

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052224\
 Data File : BF138001.D
 Acq On : 22 May 2024 12:43
 Operator : CG\JU
 Sample : PB161034BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161034BL

Quant Time: May 22 13:05:25 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	7.034	152	154349	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	609807	20.000	ng	-0.01
39) Acenaphthene-d10	10.081	164	354100	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	637889	20.000	ng	0.00
76) Chrysene-d12	14.227	240	392326	20.000	ng	0.00
86) Perylene-d12	15.792	264	302176	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	1185352	130.451	ng	0.00
7) Phenol-d6	6.651	99	1462963	130.701	ng	0.00
23) Nitrobenzene-d5	7.598	82	904208	87.262	ng	-0.01
42) 2,4,6-Tribromophenol	10.875	330	508081	142.304	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	1963017	85.394	ng	0.00
79) Terphenyl-d14	13.169	244	2352167	88.361	ng	0.00

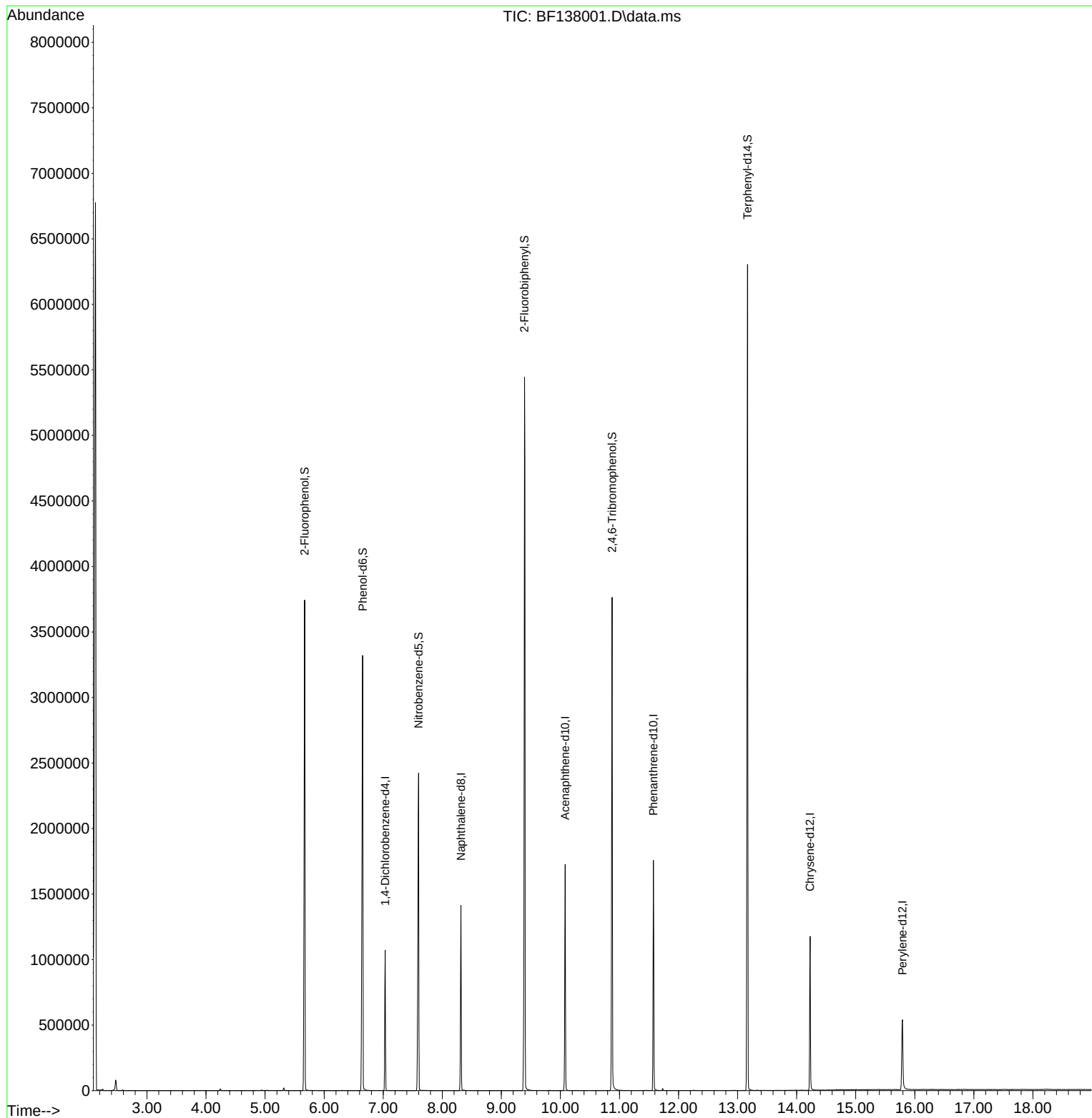
Target Compounds	Qvalue

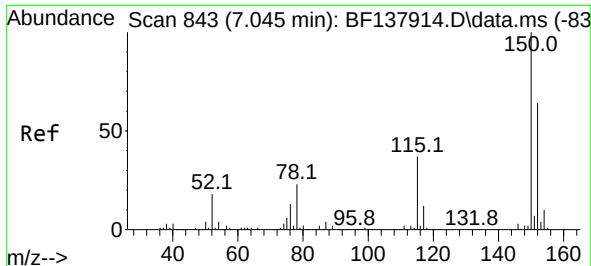
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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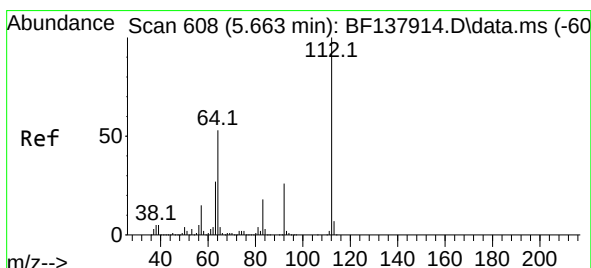
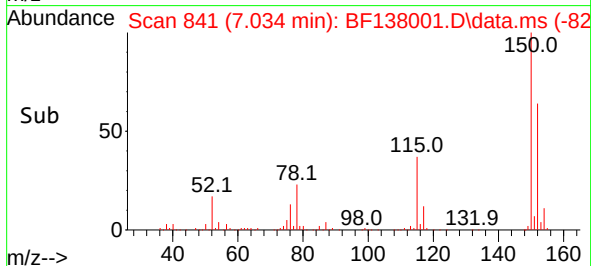
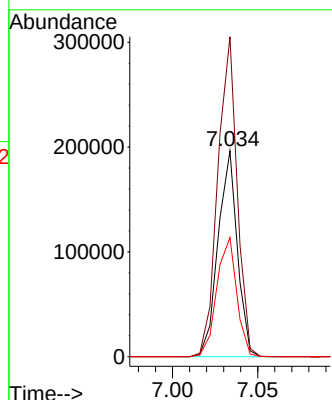
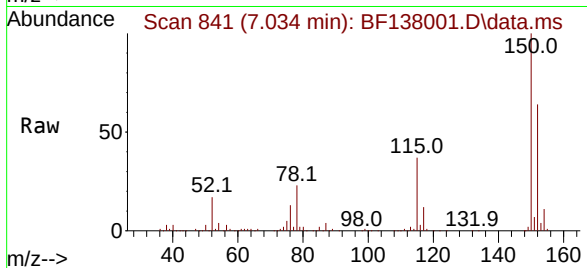




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.011 min
Lab File: BF138001.D
Acq: 22 May 2024 12:43

