

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020524\
 Data File : BF137272.D
 Acq On : 05 Feb 2024 12:12
 Operator : CG\JU
 Sample : P1337-07RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3RE

Quant Time: Feb 05 12:31:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	52853	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	202919	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	103970	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	166465	20.000	ng	0.00
76) Chrysene-d12	13.963	240	112555	20.000	ng	-0.01
86) Perylene-d12	15.445	264	79675	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	621279	193.965	ng	0.02
7) Phenol-d6	6.434	99	809536	177.099	ng	0.00
23) Nitrobenzene-d5	7.351	82	535573	118.168	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	185091	157.633	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	860254	113.741	ng	0.00
79) Terphenyl-d14	12.916	244	843681	101.900	ng	0.00

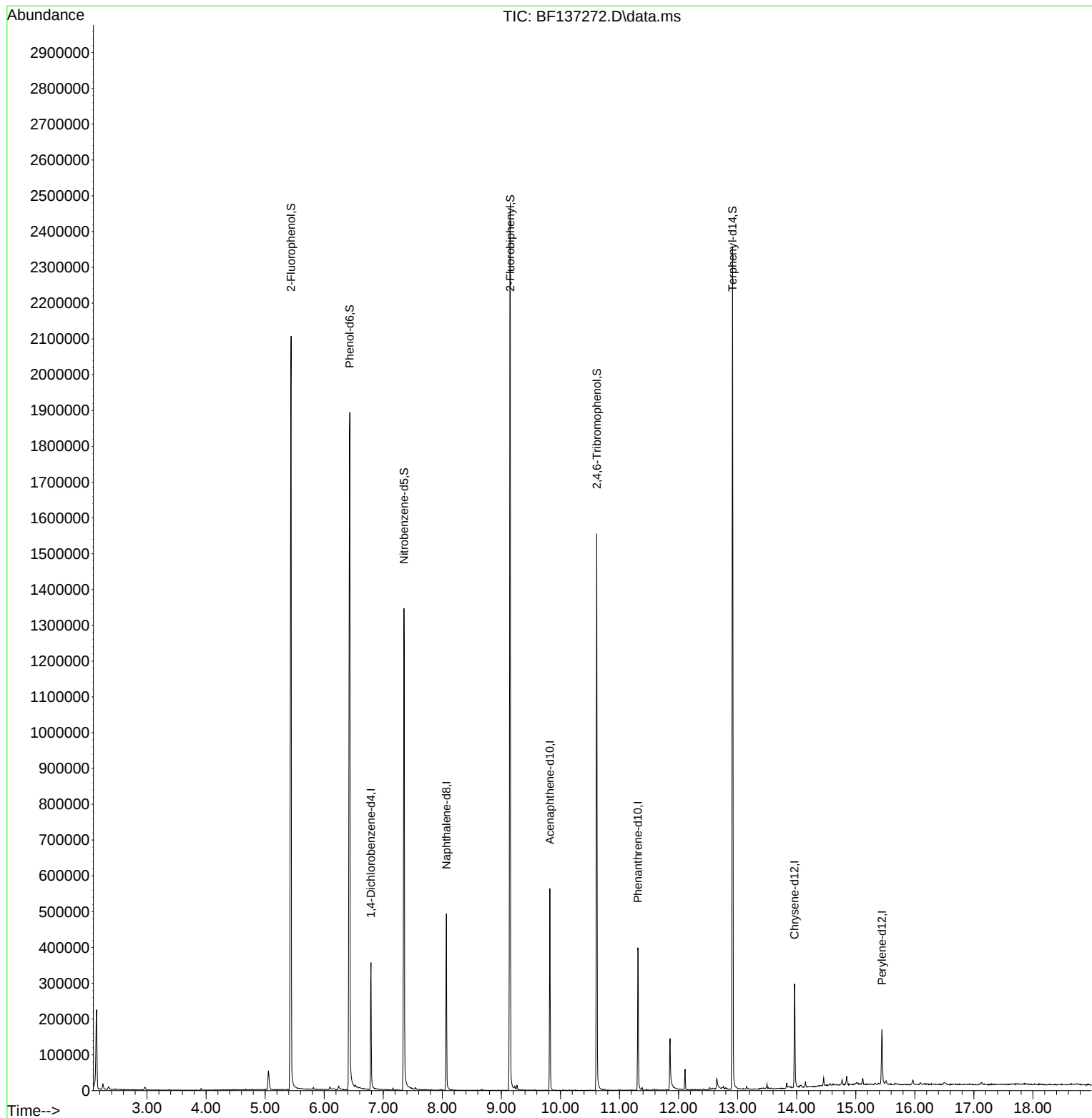
Target Compounds	Qvalue

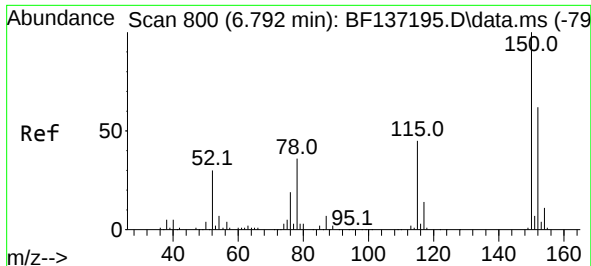
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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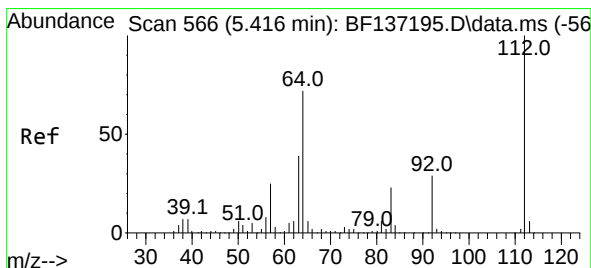
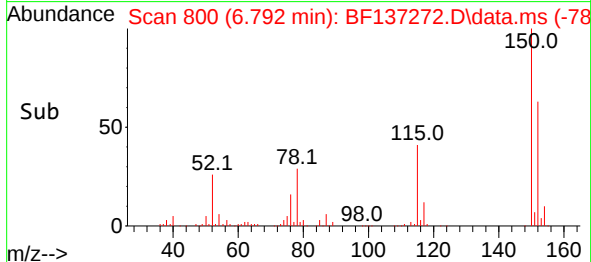
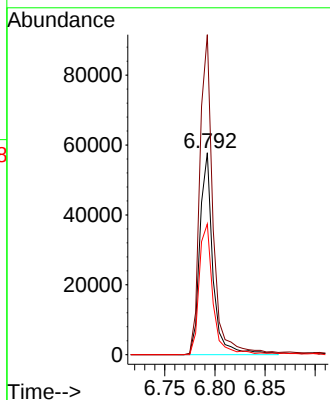
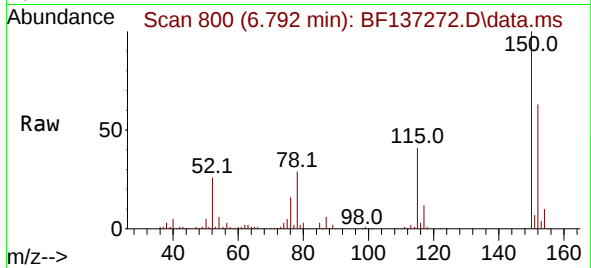




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF137272.D
Acq: 05 Feb 2024 12:12

