

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
Data File : BF137961.D
Acq On : 20 May 2024 16:08
Operator : CG\JU
Sample : P2518-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-MH-LL

Quant Time: May 20 16:43:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 15 04:12:16 2024
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.040	152	134284	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	524512	20.000	ng	0.00
39) Acenaphthene-d10	10.081	164	300059	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	526574	20.000	ng	0.00
76) Chrysene-d12	14.222	240	297019	20.000	ng	0.00
86) Perylene-d12	15.786	264	339559	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.663	112	643625	81.416	ng	0.00
7) Phenol-d6	6.651	99	795807	81.721	ng	0.00
23) Nitrobenzene-d5	7.598	82	471702	52.925	ng	-0.01
42) 2,4,6-Tribromophenol	10.875	330	263335	87.039	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1071501	55.007	ng	0.00
79) Terphenyl-d14	13.163	244	1167860	57.949	ng	0.00

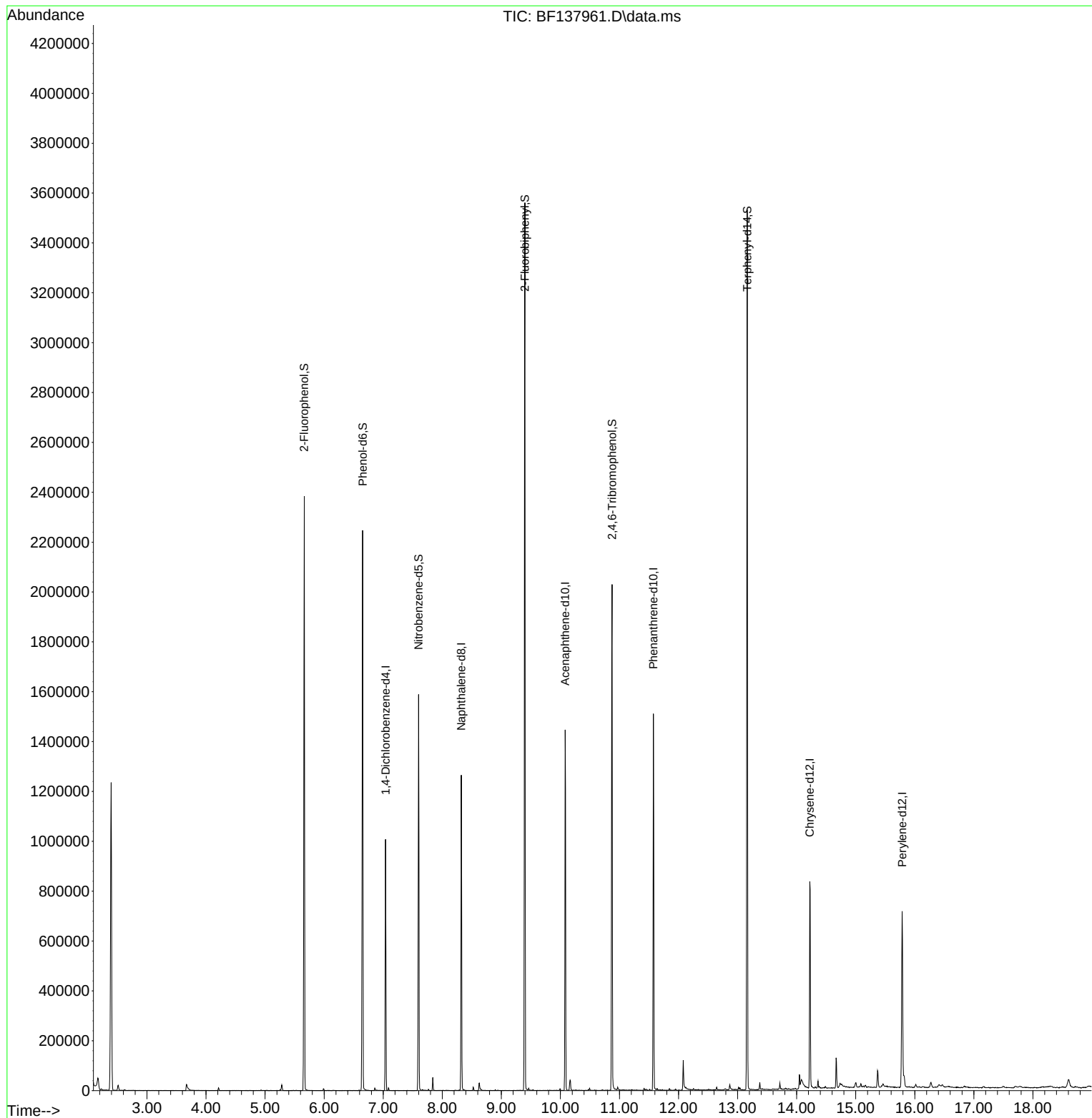
Target Compounds	Qvalue

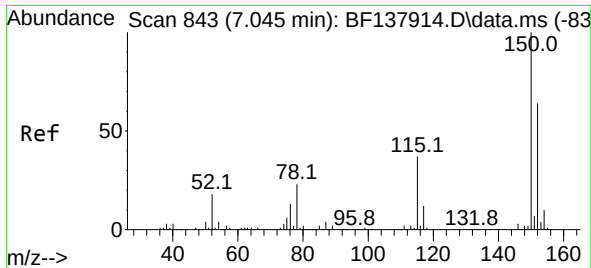
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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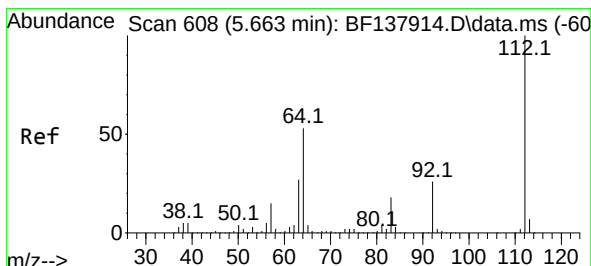
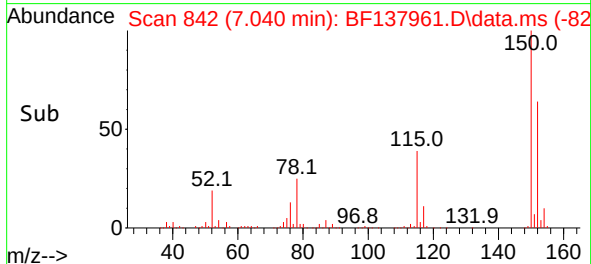
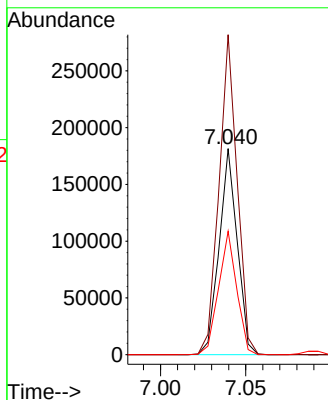
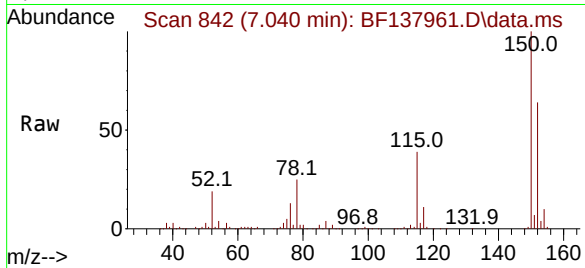




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.040 min Scan# 84
Delta R.T. -0.005 min
Lab File: BF137961.D
Acq: 20 May 2024 16:08