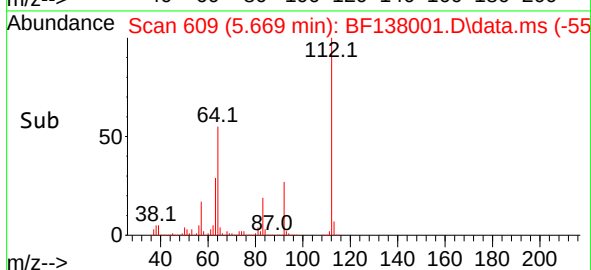
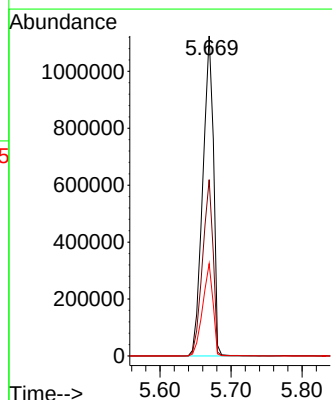
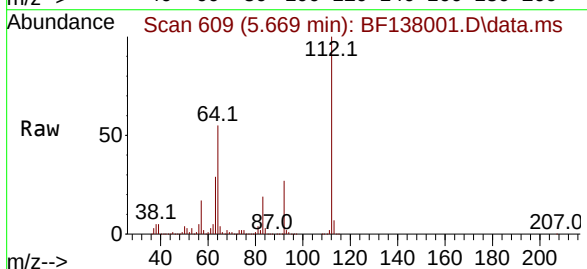
Instrument :
BNA_F
ClientSampleId :
PB161034BL

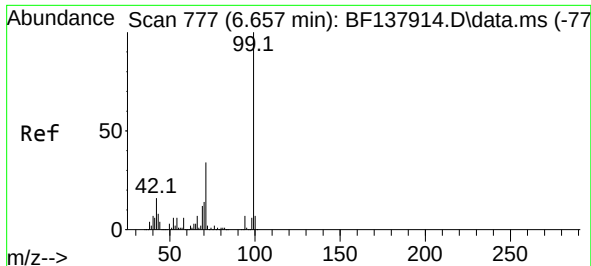
Tgt Ion:152 Resp: 154349
Ion Ratio Lower Upper
152 100
150 155.5 125.7 188.5
115 57.9 47.0 70.6



#5
2-Fluorophenol
Concen: 130.451 ng
RT: 5.669 min Scan# 609
Delta R.T. 0.006 min
Lab File: BF138001.D
Acq: 22 May 2024 12:43

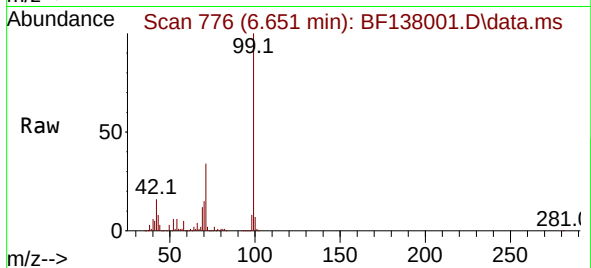
Tgt Ion:112 Resp: 1185352
Ion Ratio Lower Upper
112 100
64 55.1 42.4 63.6
63 28.9 21.4 32.2





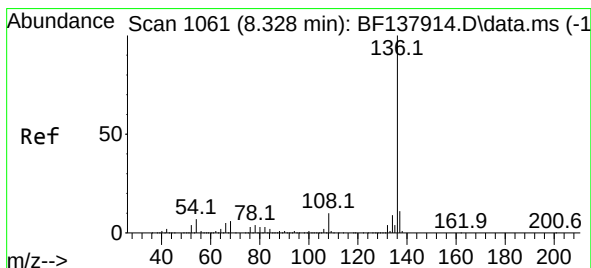
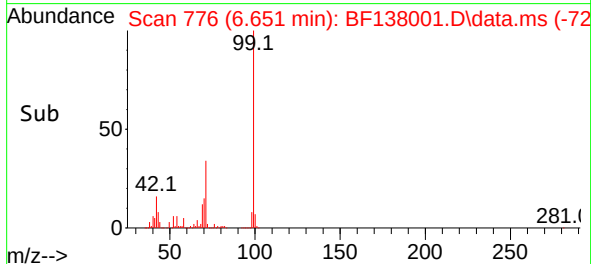
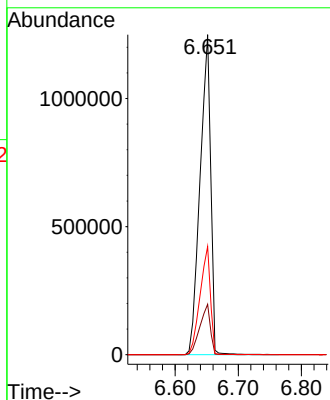
#7
Phenol-d6
Concen: 130.701 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138001.D
Acq: 22 May 2024 12:43

