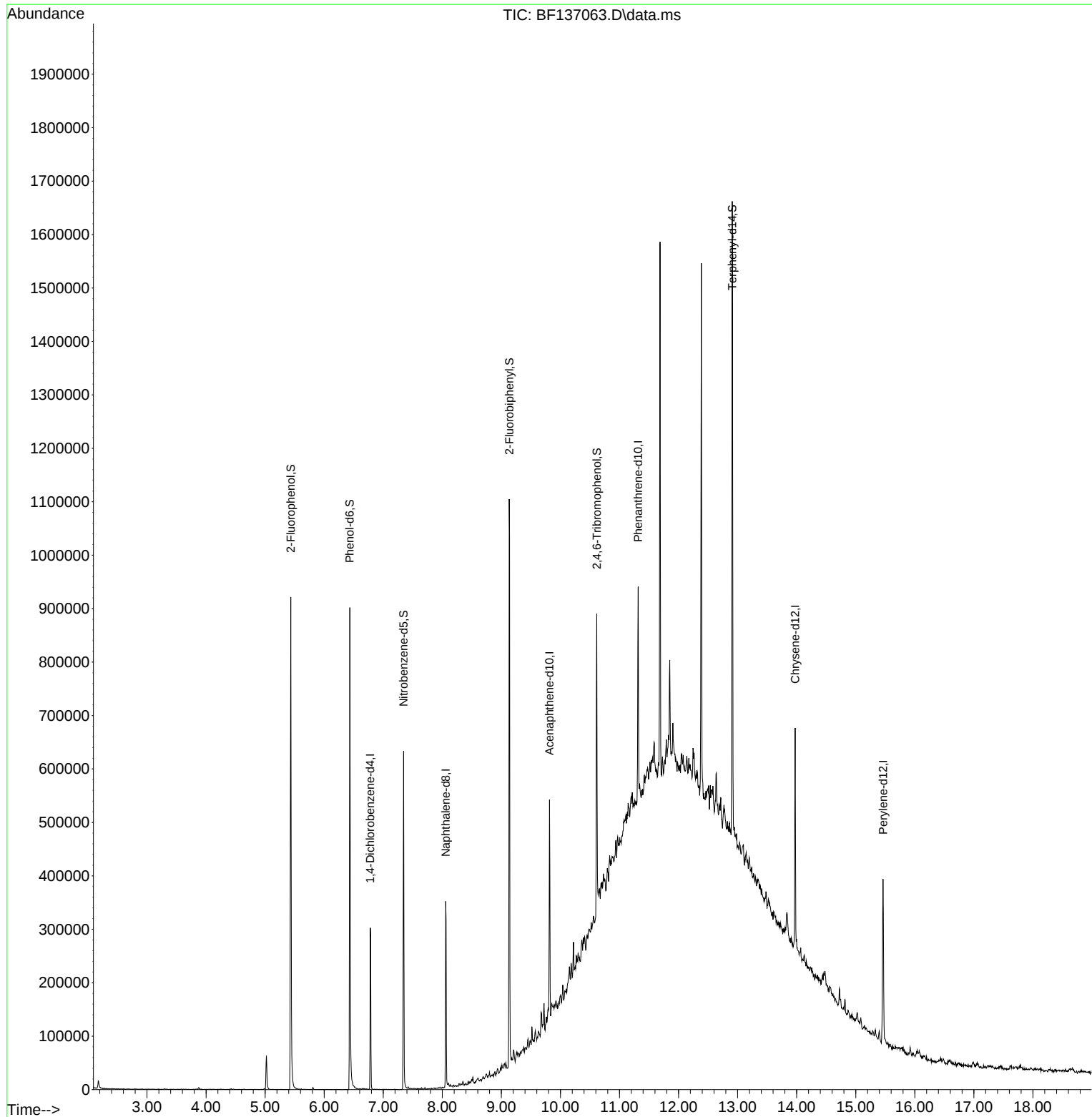
Target Compounds	Qvalue

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

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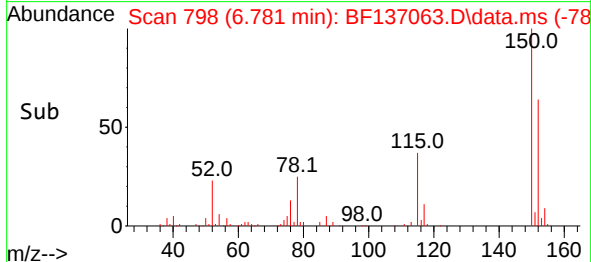
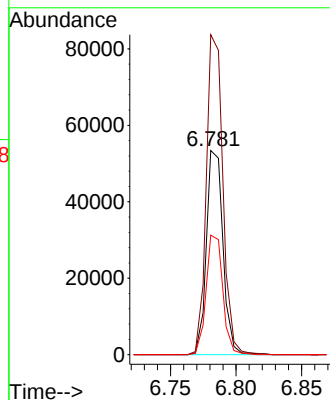
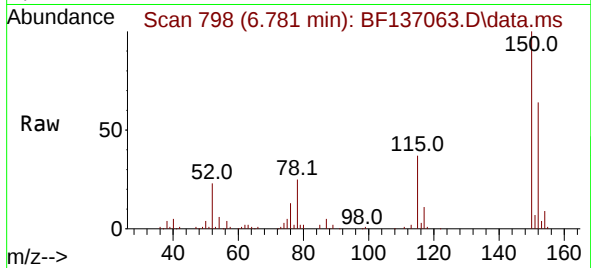




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF137063.D
Acq: 15 Jan 2024 15:11

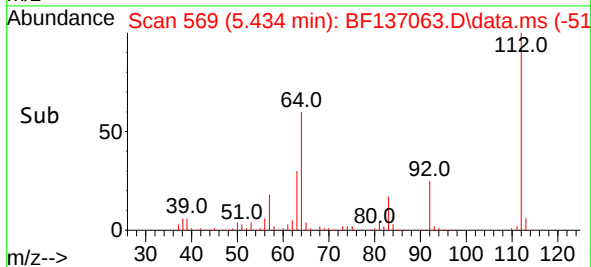
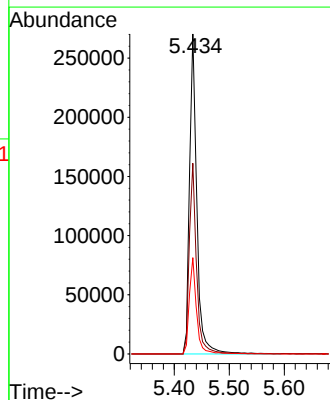