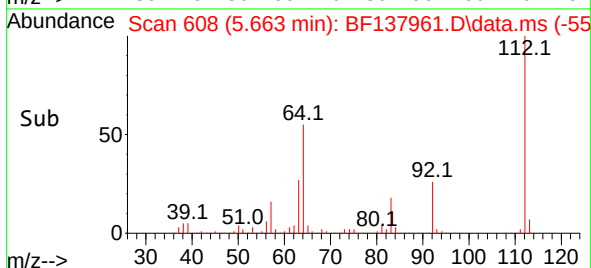
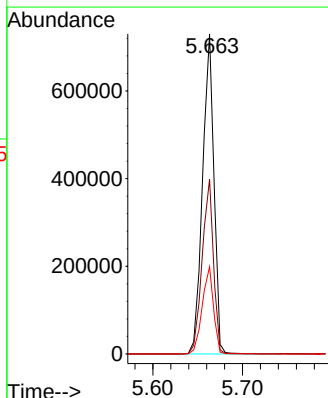
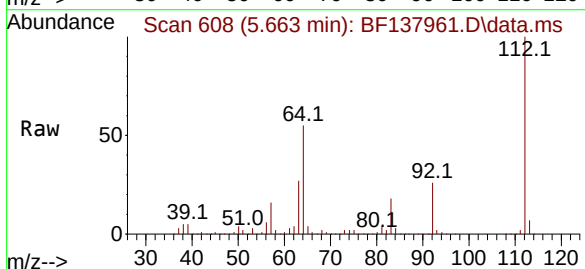
Instrument :
BNA_F
ClientSampleId :
WC-MH-LL

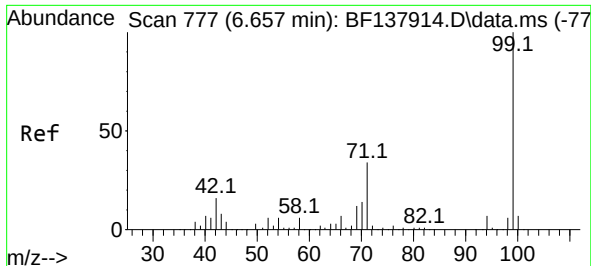
Tgt Ion:152 Resp: 134284
Ion Ratio Lower Upper
152 100
150 155.3 125.7 188.5
115 59.9 47.0 70.6



#5
2-Fluorophenol
Concen: 81.416 ng
RT: 5.663 min Scan# 608
Delta R.T. 0.000 min
Lab File: BF137961.D
Acq: 20 May 2024 16:08

Tgt Ion:112 Resp: 643625
Ion Ratio Lower Upper
112 100
64 54.6 42.4 63.6
63 27.3 21.4 32.2

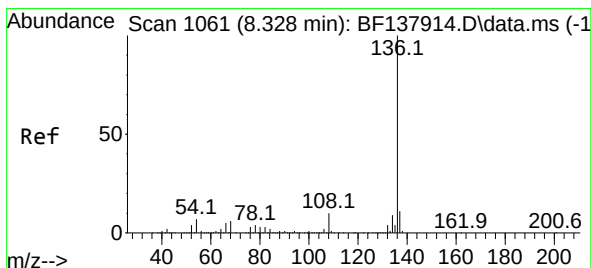
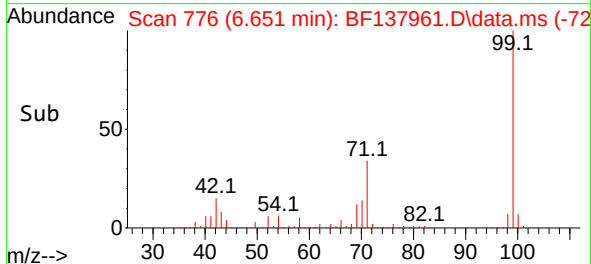
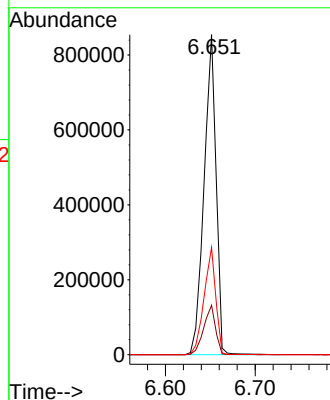
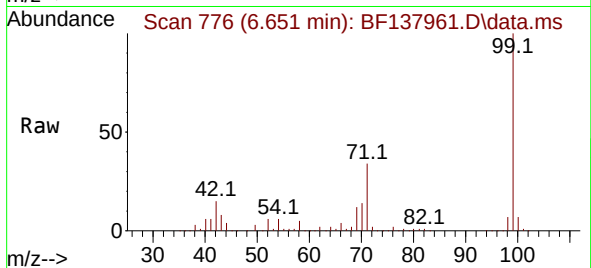




