

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052224\
 Data File : BF137996.D
 Acq On : 22 May 2024 10:16
 Operator : CG\JU
 Sample : PB161030BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161030BL

Quant Time: May 22 11:18:33 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	139355	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	550979	20.000	ng	-0.01
39) Acenaphthene-d10	10.081	164	315202	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	574613	20.000	ng	0.00
76) Chrysene-d12	14.221	240	373875	20.000	ng	0.00
86) Perylene-d12	15.786	264	301404	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	1089747	132.833	ng	0.00
7) Phenol-d6	6.651	99	1322594	130.874	ng	0.00
23) Nitrobenzene-d5	7.592	82	820110	87.597	ng	-0.02
42) 2,4,6-Tribromophenol	10.875	330	450344	141.699	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	1765394	86.275	ng	0.00
79) Terphenyl-d14	13.163	244	2156602	85.012	ng	0.00

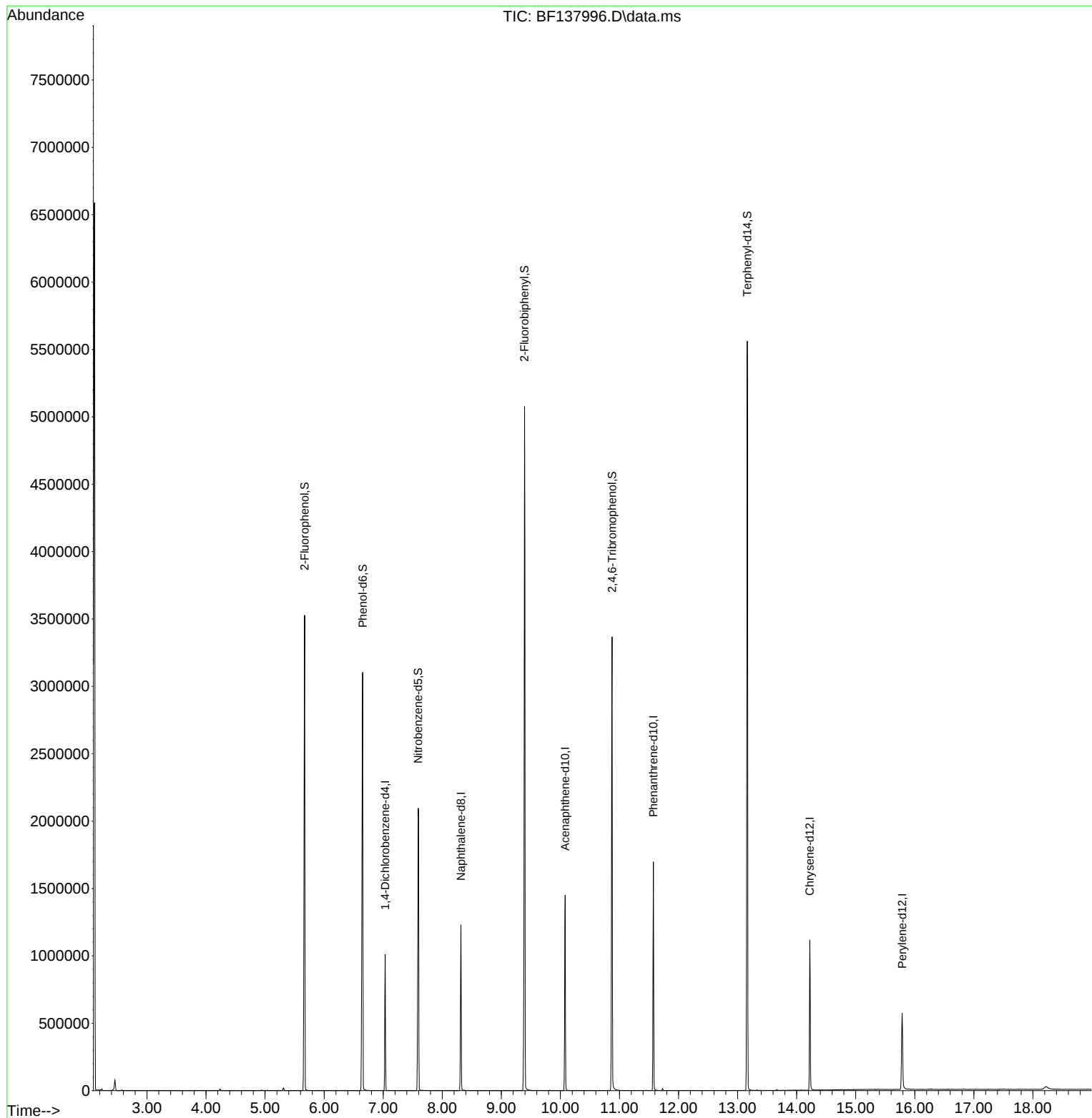
Target Compounds	Qvalue

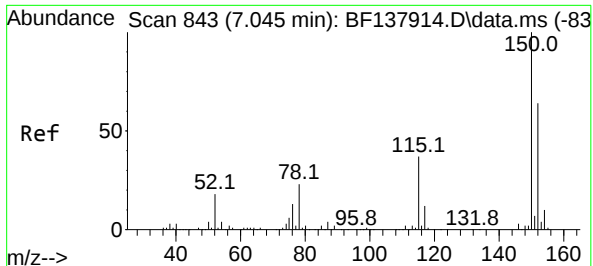
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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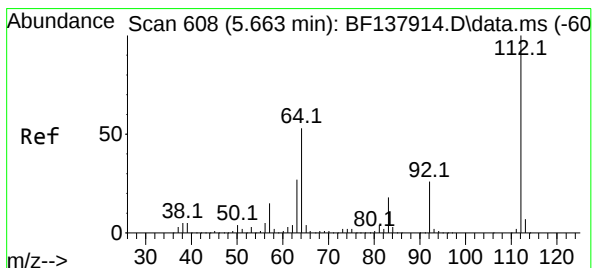
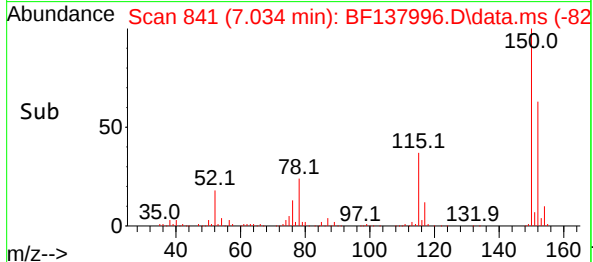
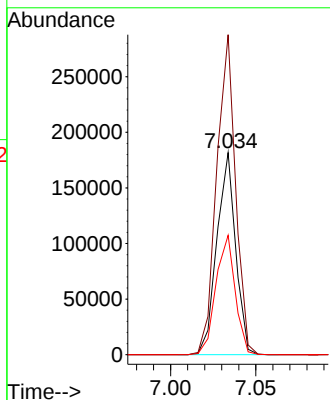
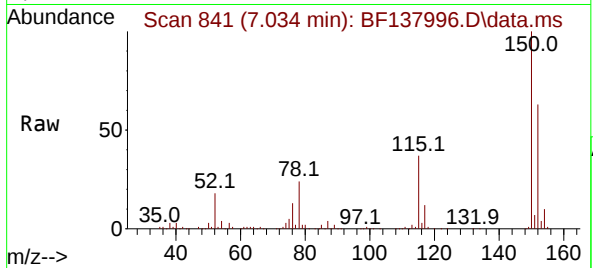




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF137996.D
Acq: 22 May 2024 10:16