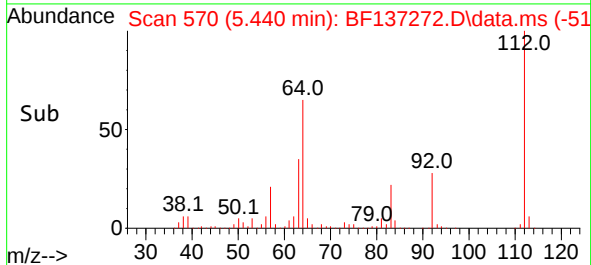
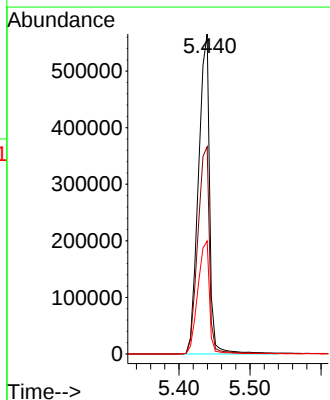
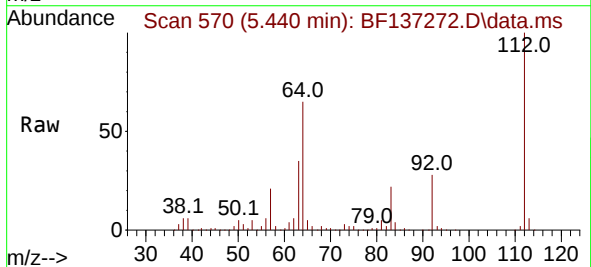
Instrument :
BNA_F
ClientSampleId :
TP-3RE

Tgt Ion:152 Resp: 52853
Ion Ratio Lower Upper
152 100
150 158.5 129.8 194.8
115 64.7 58.5 87.7



#5
2-Fluorophenol
Concen: 193.965 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.024 min
Lab File: BF137272.D
Acq: 05 Feb 2024 12:12

Tgt Ion:112 Resp: 621279
Ion Ratio Lower Upper
112 100
64 64.7 57.8 86.6
63 35.3 31.4 47.0

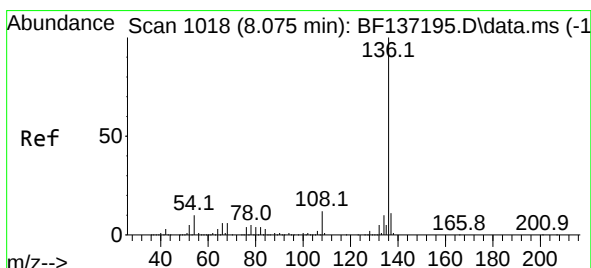
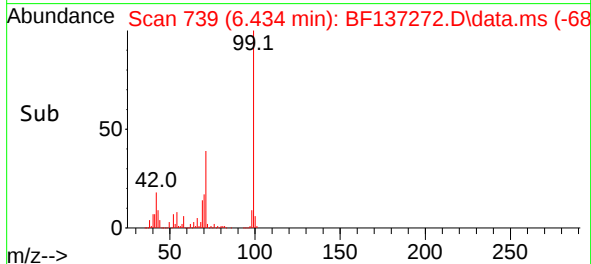
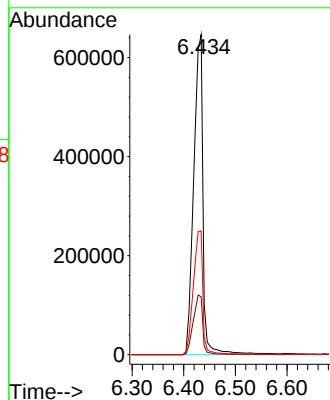
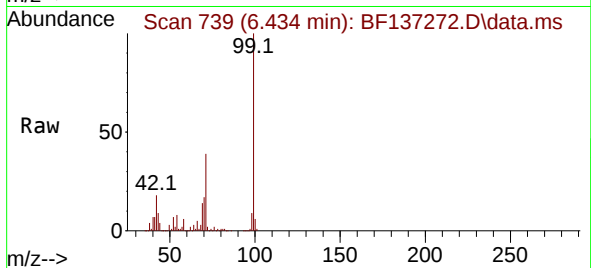