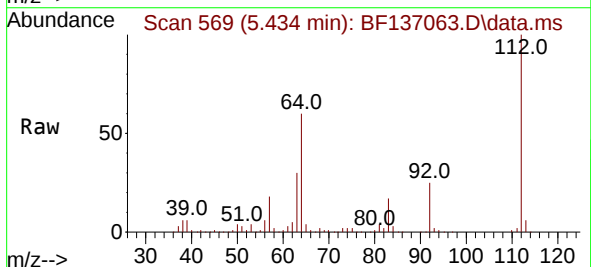
Instrument :
BNA_F
ClientSampleId :
RBR200010

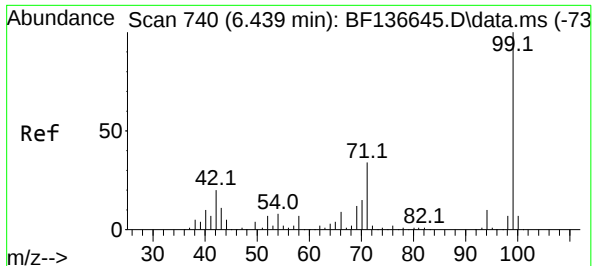
Tgt Ion:152 Resp: 47075
Ion Ratio Lower Upper
152 100
150 156.7 127.0 190.6
115 58.6 49.0 73.4



#5
2-Fluorophenol
Concen: 83.226 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF137063.D
Acq: 15 Jan 2024 15:11

Tgt Ion:112 Resp: 251099
Ion Ratio Lower Upper
112 100
64 59.6 51.1 76.7
63 30.1 26.1 39.1