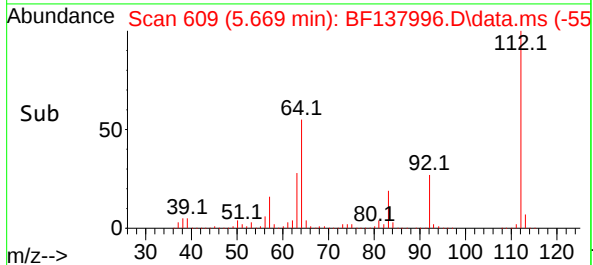
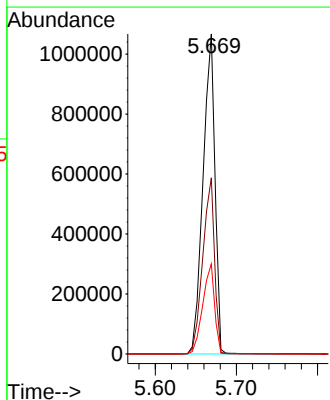
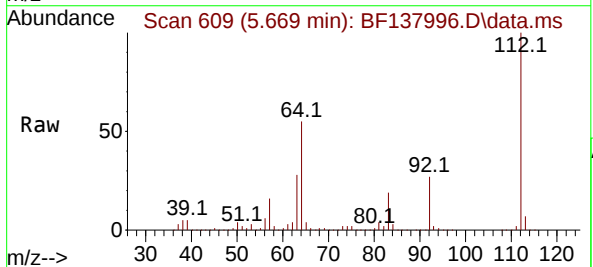
Instrument :
BNA_F
ClientSampleId :
PB161030BL

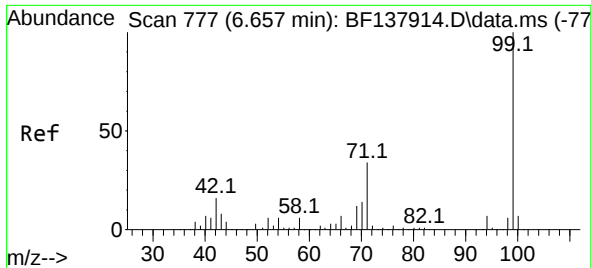
Tgt Ion:152 Resp: 139355
Ion Ratio Lower Upper
152 100
150 158.4 125.7 188.5
115 59.1 47.0 70.6



#5
2-Fluorophenol
Concen: 132.833 ng
RT: 5.669 min Scan# 609
Delta R.T. 0.006 min
Lab File: BF137996.D
Acq: 22 May 2024 10:16

Tgt Ion:112 Resp: 1089747
Ion Ratio Lower Upper
112 100
64 55.1 42.4 63.6
63 28.2 21.4 32.2



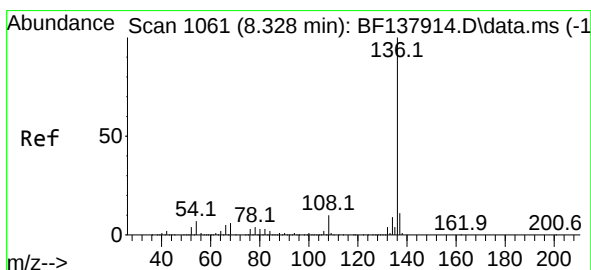
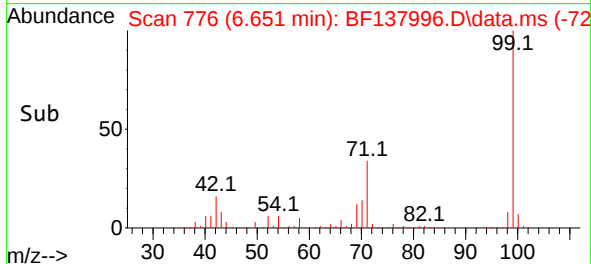
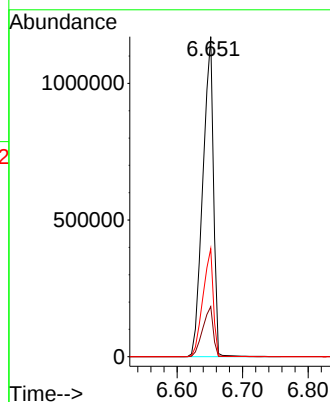
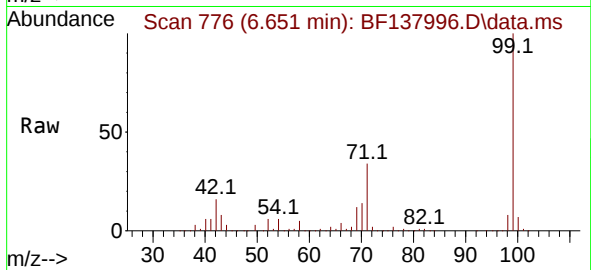


