

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052924\
 Data File : BF138055.D
 Acq On : 29 May 2024 13:12
 Operator : CG\JU
 Sample : PB161170BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161170BL

Quant Time: May 29 13:37:36 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	142998	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	567269	20.000	ng	-0.01
39) Acenaphthene-d10	10.080	164	331108	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	557816	20.000	ng	0.00
76) Chrysene-d12	14.233	240	318422	20.000	ng	0.00
86) Perylene-d12	15.804	264	285543	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	1108397	131.664	ng	0.01
7) Phenol-d6	6.657	99	1334566	128.694	ng	0.00
23) Nitrobenzene-d5	7.598	82	842434	87.397	ng	-0.01
42) 2,4,6-Tribromophenol	10.880	330	458225	137.252	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1852386	86.177	ng	0.00
79) Terphenyl-d14	13.169	244	1974255	91.377	ng	0.00

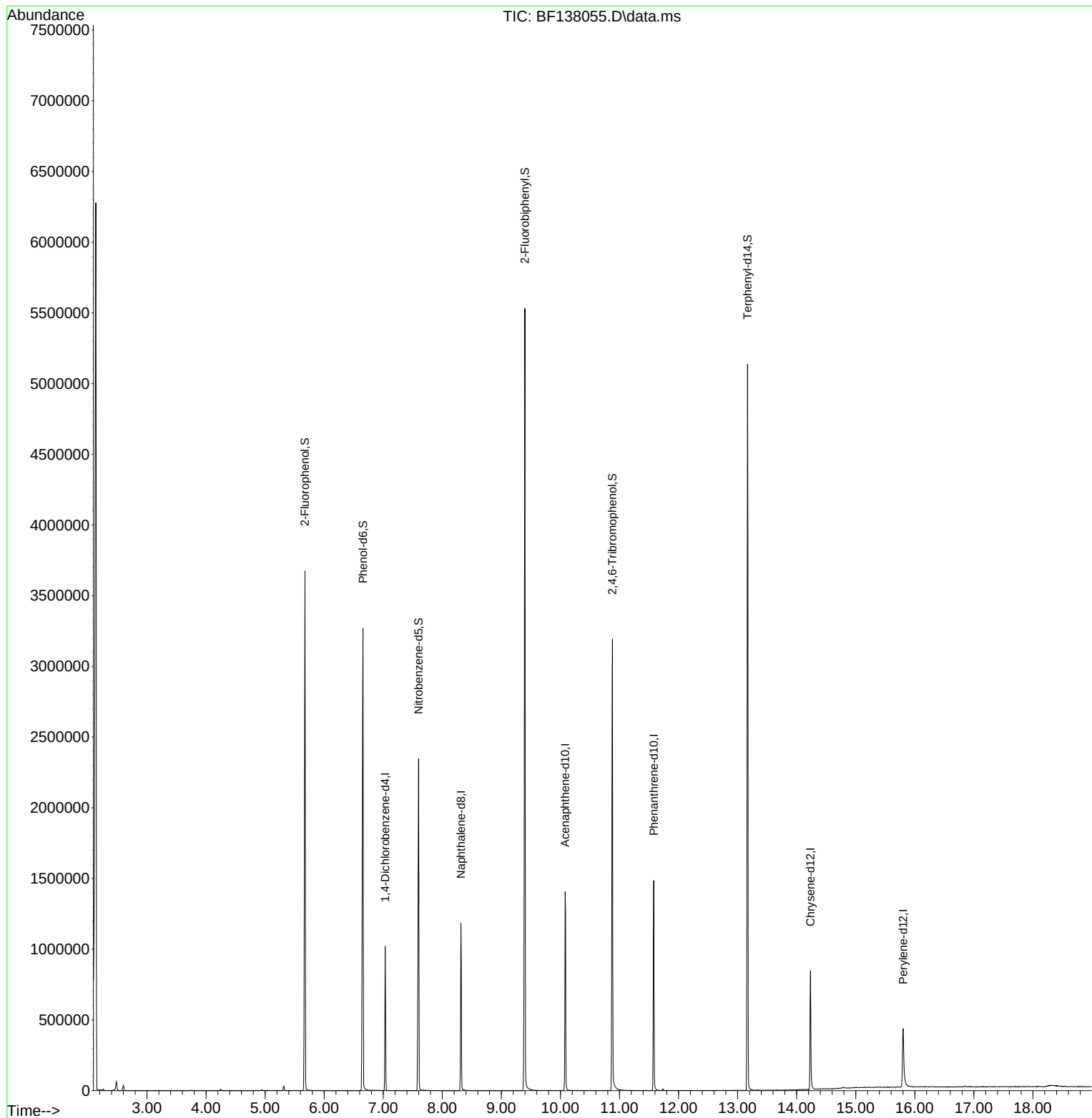
Target Compounds	Qvalue

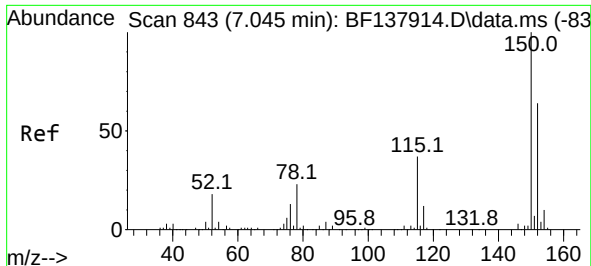
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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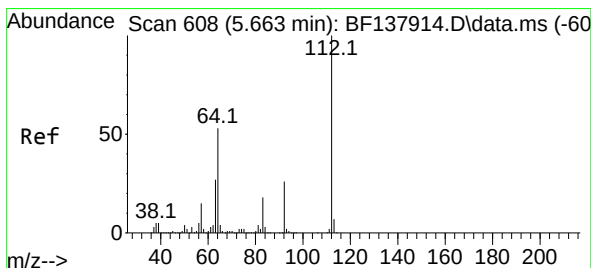
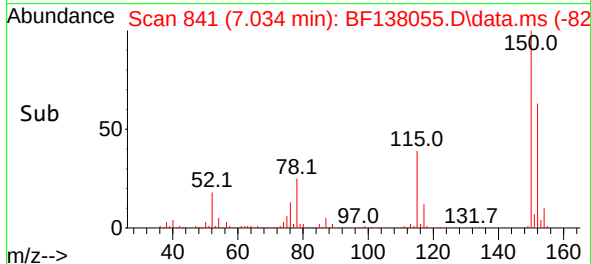
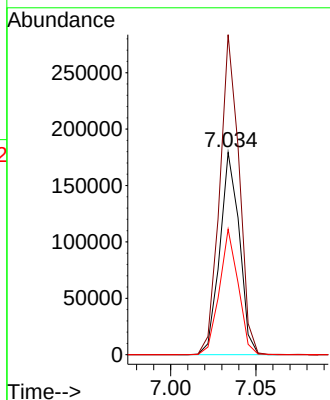
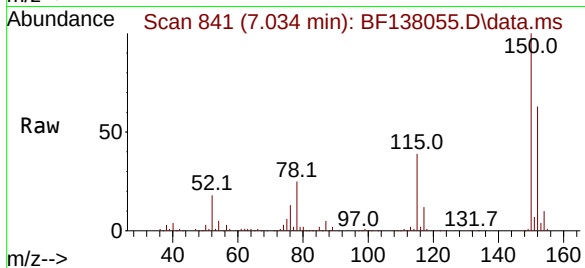




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF138055.D
Acq: 29 May 2024 13:12