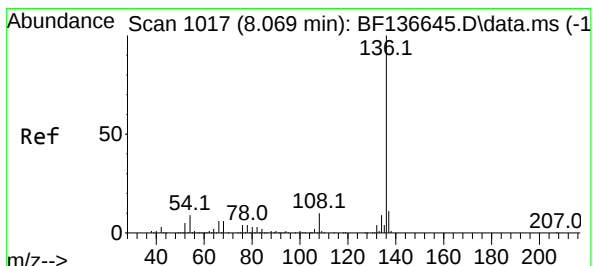
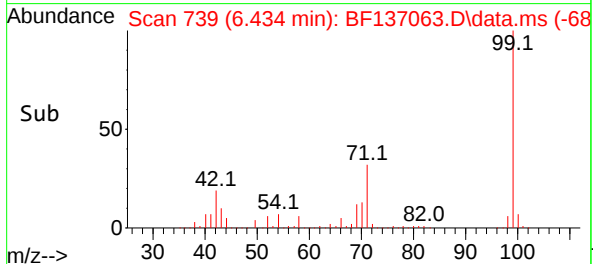
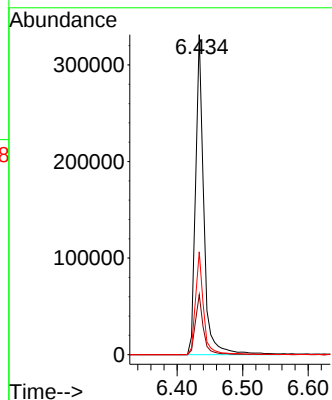
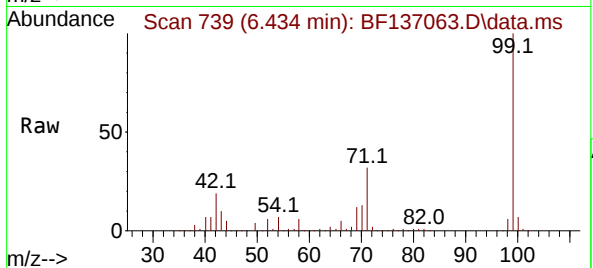




#7
Phenol-d6
Concen: 74.513 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137063.D
Acq: 15 Jan 2024 15:11

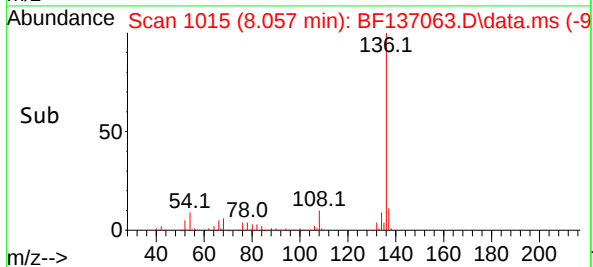
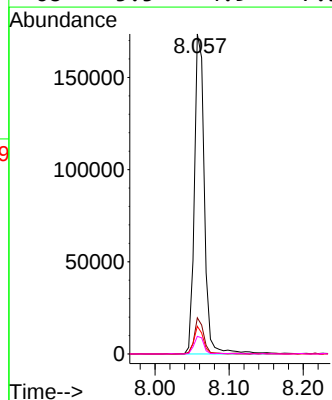
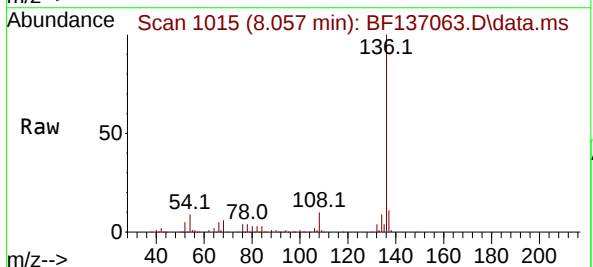
Instrument :
BNA_F
ClientSampleId :
RBR200010

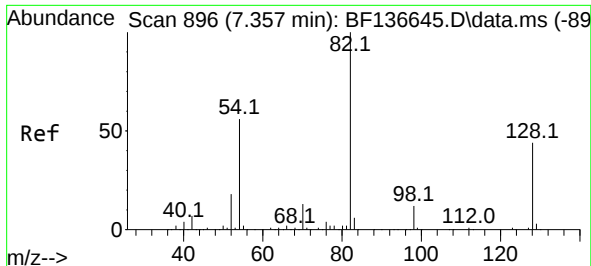
Tgt Ion: 99 Resp: 291303
Ion Ratio Lower Upper
99 100
42 18.7 16.1 24.1
71 32.1 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF137063.D
Acq: 15 Jan 2024 15:11