#7
Phenol-d6
Concen: 130.874 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137996.D
Acq: 22 May 2024 10:16

Instrument :
BNA_F
ClientSampleId :
PB161030BL

Tgt Ion: 99 Resp: 1322594

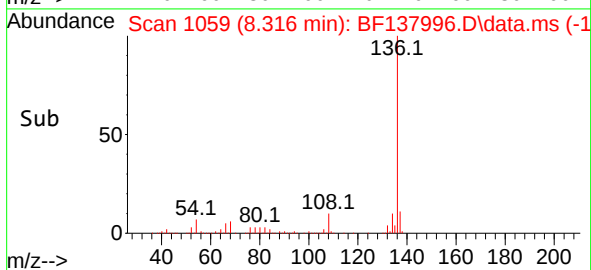
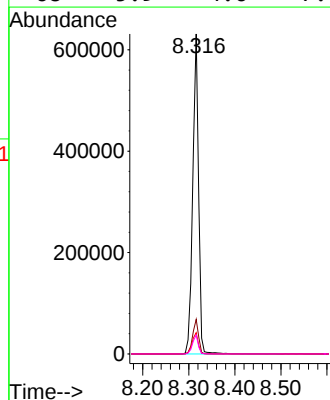
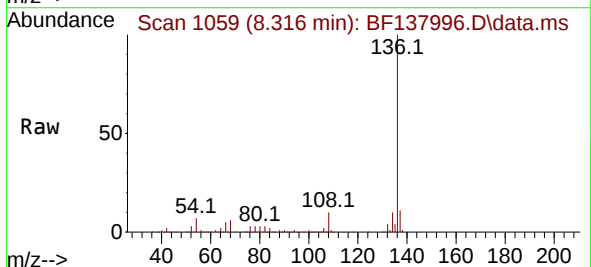
Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.6	18.8
71	33.8	27.1	40.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF137996.D
Acq: 22 May 2024 10:16

Tgt Ion: 136 Resp: 550979

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.7	5.4	8.2
68	5.9	4.6	7.0

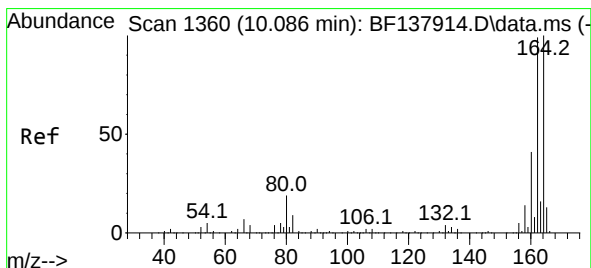
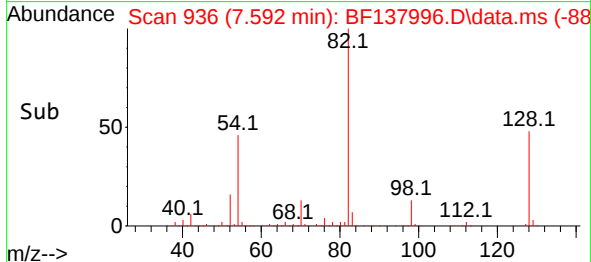
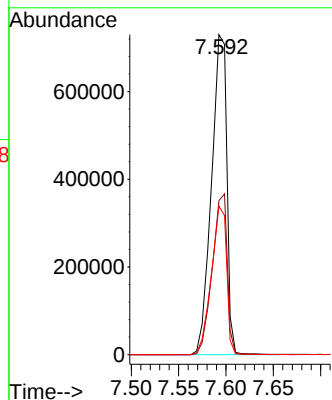
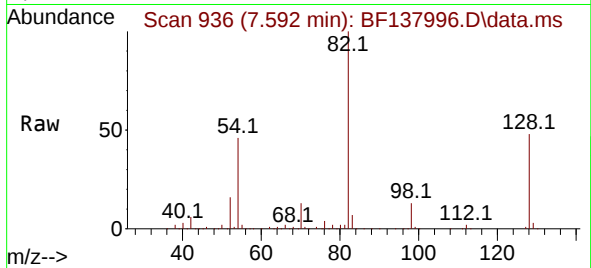