Instrument :
BNA_F
ClientSampleId :
PB161034BL



Tgt Ion: 99 Resp: 1462963

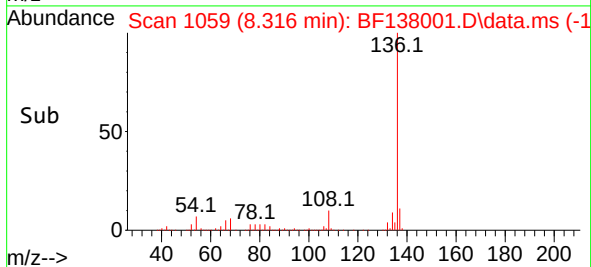
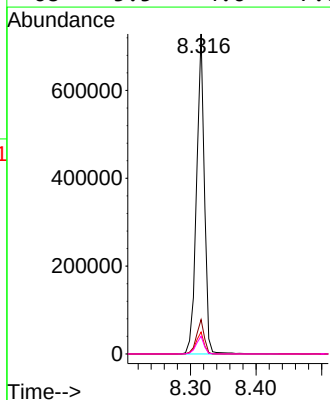
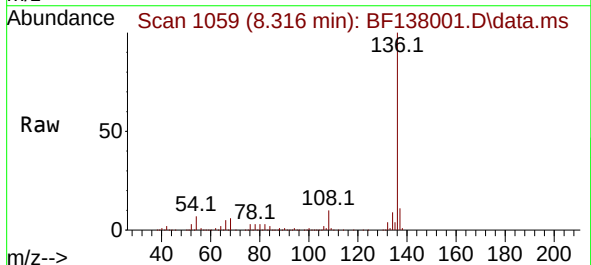
Ion	Ratio	Lower	Upper
99	100		
42	15.8	12.6	18.8
71	33.8	27.1	40.7

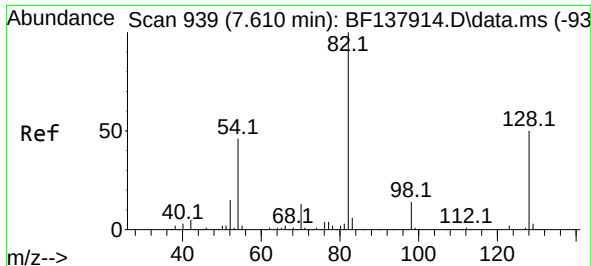


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF138001.D
Acq: 22 May 2024 12:43

Tgt Ion: 136 Resp: 609807

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.9	5.4	8.2
68	5.5	4.6	7.0





#23

Nitrobenzene-d5

Concen: 87.262 ng

RT: 7.598 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF138001.D

Acq: 22 May 2024 12:43

Instrument :

BNA_F

ClientSampleId :