Tgt Ion: 136 Resp: 162498
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 8.7 7.2 10.8
68 5.5 4.9 7.3





#23

Nitrobenzene-d5

Concen: 56.309 ng

RT: 7.345 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF137063.D

Acq: 15 Jan 2024 15:11

Instrument :

BNA_F

ClientSampleId :

RBR200010

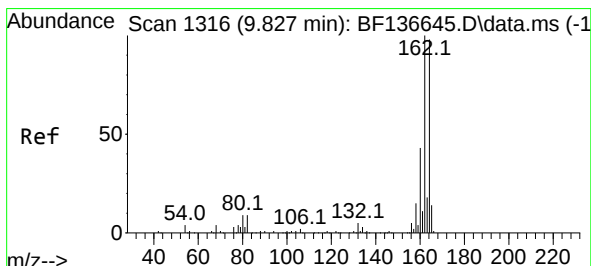
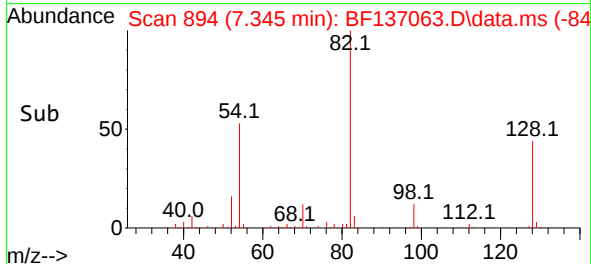
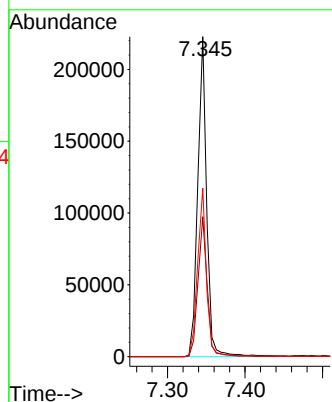
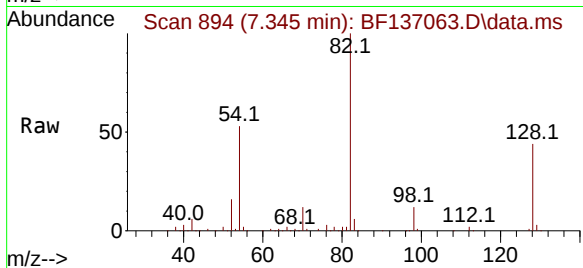
Tgt Ion: 82 Resp: 178814

Ion Ratio Lower Upper

82 100

128 43.7 35.3 52.9

54 52.6 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: BF137063.D

Acq: 15 Jan 2024 15:11

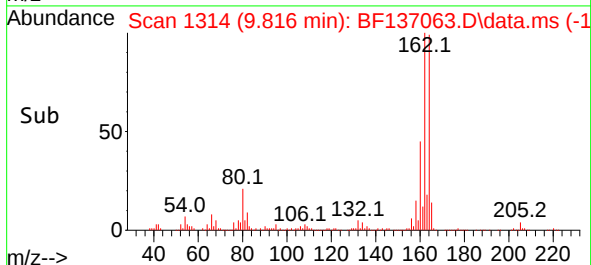
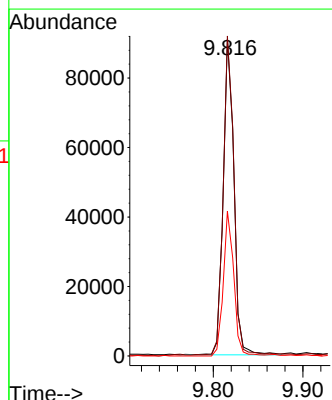
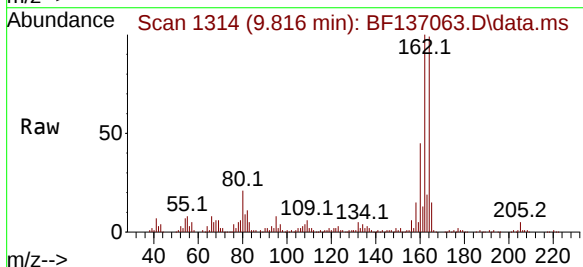
Tgt Ion:164 Resp: 75867