#23
Nitrobenzene-d5
Concen: 87.597 ng
RT: 7.592 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF137996.D
Acq: 22 May 2024 10:16

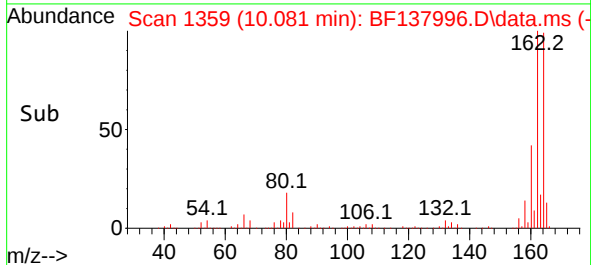
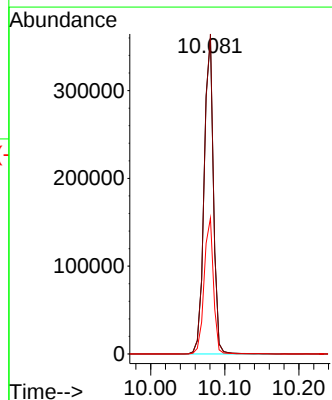
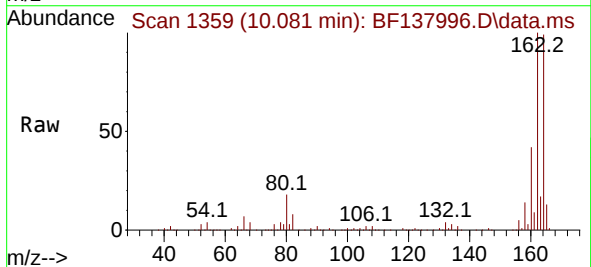
Instrument :
BNA_F
ClientSampleId :
PB161030BL

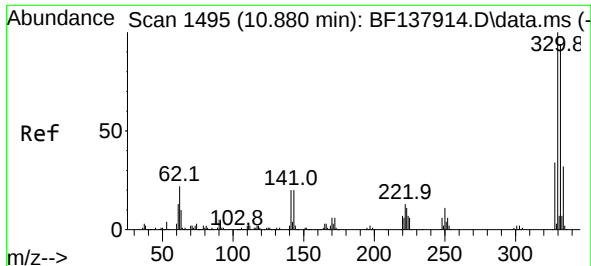
Tgt Ion: 82 Resp: 820110
Ion Ratio Lower Upper
82 100
128 48.1 40.3 60.5
54 46.4 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.005 min
Lab File: BF137996.D
Acq: 22 May 2024 10:16

Tgt Ion:164 Resp: 315202
Ion Ratio Lower Upper
164 100
162 101.3 79.4 119.2
160 43.0 33.1 49.7





#42

2,4,6-Tribromophenol

Concen: 141.699 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF137996.D

Acq: 22 May 2024 10:16

Instrument :

BNA_F

ClientSampleId :