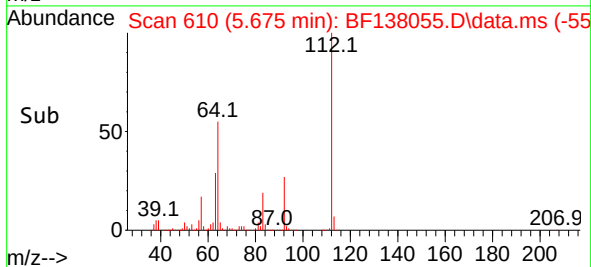
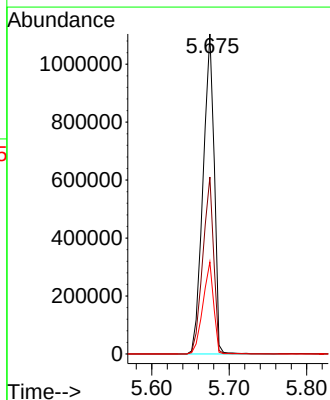
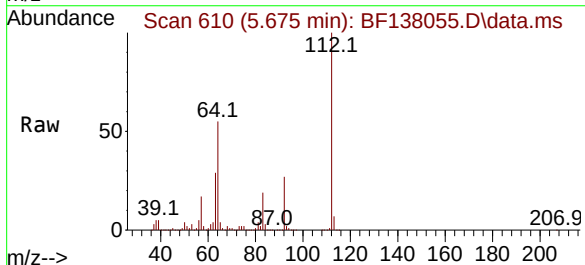
Instrument :
BNA_F
ClientSampleId :
PB161170BL

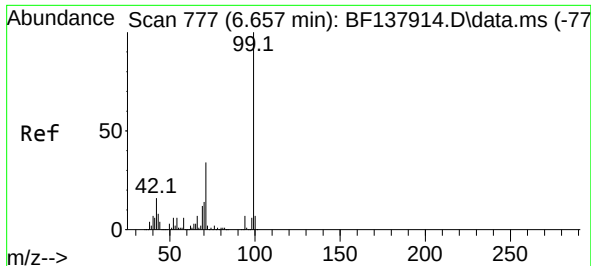
Tgt Ion:152 Resp: 142998
Ion Ratio Lower Upper
152 100
150 158.2 125.7 188.5
115 62.0 47.0 70.6



#5
2-Fluorophenol
Concen: 131.664 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF138055.D
Acq: 29 May 2024 13:12

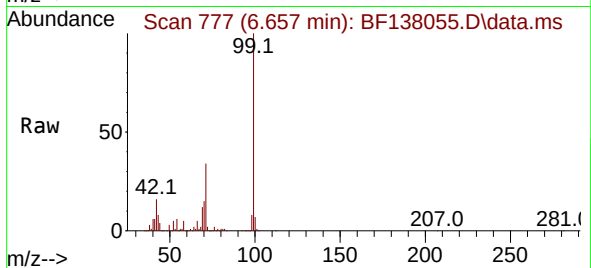
Tgt Ion:112 Resp: 1108397
Ion Ratio Lower Upper
112 100
64 55.3 42.4 63.6
63 28.7 21.4 32.2





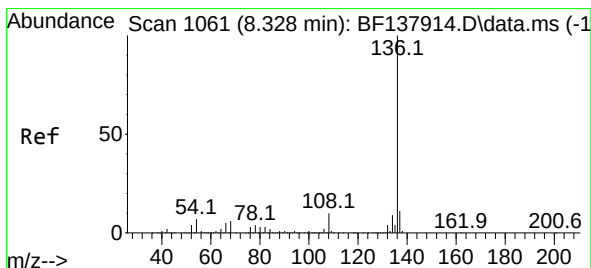
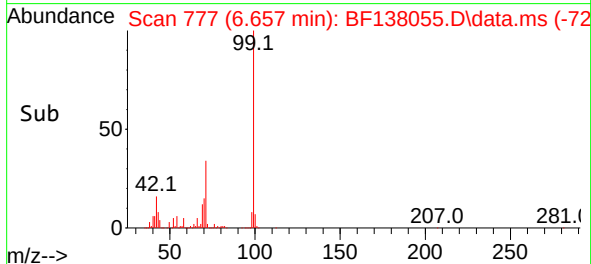
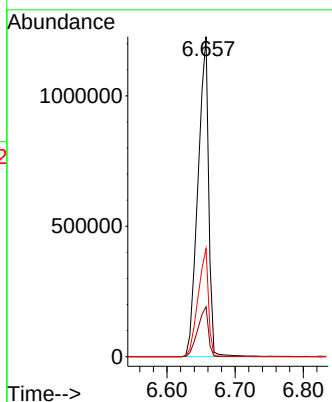
#7
Phenol-d6
Concen: 128.694 ng
RT: 6.657 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138055.D
Acq: 29 May 2024 13:12