PB161034BL

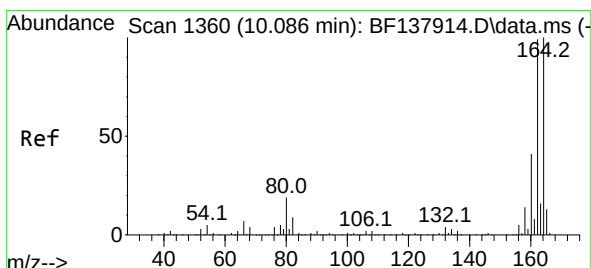
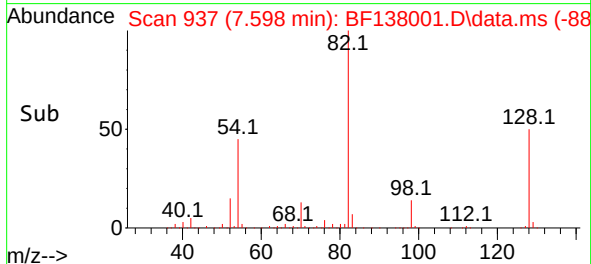
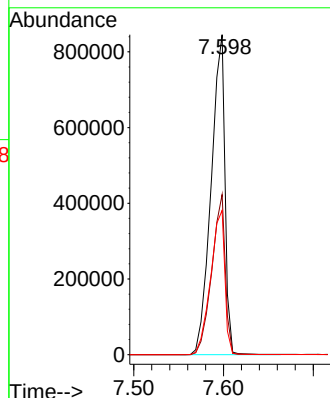
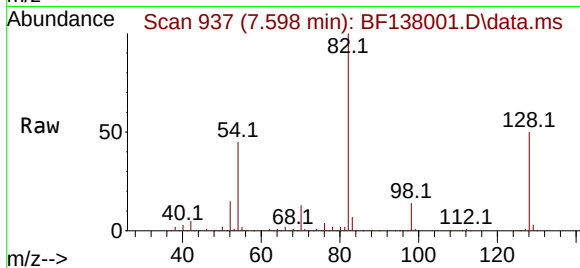
Tgt Ion: 82 Resp: 904208

Ion Ratio Lower Upper

82 100

128 50.1 40.3 60.5

54 45.1 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: BF138001.D

Acq: 22 May 2024 12:43

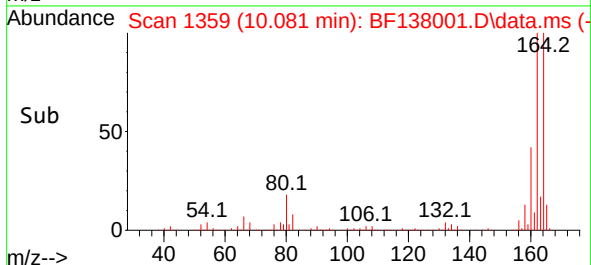
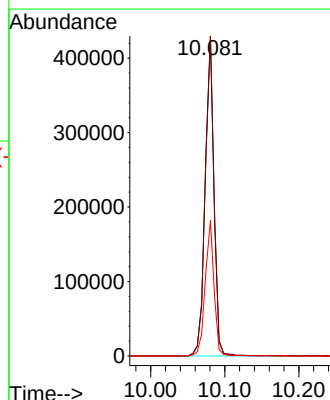
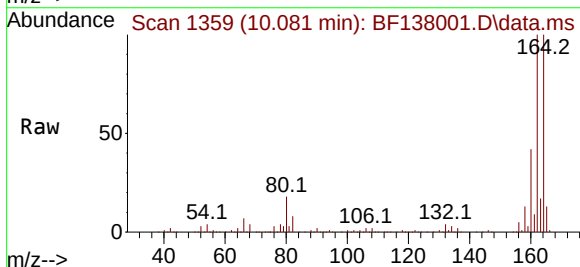
Tgt Ion:164 Resp: 354100