#7
Phenol-d6
Concen: 177.099 ng
RT: 6.434 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF137272.D
Acq: 05 Feb 2024 12:12

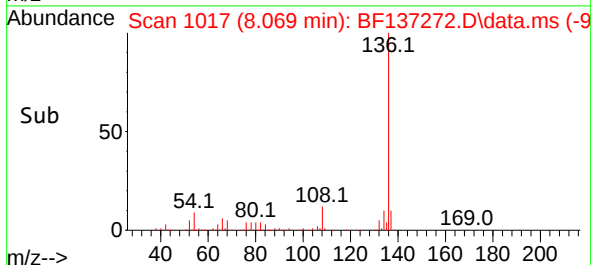
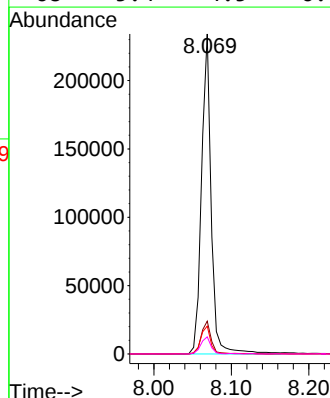
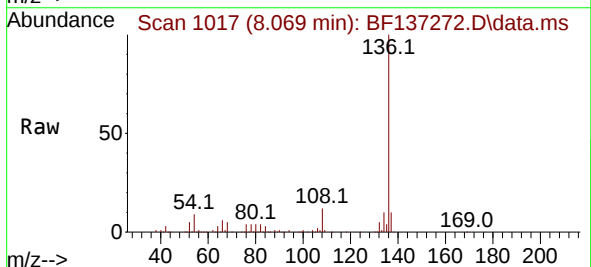
Instrument :
BNA_F
ClientSampleId :
TP-3RE

Tgt Ion: 99 Resp: 809536
Ion Ratio Lower Upper
99 100
42 18.1 16.4 24.6
71 38.6 32.4 48.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF137272.D
Acq: 05 Feb 2024 12:12

Tgt Ion: 136 Resp: 202919
Ion Ratio Lower Upper
136 100
137 10.3 8.9 13.3
54 8.7 7.8 11.8
68 5.4 4.5 6.7





#23

Nitrobenzene-d5

Concen: 118.168 ng

RT: 7.351 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF137272.D

Acq: 05 Feb 2024 12:12

Instrument :

BNA_F

ClientSampleId :

TP-3RE

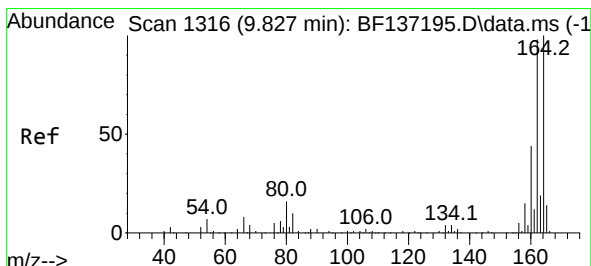
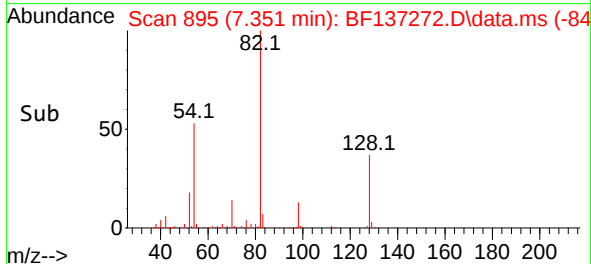
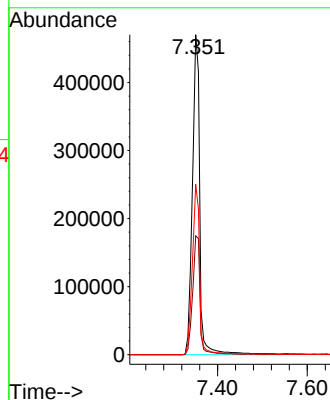
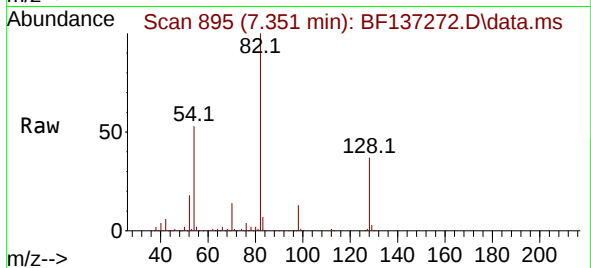
Tgt Ion: 82 Resp: 535573