Ion Ratio Lower Upper

164 100

162 101.0 81.6 122.4

160 45.7 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 79.958 ng

RT: 10.616 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF137063.D

Acq: 15 Jan 2024 15:11

Instrument :

BNA_F

ClientSampleId :

RBR200010

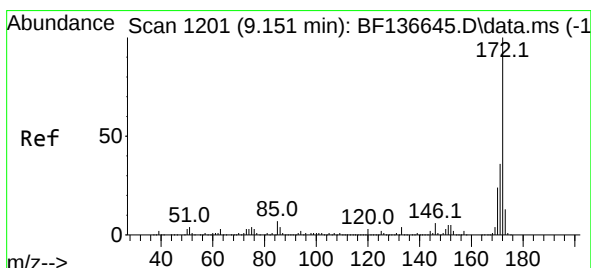
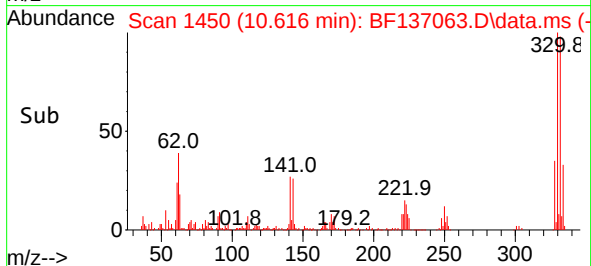
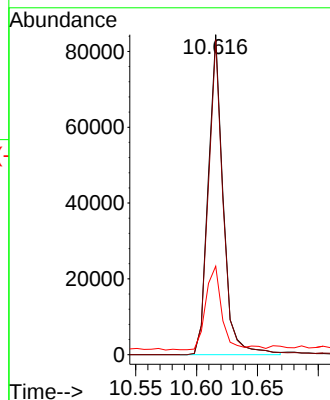
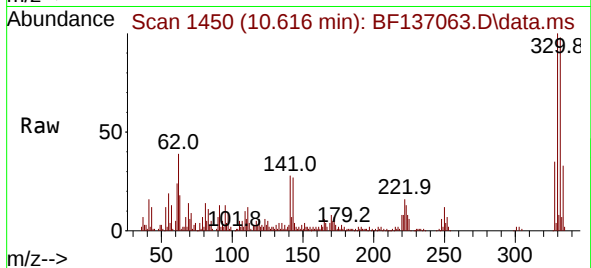
Tgt Ion:330 Resp: 71443

Ion Ratio Lower Upper

330 100

332 98.6 77.4 116.0

141 28.8 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 61.701 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.018 min

Lab File: BF137063.D

Acq: 15 Jan 2024 15:11

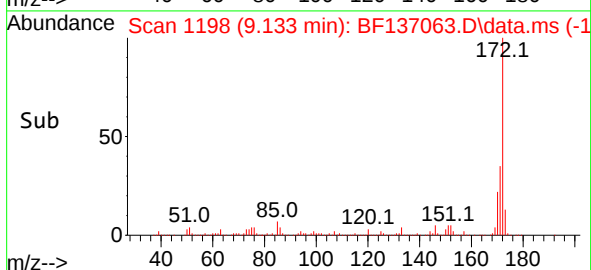
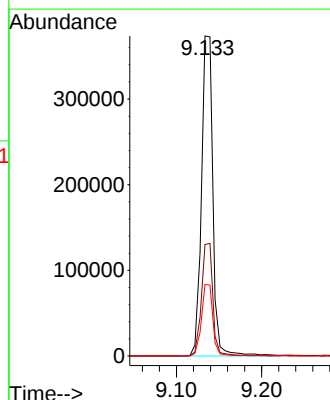
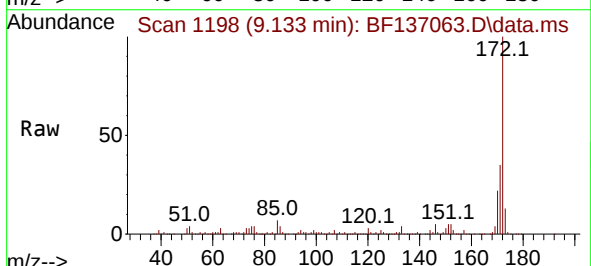
Tgt Ion:172 Resp: 348041