Instrument :
BNA_F
ClientSampleId :
PB161170BL



Tgt Ion: 99 Resp: 1334566

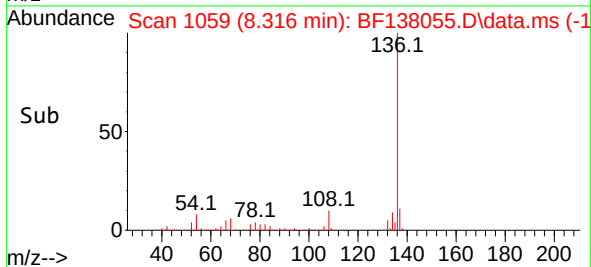
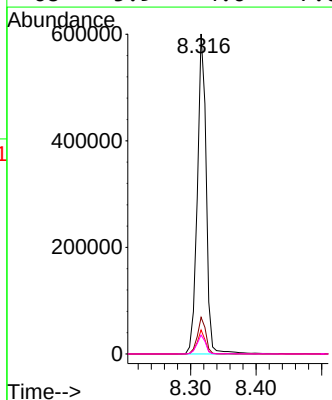
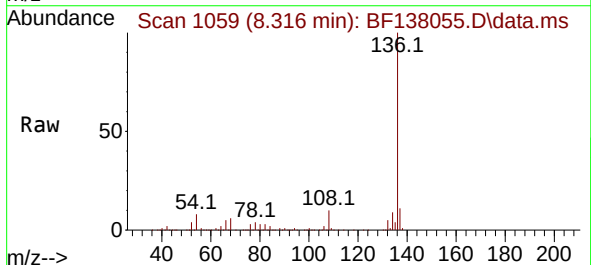
Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.6	18.8
71	33.7	27.1	40.7

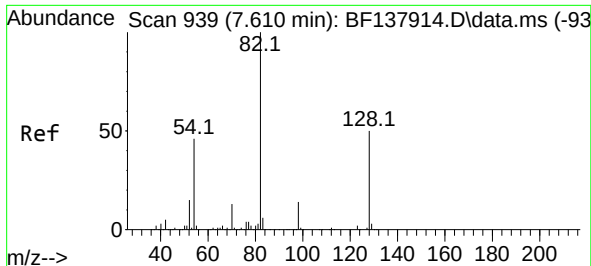


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF138055.D
Acq: 29 May 2024 13:12

Tgt Ion: 136 Resp: 567269

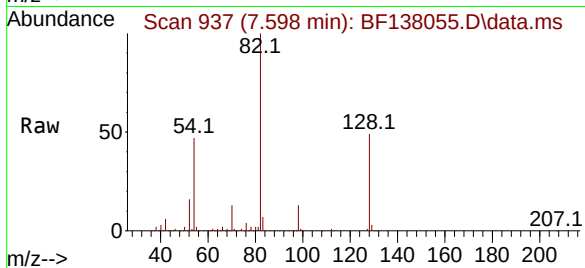
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	7.5	5.4	8.2
68	5.9	4.6	7.0