Ion Ratio Lower Upper

82 100

128 37.1 29.1 43.7

54 53.2 45.0 67.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.005 min

Lab File: BF137272.D

Acq: 05 Feb 2024 12:12

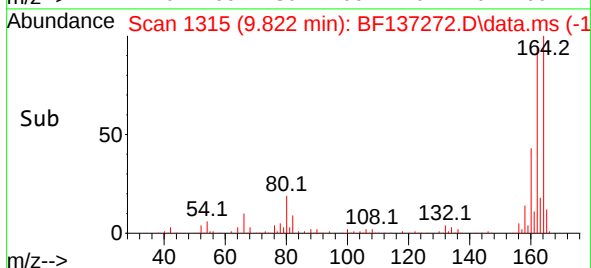
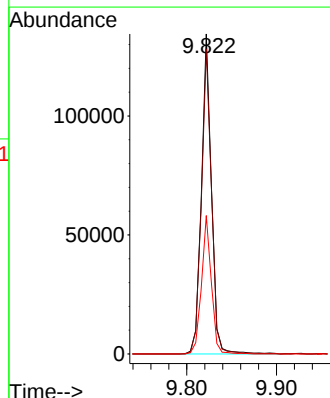
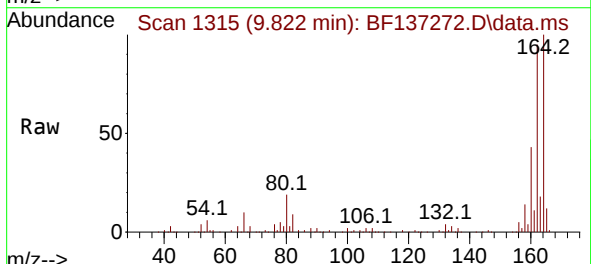
Tgt Ion:164 Resp: 103970

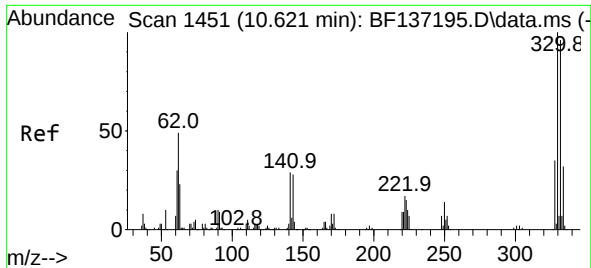
Ion Ratio Lower Upper

164 100

162 95.3 78.3 117.5

160 43.2 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 157.633 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF137272.D

Acq: 05 Feb 2024 12:12

Instrument :

BNA_F

ClientSampleId :