PB161030BL

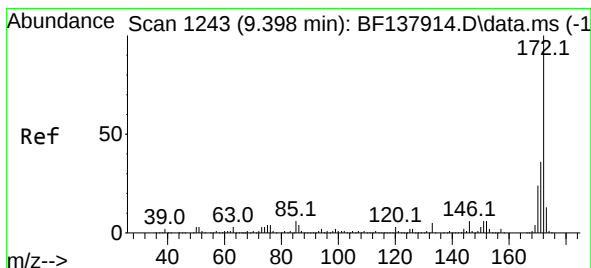
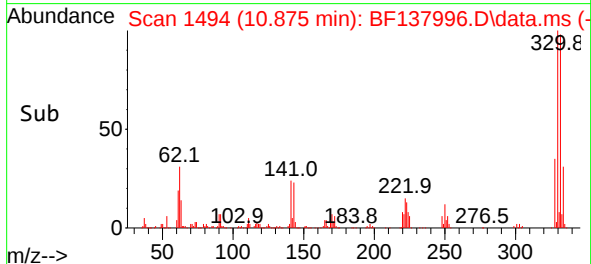
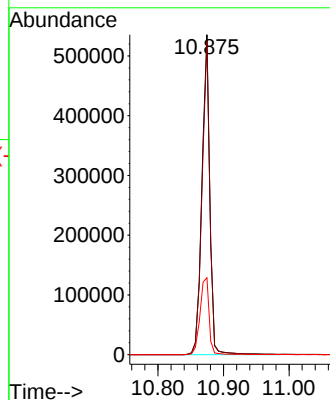
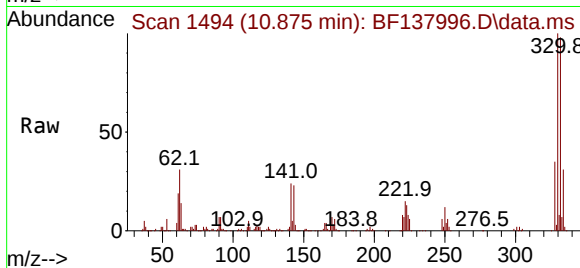
Tgt Ion:330 Resp: 450344

Ion Ratio Lower Upper

330 100

332 97.0 75.8 113.8

141 27.6 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 86.275 ng

RT: 9.392 min Scan# 1242

Delta R.T. -0.006 min

Lab File: BF137996.D

Acq: 22 May 2024 10:16

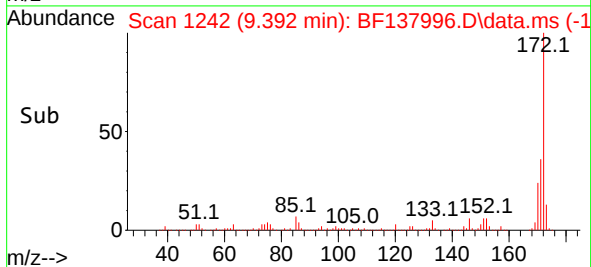
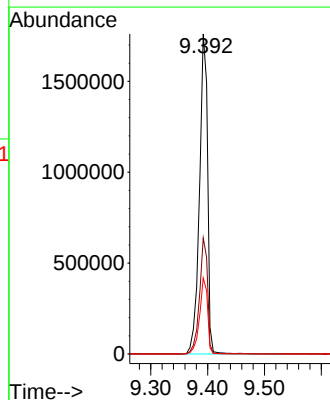
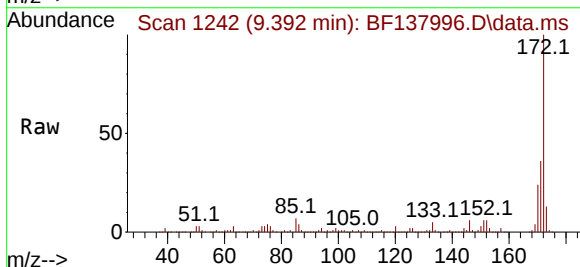
Tgt Ion:172 Resp: 1765394

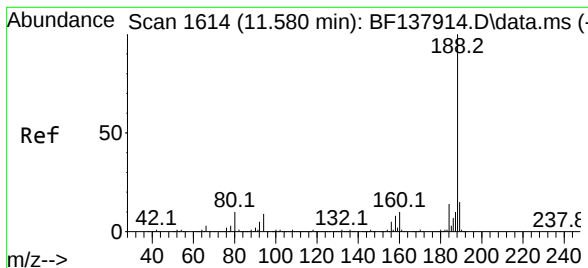
Ion Ratio Lower Upper

172 100

171 36.2 28.9 43.3

170 23.7 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: BF137996.D

Acq: 22 May 2024 10:16

Instrument :