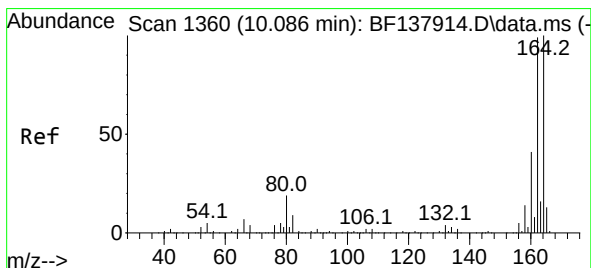
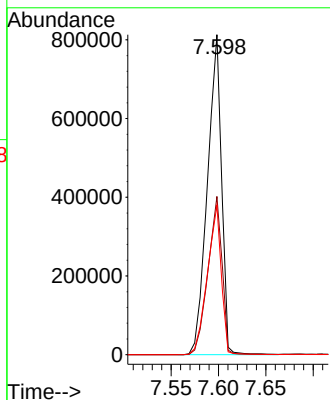
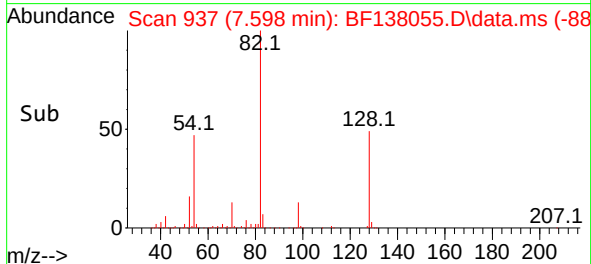


#23
Nitrobenzene-d5
Concen: 87.397 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF138055.D
Acq: 29 May 2024 13:12

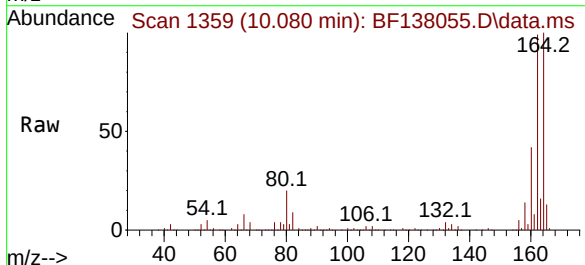
Instrument :
BNA_F
ClientSampleId :
PB161170BL



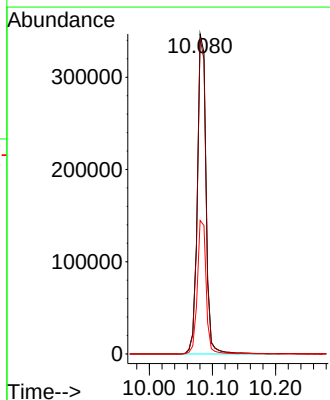
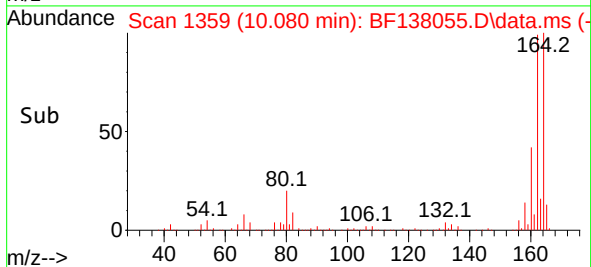
Tgt Ion: 82 Resp: 842434
Ion Ratio Lower Upper
82 100
128 49.5 40.3 60.5
54 46.7 36.8 55.2

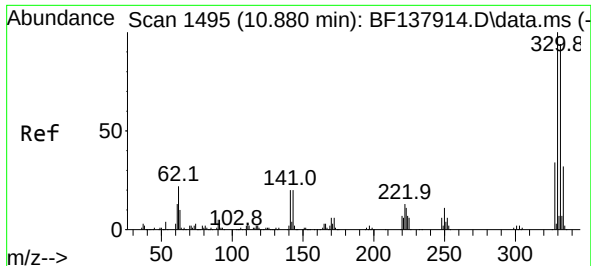


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF138055.D
Acq: 29 May 2024 13:12



Tgt Ion: 164 Resp: 331108
Ion Ratio Lower Upper
164 100
162 98.8 79.4 119.2
160 41.7 33.1 49.7