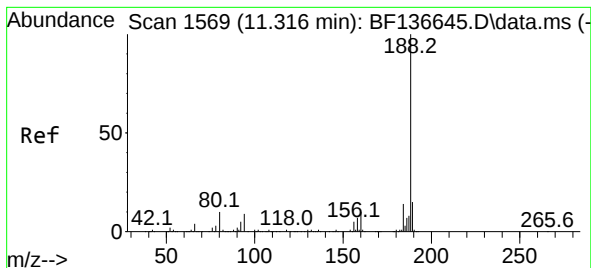
Ion Ratio Lower Upper

172 100

171 34.9 29.0 43.6

170 22.4 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137063.D

Acq: 15 Jan 2024 15:11

Instrument :

BNA_F

ClientSampleId :

RBR200010

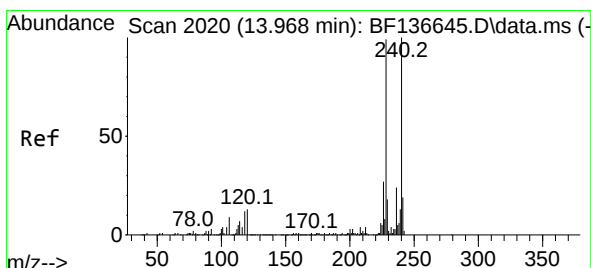
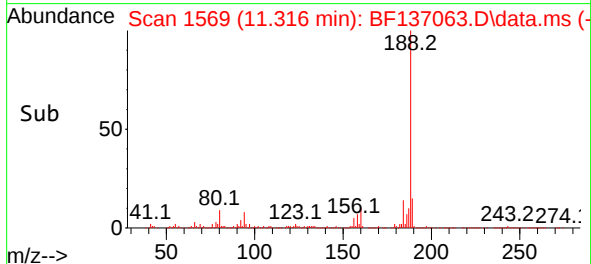
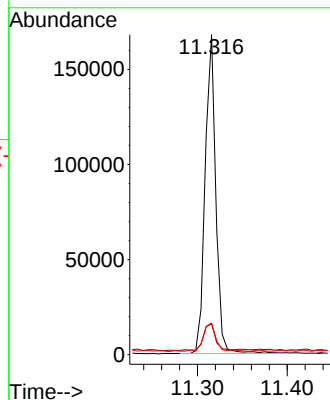
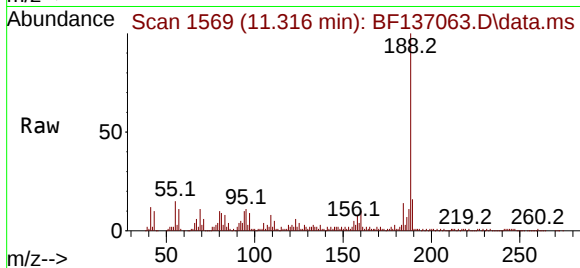
Tgt Ion:188 Resp: 138736