BNA_F

ClientSampleId :

PB161030BL

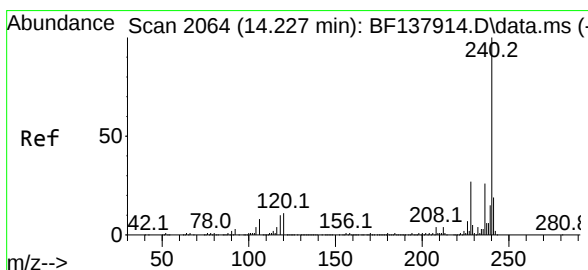
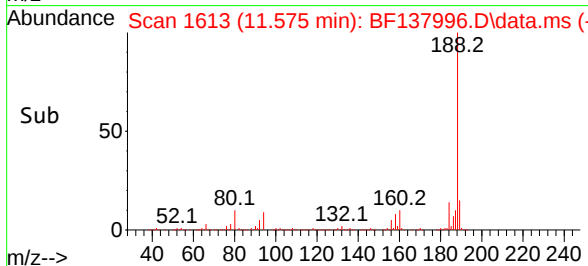
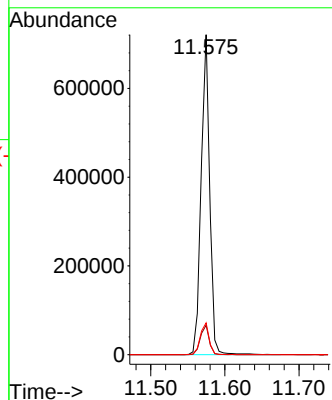
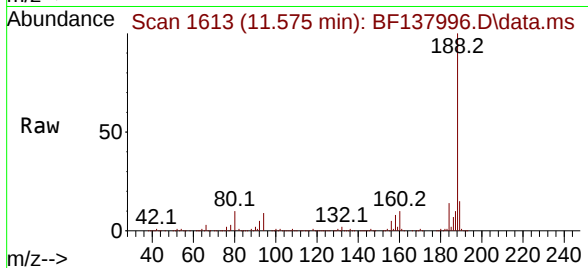
Tgt Ion:188 Resp: 574613

Ion Ratio Lower Upper

188 100

94 9.2 7.0 10.4

80 10.0 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.221 min Scan# 2063

Delta R.T. -0.006 min

Lab File: BF137996.D

Acq: 22 May 2024 10:16

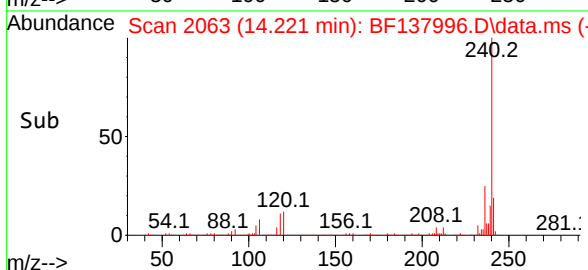
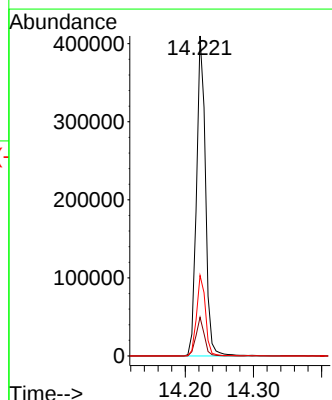
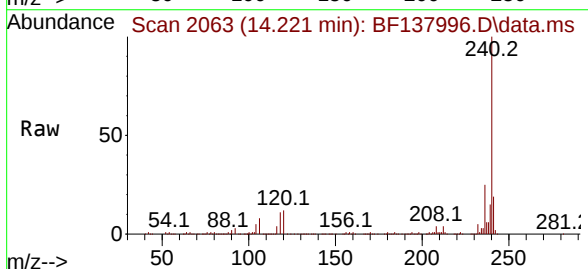
Tgt Ion:240 Resp: 373875