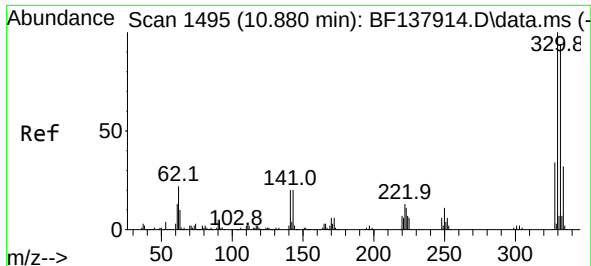
Ion Ratio Lower Upper

164 100

162 100.0 79.4 119.2

160 42.4 33.1 49.7

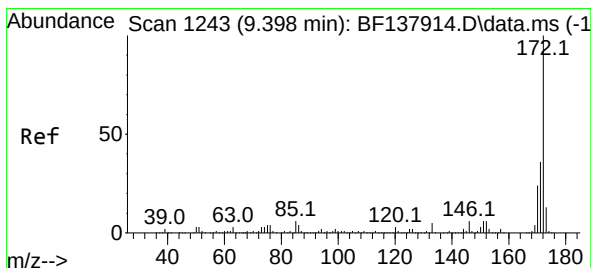
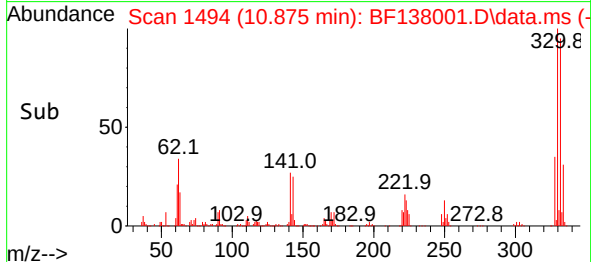
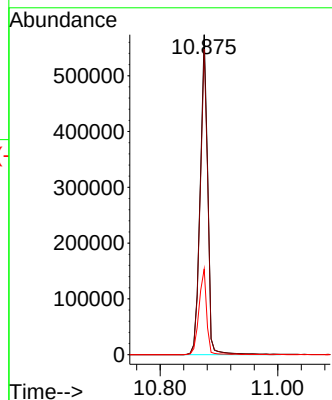
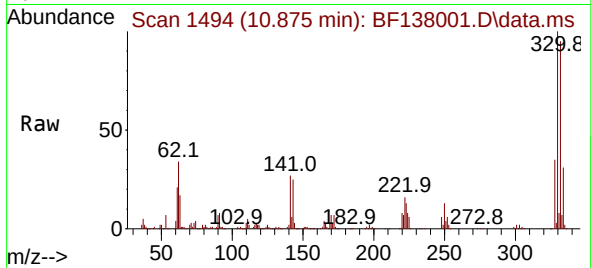




#42
2,4,6-Tribromophenol
Concen: 142.304 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF138001.D
Acq: 22 May 2024 12:43

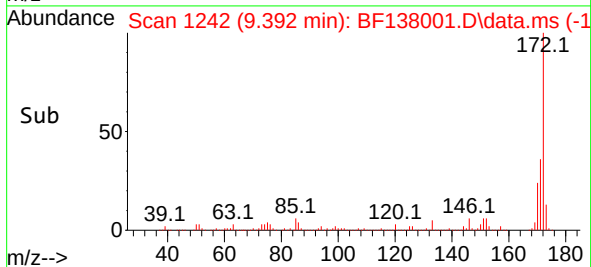
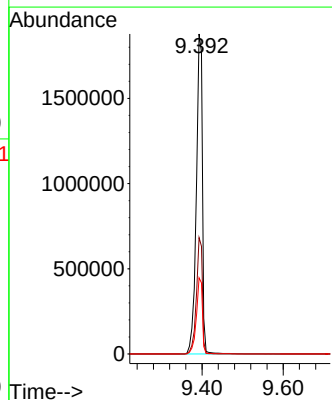
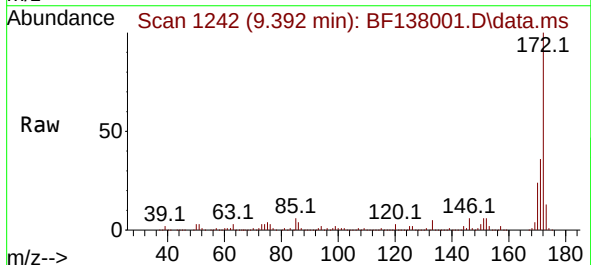
Instrument :
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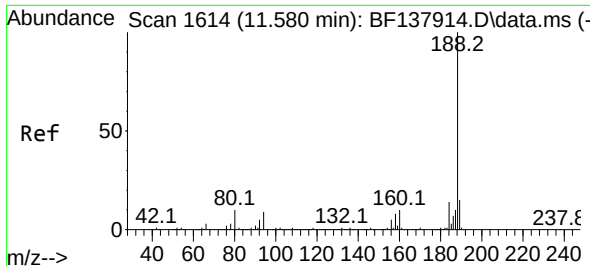
Tgt Ion:330 Resp: 508081
Ion Ratio Lower Upper
330 100
332 96.1 75.8 113.8
141 27.4 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 85.394 ng
RT: 9.392 min Scan# 1242
Delta R.T. -0.006 min
Lab File: BF138001.D
Acq: 22 May 2024 12:43