#7
Phenol-d6
Concen: 81.721 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137961.D
Acq: 20 May 2024 16:08

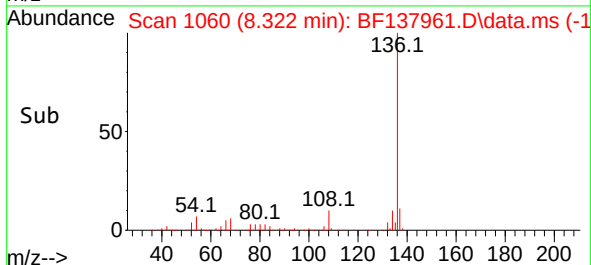
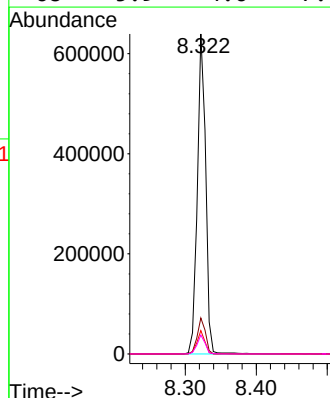
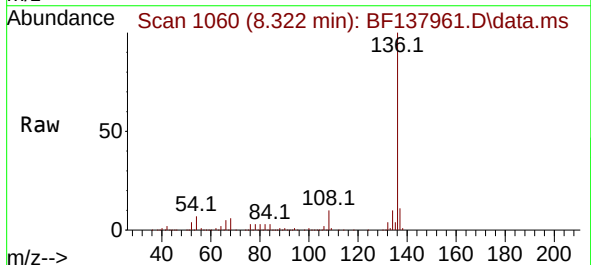
Instrument :
BNA_F
ClientSampleId :
WC-MH-LL

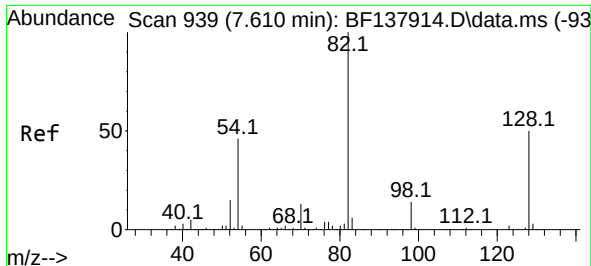
Tgt Ion: 99 Resp: 795807
Ion Ratio Lower Upper
99 100
42 15.4 12.6 18.8
71 33.5 27.1 40.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1060
Delta R.T. -0.006 min
Lab File: BF137961.D
Acq: 20 May 2024 16:08

Tgt Ion: 136 Resp: 524512
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 7.3 5.4 8.2
68 5.9 4.6 7.0





#23

Nitrobenzene-d5

Concen: 52.925 ng

RT: 7.598 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF137961.D

Acq: 20 May 2024 16:08

Instrument :

BNA_F

ClientSampleId :