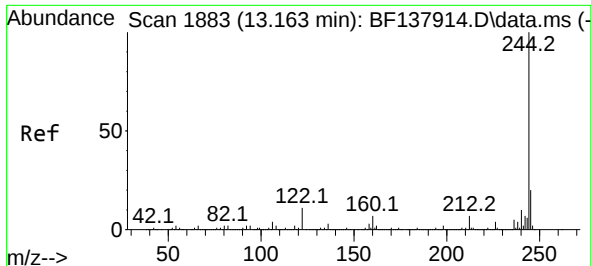
Ion Ratio Lower Upper

240 100

120 12.1 8.9 13.3

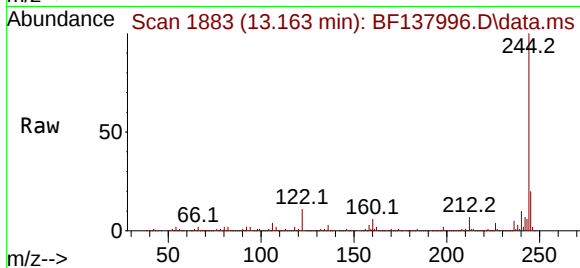
236 25.2 21.0 31.4



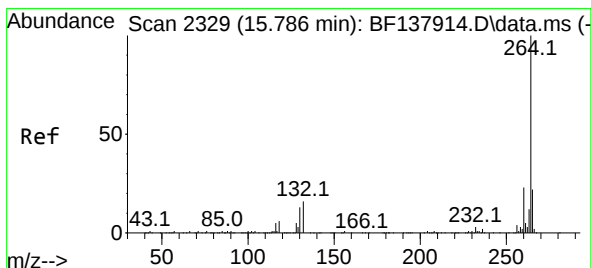
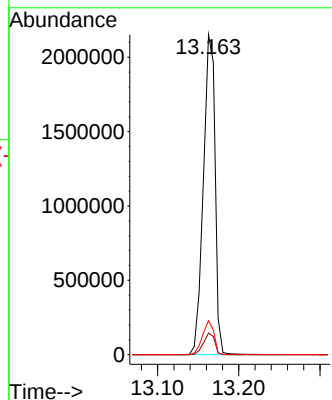
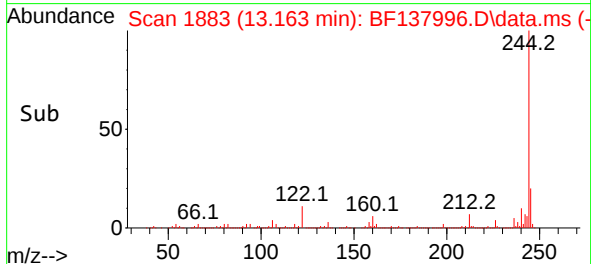


#79
 Terphenyl-d14
 Concen: 85.012 ng
 RT: 13.163 min Scan# 1883
 Delta R.T. 0.000 min
 Lab File: BF137996.D
 Acq: 22 May 2024 10:16

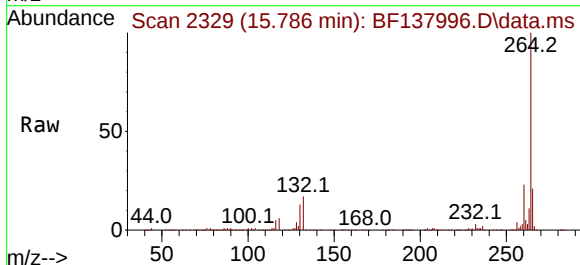
Instrument :
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Tgt Ion:244 Resp: 2156602
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 10.6 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.786 min Scan# 2329
 Delta R.T. 0.000 min
 Lab File: BF137996.D
 Acq: 22 May 2024 10:16



Tgt Ion:264 Resp: 301404
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.3 27.5
 265 21.3 17.6 26.4