Tgt Ion:172 Resp: 1963017
Ion Ratio Lower Upper
172 100
171 36.4 28.9 43.3
170 23.8 18.9 28.3

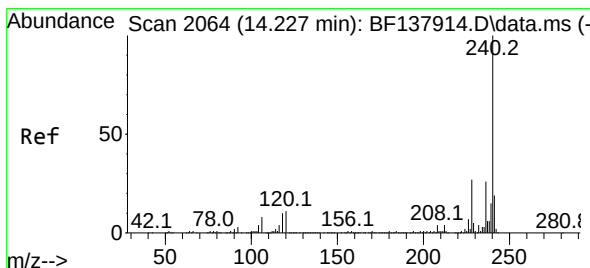
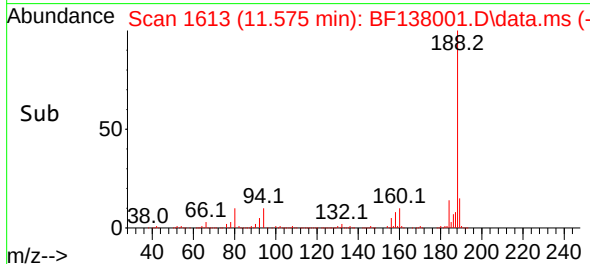
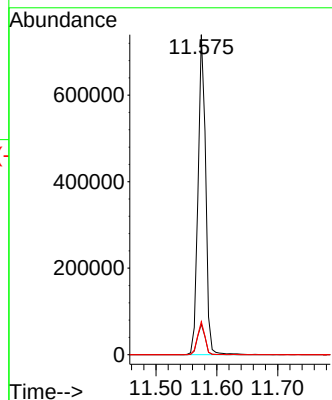
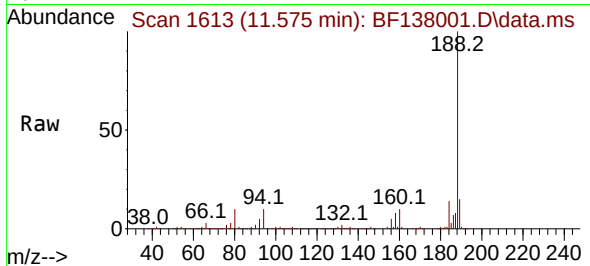




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.575 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF138001.D
Acq: 22 May 2024 12:43

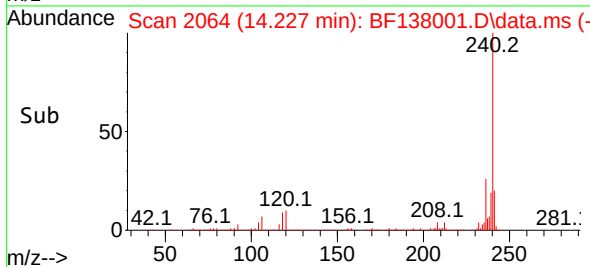
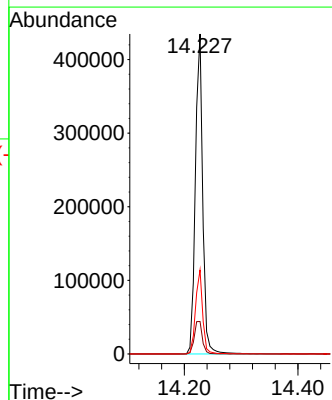
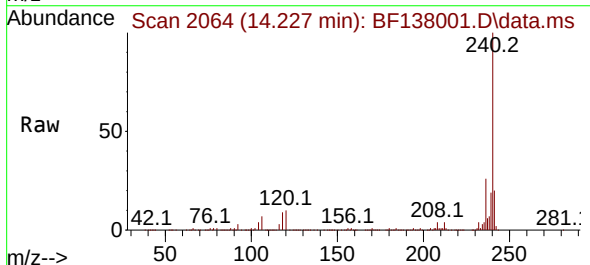
Instrument :
BNA_F
ClientSampleId :
PB161034BL