#42

2,4,6-Tribromophenol

Concen: 137.252 ng

RT: 10.880 min Scan# 1495

Delta R.T. 0.000 min

Lab File: BF138055.D

Acq: 29 May 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB161170BL

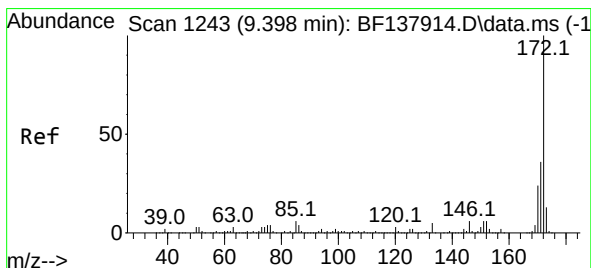
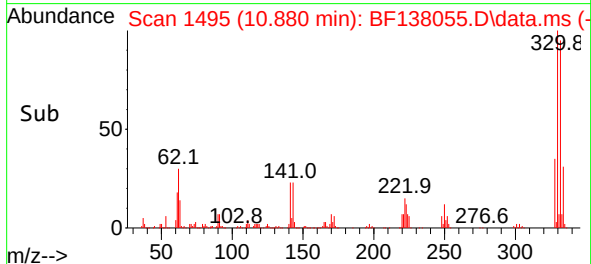
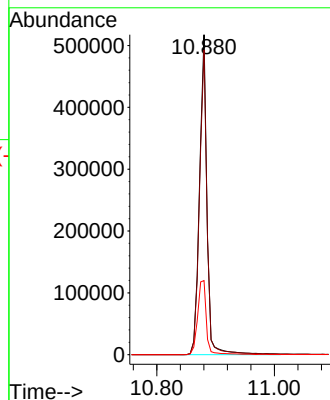
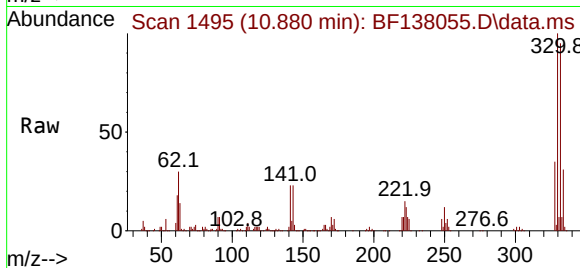
Tgt Ion:330 Resp: 458225

Ion Ratio Lower Upper

330 100

332 96.7 75.8 113.8

141 27.2 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 86.177 ng

RT: 9.398 min Scan# 1243

Delta R.T. 0.000 min

Lab File: BF138055.D

Acq: 29 May 2024 13:12

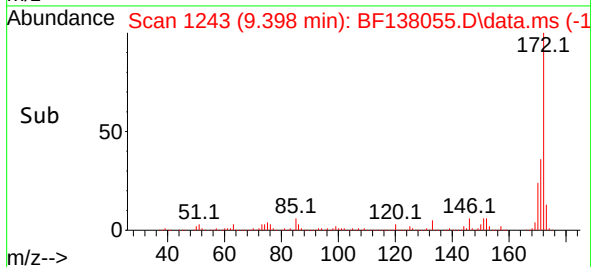
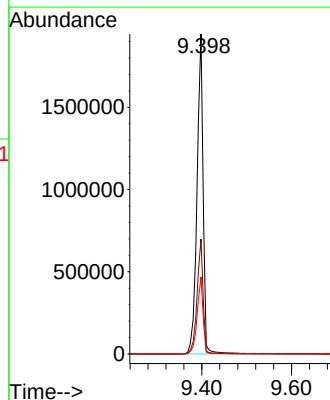
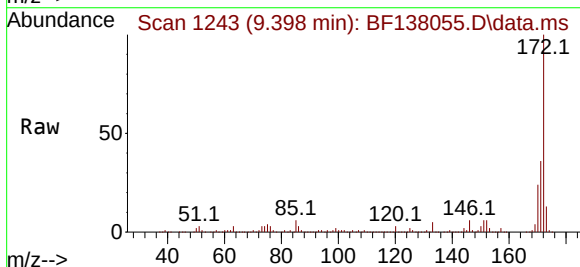
Tgt Ion:172 Resp: 1852386