Ion Ratio Lower Upper

188 100

94 9.7 7.5 11.3

80 9.9 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: BF137063.D

Acq: 15 Jan 2024 15:11

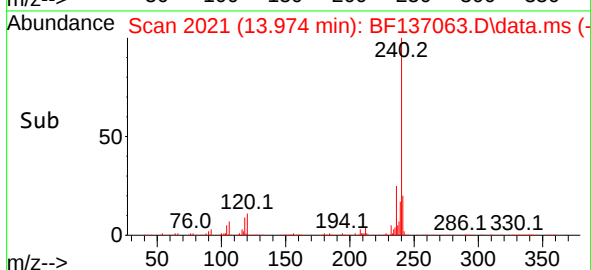
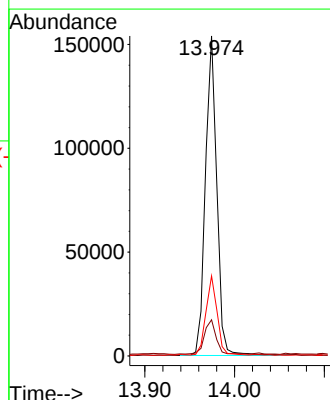
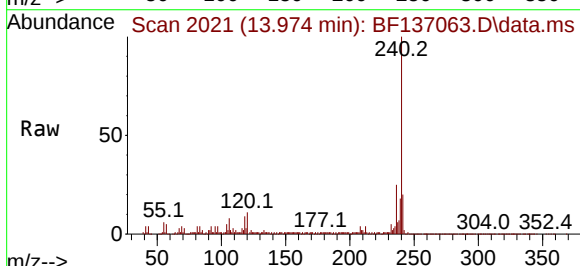
Tgt Ion:240 Resp: 135336

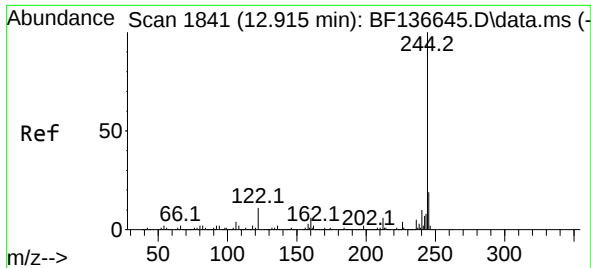
Ion Ratio Lower Upper

240 100

120 11.3 10.3 15.5

236 25.0 19.4 29.2

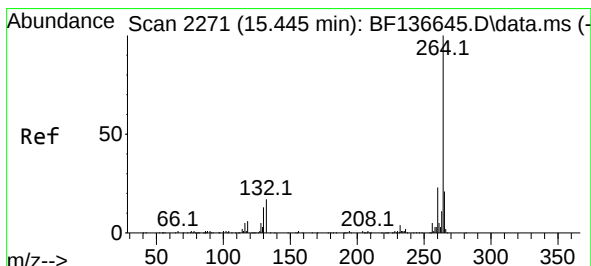
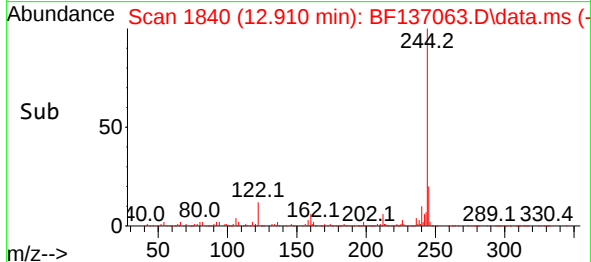
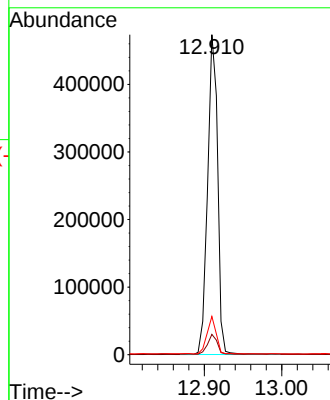
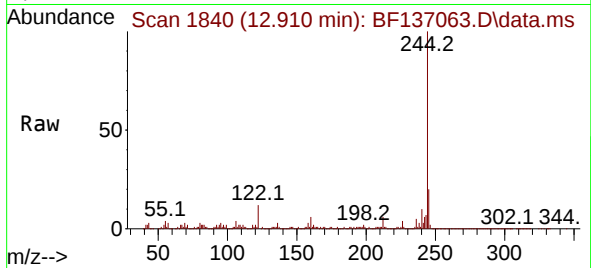




#79
 Terphenyl-d14
 Concen: 43.924 ng
 RT: 12.910 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF137063.D
 Acq: 15 Jan 2024 15:11

Instrument :
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Tgt Ion:244 Resp: 425372
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 11.9 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2274
 Delta R.T. 0.018 min
 Lab File: BF137063.D
 Acq: 15 Jan 2024 15:11

Tgt Ion:264 Resp: 145578
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.3 27.5
 265 21.2 17.0 25.6