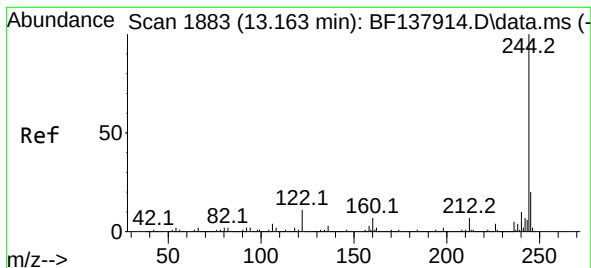
Tgt Ion:188 Resp: 637889
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.4
80 10.4 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.227 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BF138001.D
Acq: 22 May 2024 12:43

Tgt Ion:240 Resp: 392326
Ion Ratio Lower Upper
240 100
120 10.2 8.9 13.3
236 26.2 21.0 31.4





#79

Terphenyl-d14

Concen: 88.361 ng

RT: 13.169 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF138001.D

Acq: 22 May 2024 12:43

Instrument :

BNA_F

ClientSampleId :

PB161034BL

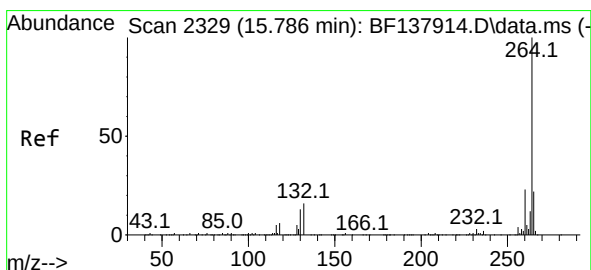
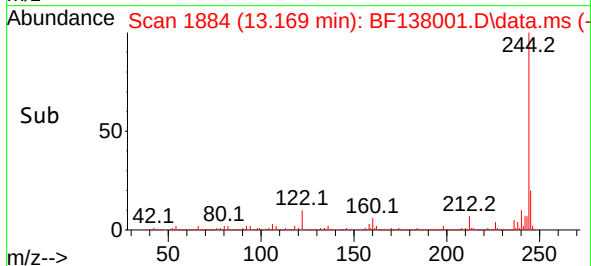
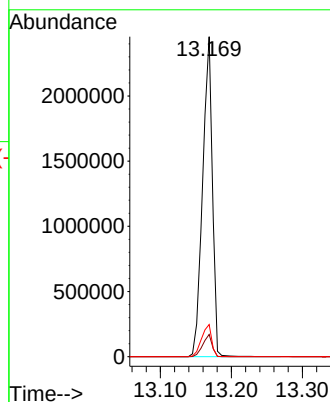
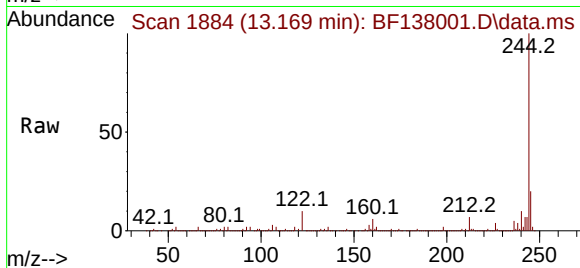
Tgt Ion:244 Resp: 2352167

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.1 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.792 min Scan# 2330

Delta R.T. 0.006 min

Lab File: BF138001.D

Acq: 22 May 2024 12:43

Tgt Ion:264 Resp: 302176

Ion Ratio Lower Upper

264 100

260 23.4 18.3 27.5

265 21.1 17.6 26.4