TP-3RE

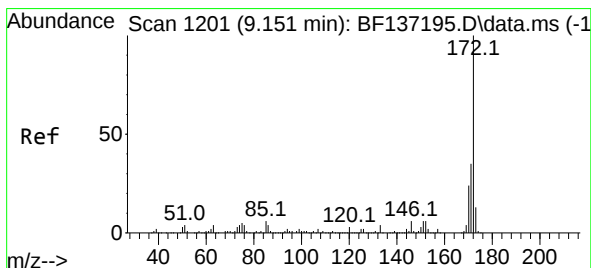
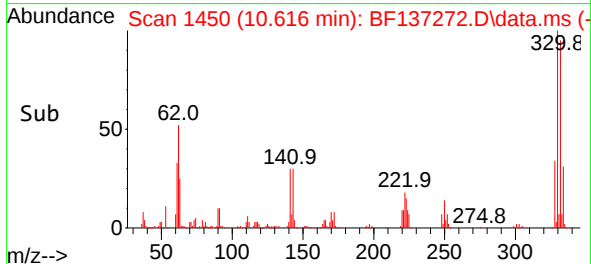
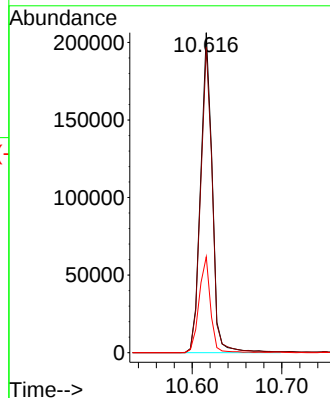
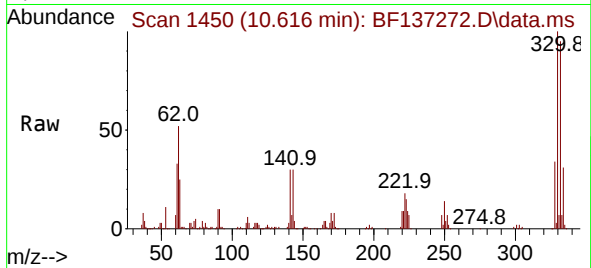
Tgt Ion:330 Resp: 185091

Ion Ratio Lower Upper

330 100

332 97.2 77.3 115.9

141 29.6 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 113.741 ng

RT: 9.151 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BF137272.D

Acq: 05 Feb 2024 12:12

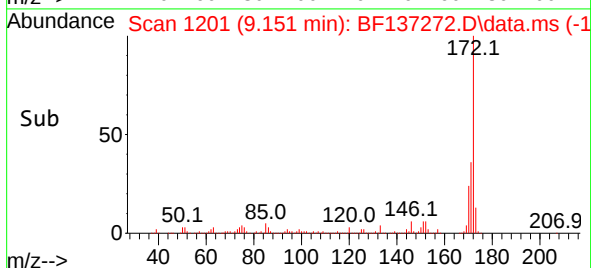
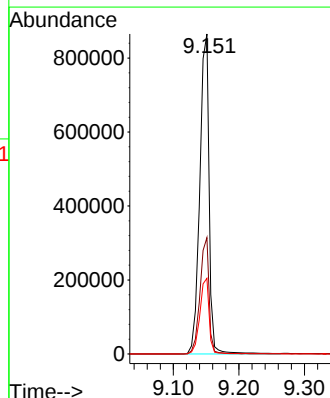
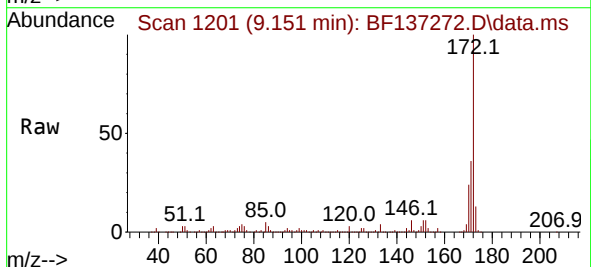
Tgt Ion:172 Resp: 860254