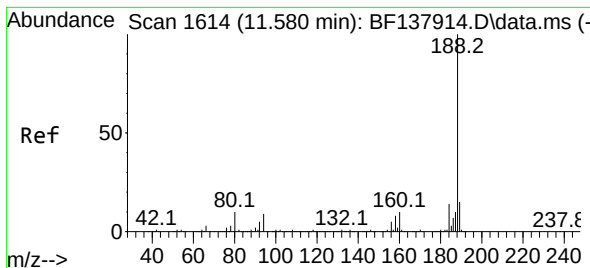
Ion Ratio Lower Upper

172 100

171 35.9 28.9 43.3

170 24.0 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.580 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138055.D

Acq: 29 May 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB161170BL

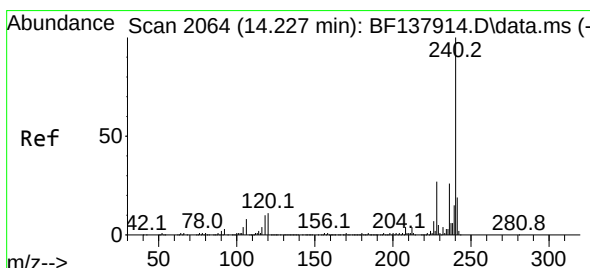
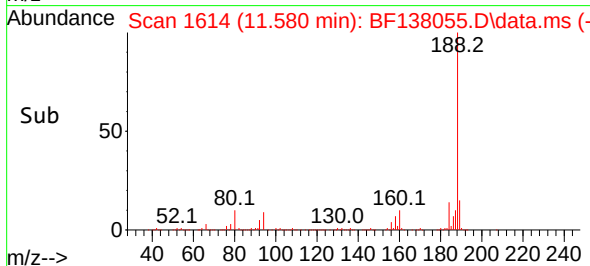
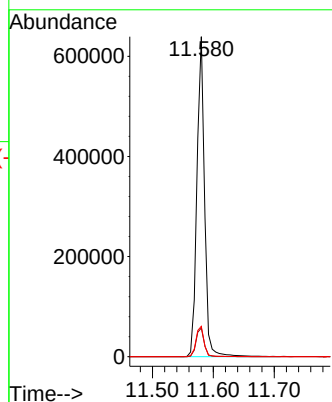
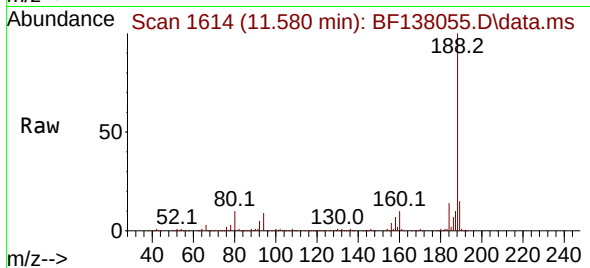
Tgt Ion:188 Resp: 557816

Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.4

80 9.5 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.233 min Scan# 2065

Delta R.T. 0.006 min

Lab File: BF138055.D

Acq: 29 May 2024 13:12

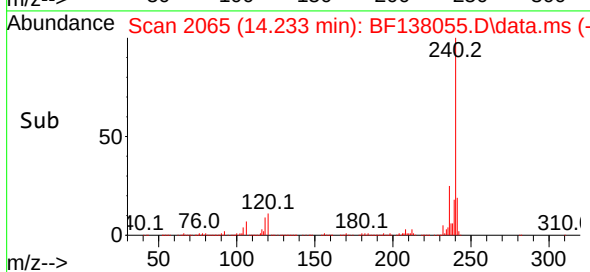
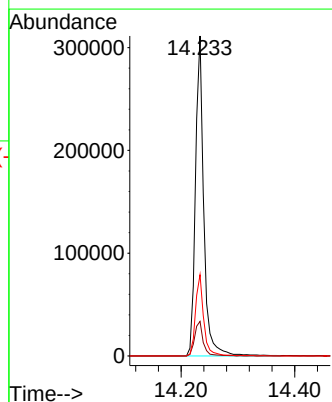
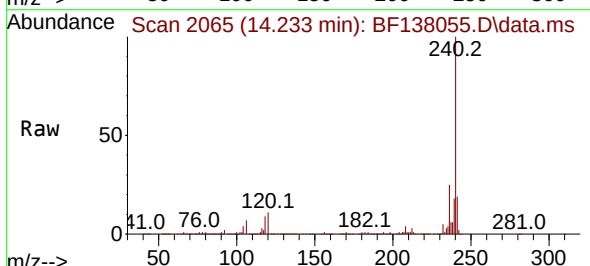
Tgt Ion:240 Resp: 318422