WC-MH-LL

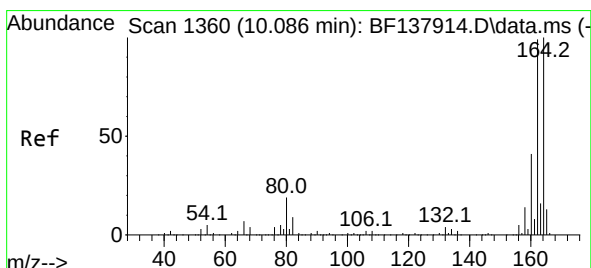
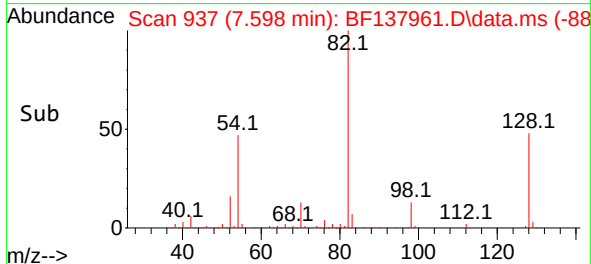
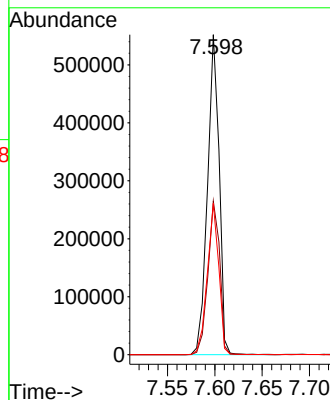
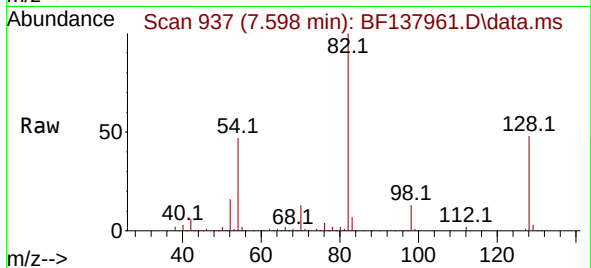
Tgt Ion: 82 Resp: 471702

Ion Ratio Lower Upper

82 100

128 48.0 40.3 60.5

54 47.3 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.081 min Scan# 1359

Delta R.T. -0.005 min

Lab File: BF137961.D

Acq: 20 May 2024 16:08

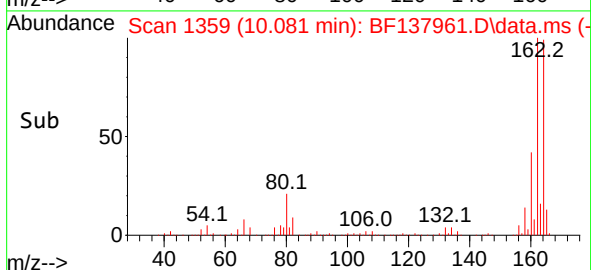
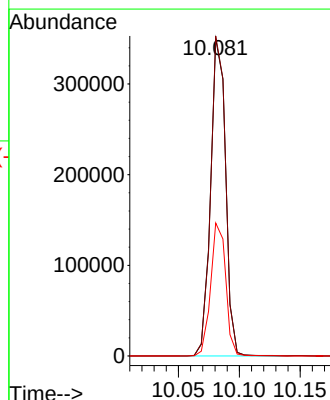
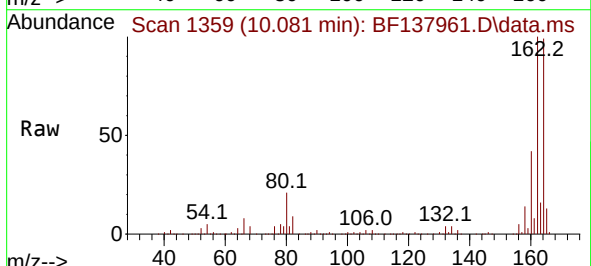
Tgt Ion:164 Resp: 300059

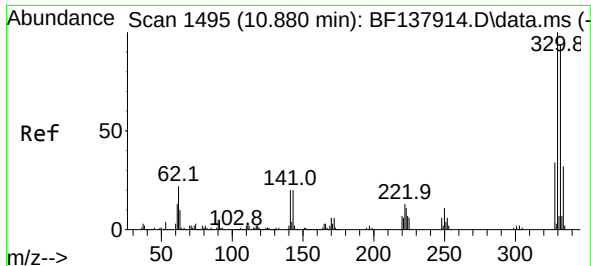
Ion Ratio Lower Upper

164 100

162 100.9 79.4 119.2

160 42.0 33.1 49.7





#42

2,4,6-Tribromophenol

Concen: 87.039 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF137961.D

Acq: 20 May 2024 16:08

Instrument :