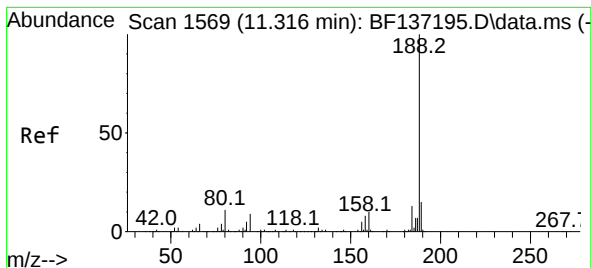
Ion Ratio Lower Upper

172 100

171 36.4 28.3 42.5

170 23.7 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137272.D

Acq: 05 Feb 2024 12:12

Instrument :

BNA_F

ClientSampleId :

TP-3RE

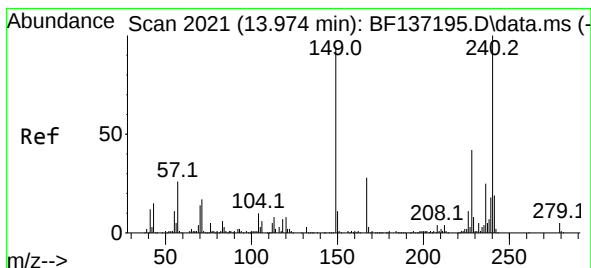
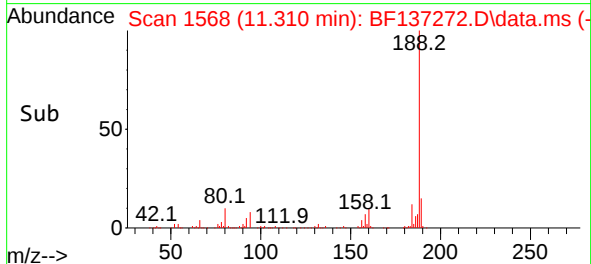
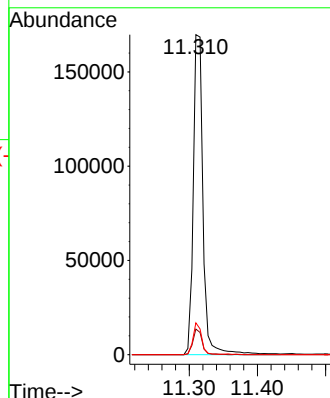
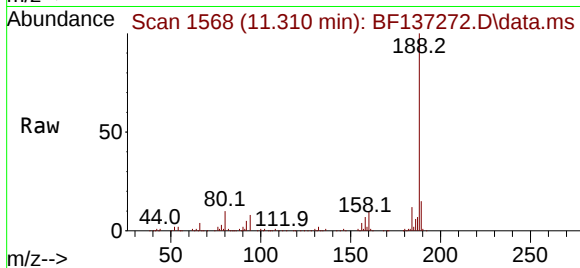
Tgt Ion:188 Resp: 166465

Ion Ratio Lower Upper

188 100

94 8.0 7.0 10.4

80 9.9 8.8 13.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF137272.D

Acq: 05 Feb 2024 12:12

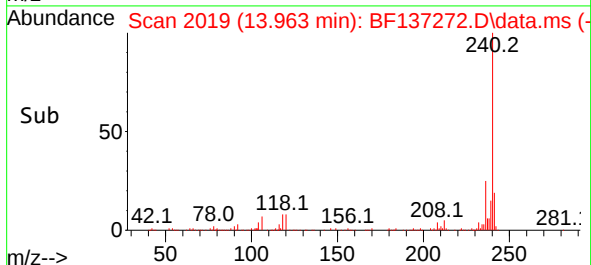
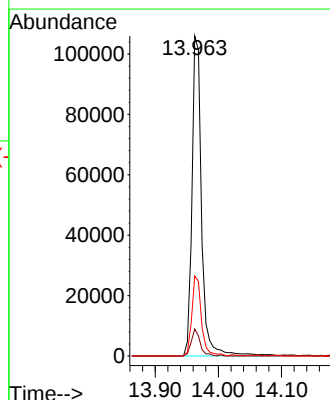
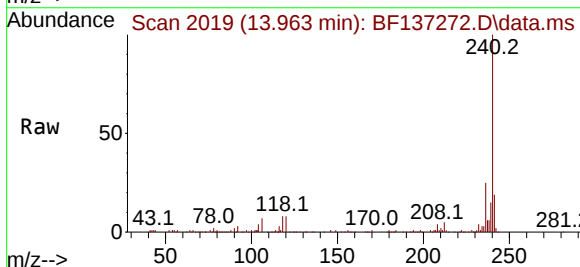
Tgt Ion:240 Resp: 112555