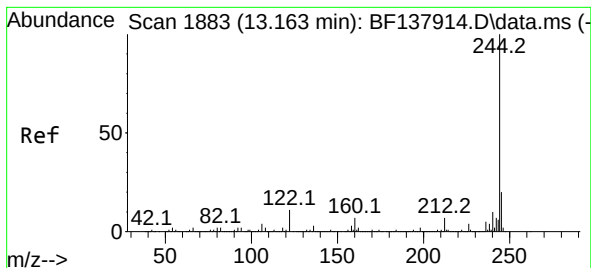
Ion Ratio Lower Upper

240 100

120 10.8 8.9 13.3

236 25.4 21.0 31.4





#79

Terphenyl-d14

Concen: 91.377 ng

RT: 13.169 min Scan# 1883

Delta R.T. 0.006 min

Lab File: BF138055.D

Acq: 29 May 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB161170BL

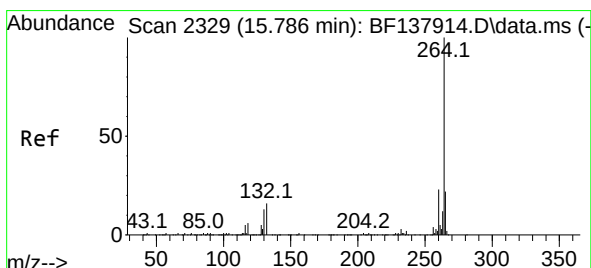
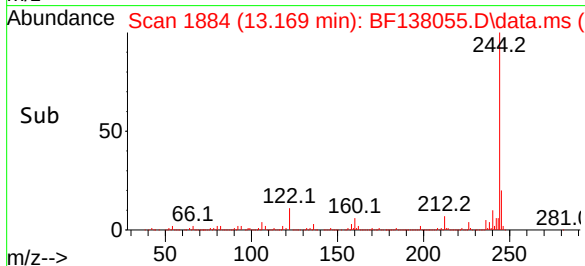
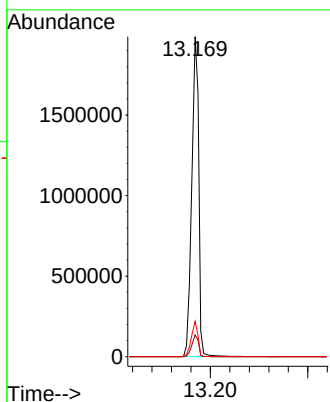
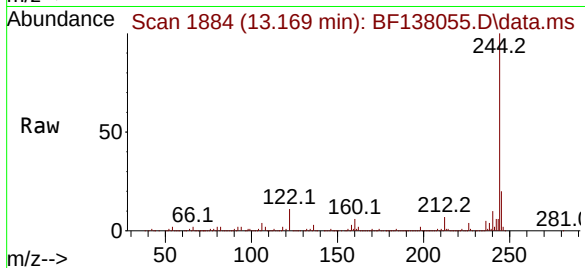
Tgt Ion:244 Resp: 1974255

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 11.0 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.804 min Scan# 2332

Delta R.T. 0.018 min

Lab File: BF138055.D

Acq: 29 May 2024 13:12

Tgt Ion:264 Resp: 285543

Ion Ratio Lower Upper

264 100

260 23.5 18.3 27.5

265 21.7 17.6 26.4