BNA_F

ClientSampleId :

WC-MH-LL

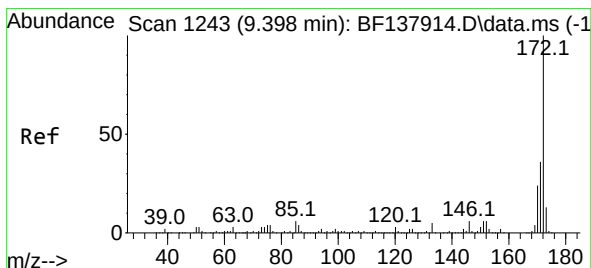
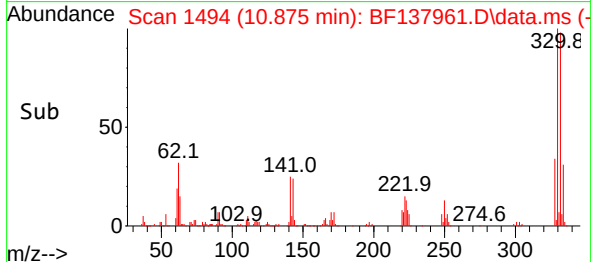
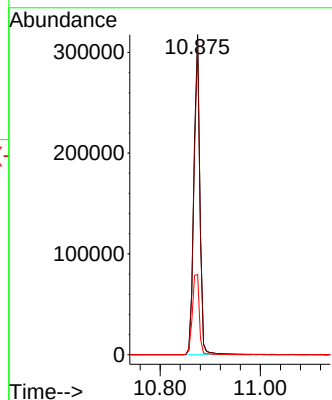
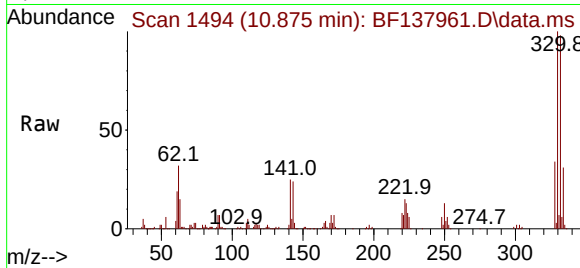
Tgt Ion:330 Resp: 263335

Ion Ratio Lower Upper

330 100

332 96.9 75.8 113.8

141 28.9 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 55.007 ng

RT: 9.398 min Scan# 1243

Delta R.T. 0.000 min

Lab File: BF137961.D

Acq: 20 May 2024 16:08

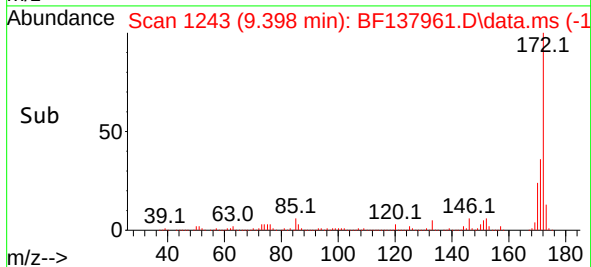
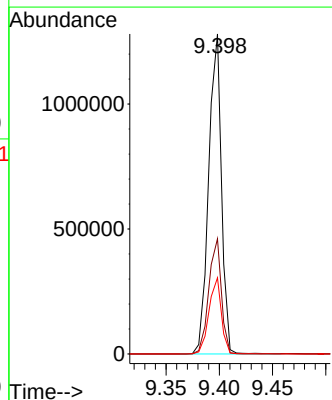
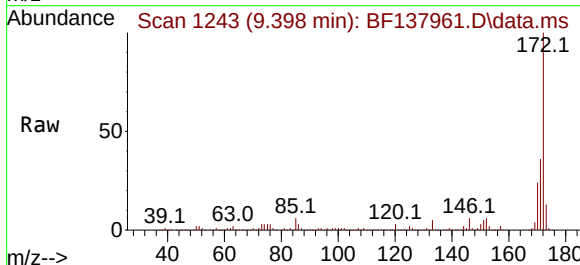
Tgt Ion:172 Resp: 1071501