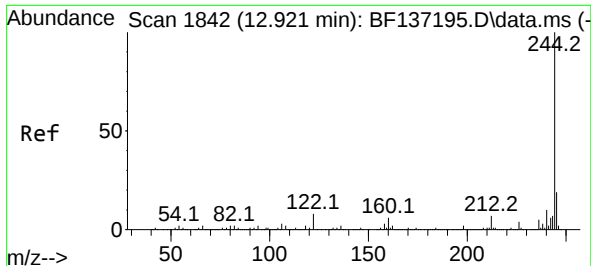
Ion Ratio Lower Upper

240 100

120 8.5 6.3 9.5

236 25.0 20.3 30.5

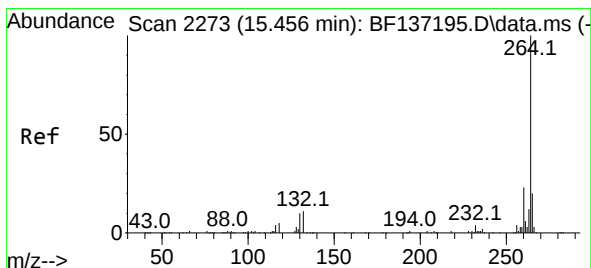
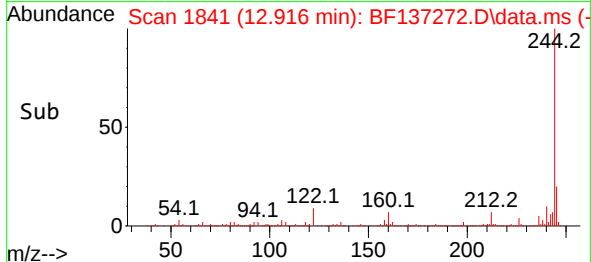
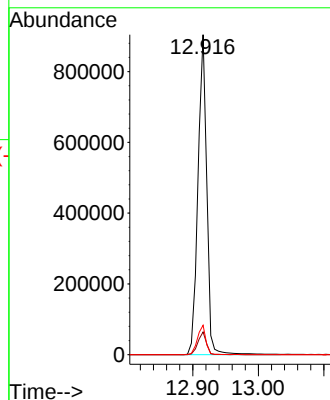
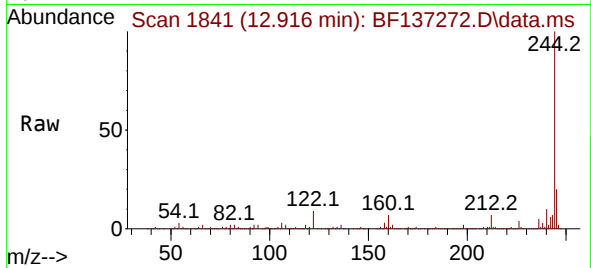




#79
 Terphenyl-d14
 Concen: 101.900 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF137272.D
 Acq: 05 Feb 2024 12:12

Instrument :
 BNA_F
 ClientSampleId :
 TP-3RE

Tgt Ion:244 Resp: 843681
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 9.2 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. -0.012 min
 Lab File: BF137272.D
 Acq: 05 Feb 2024 12:12

Tgt Ion:264 Resp: 79675
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.2 27.4
 265 21.7 16.2 24.2