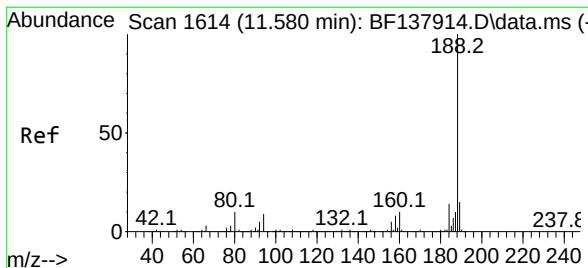
Ion Ratio Lower Upper

172 100

171 36.0 28.9 43.3

170 23.8 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.575 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137961.D

Acq: 20 May 2024 16:08

Instrument :

BNA_F

ClientSampleId :

WC-MH-LL

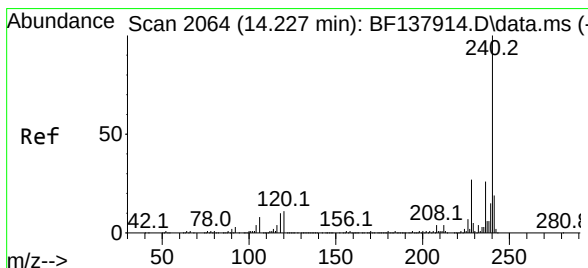
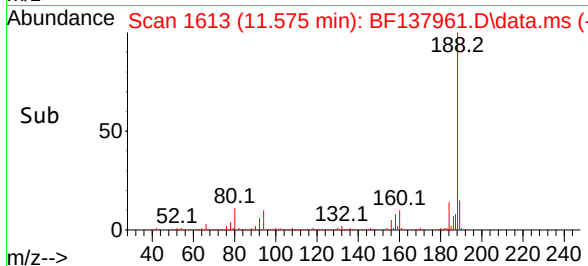
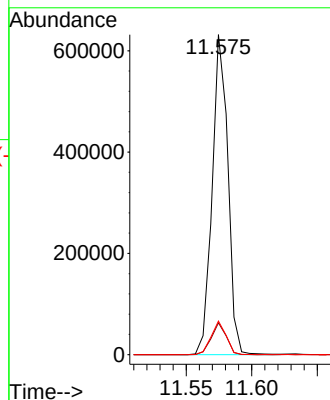
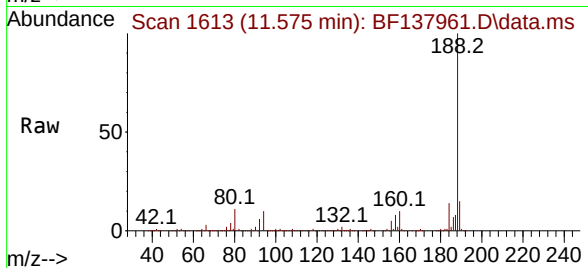
Tgt Ion:188 Resp: 526574

Ion Ratio Lower Upper

188 100

94 9.9 7.0 10.4

80 10.5 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.222 min Scan# 2063

Delta R.T. -0.006 min

Lab File: BF137961.D

Acq: 20 May 2024 16:08

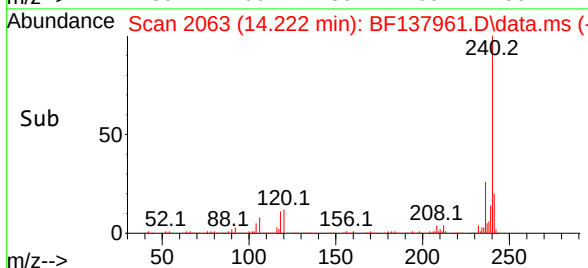
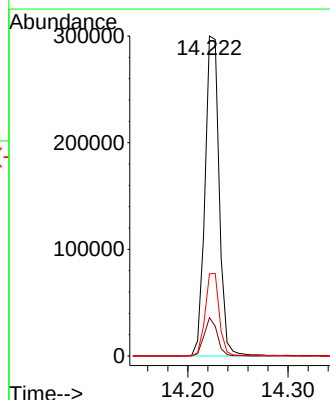
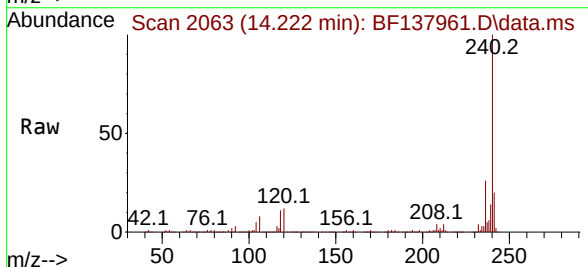
Tgt Ion:240 Resp: 297019

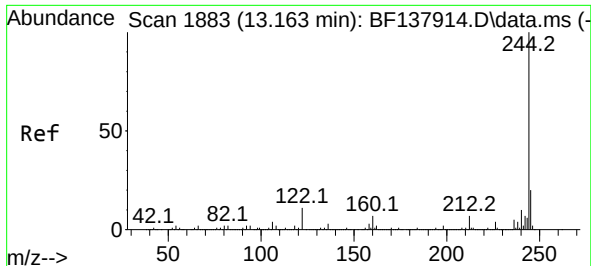
Ion Ratio Lower Upper

240 100

120 12.0 8.9 13.3

236 25.7 21.0 31.4

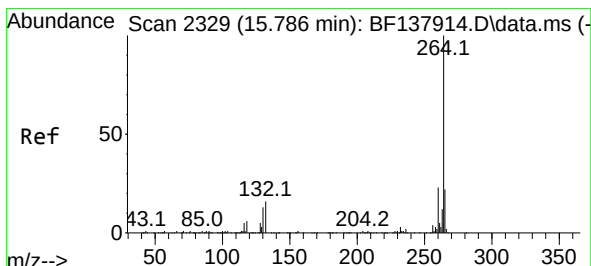
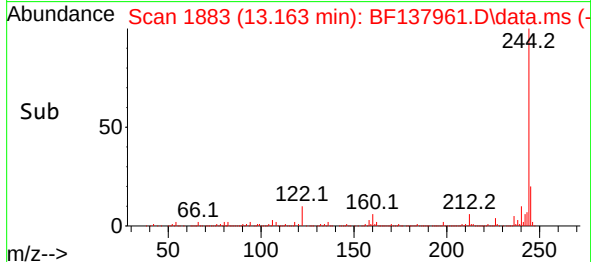
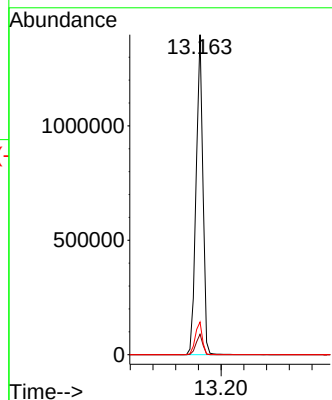
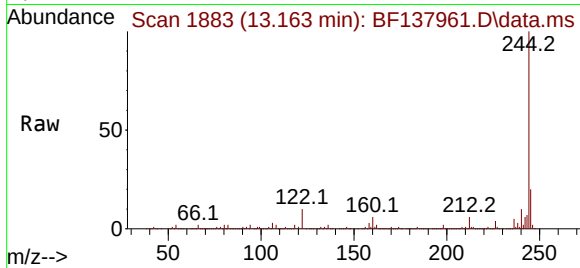




#79
 Terphenyl-d14
 Concen: 57.949 ng
 RT: 13.163 min Scan# 1883
 Delta R.T. 0.000 min
 Lab File: BF137961.D
 Acq: 20 May 2024 16:08

Instrument :
 BNA_F
 ClientSampleId :
 WC-MH-LL

Tgt Ion:244 Resp: 1167860
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.6 8.4
 122 10.2 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.786 min Scan# 2329
 Delta R.T. 0.000 min
 Lab File: BF137961.D
 Acq: 20 May 2024 16:08

Tgt Ion:264 Resp: 339559
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.3 27.5
 265 21.6 17.6 26.4

