

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
 Data File : BF138026.D
 Acq On : 23 May 2024 14:20
 Operator : CG\JU
 Sample : PB161081BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161081BL

Quant Time: May 23 14:50:56 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	137291	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	548468	20.000	ng	-0.01
39) Acenaphthene-d10	10.081	164	308754	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	534784	20.000	ng	0.00
76) Chrysene-d12	14.227	240	306390	20.000	ng	0.00
86) Perylene-d12	15.792	264	257021	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	1064765	131.739	ng	0.00
7) Phenol-d6	6.651	99	1300261	130.598	ng	0.00
23) Nitrobenzene-d5	7.598	82	795818	85.391	ng	-0.01
42) 2,4,6-Tribromophenol	10.875	330	417517	134.113	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	1708859	85.256	ng	0.00
79) Terphenyl-d14	13.163	244	1922125	92.458	ng	0.00

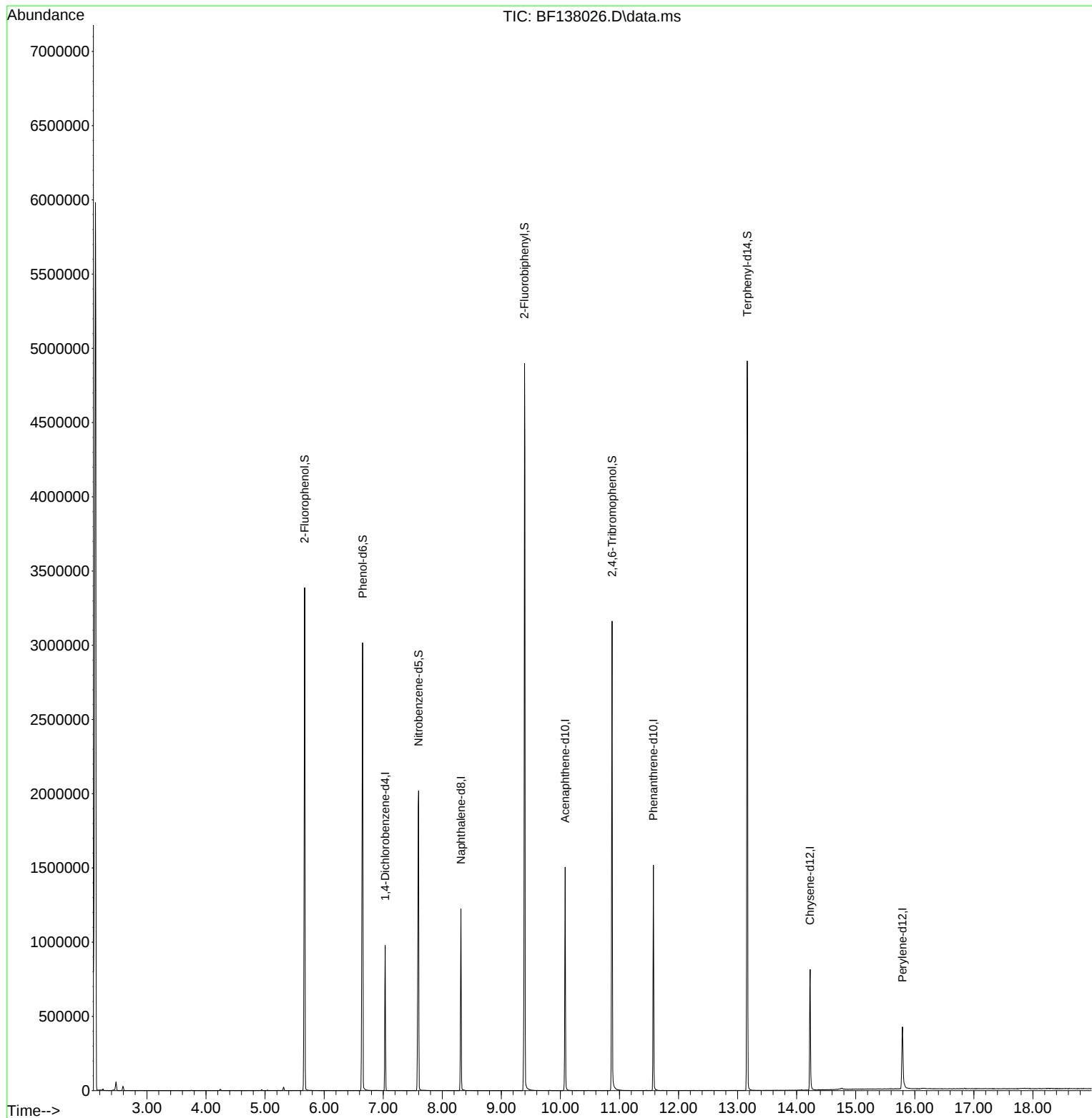
Target Compounds	Qvalue

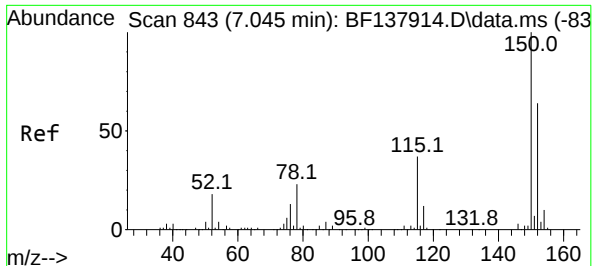
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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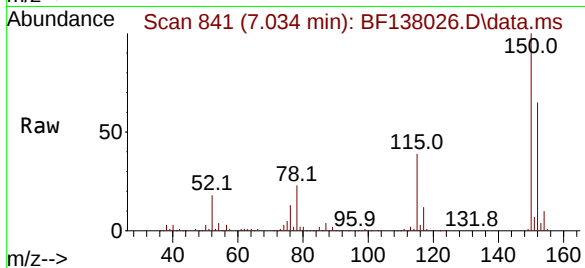
Quant Time: May 23 14:50:56 2024
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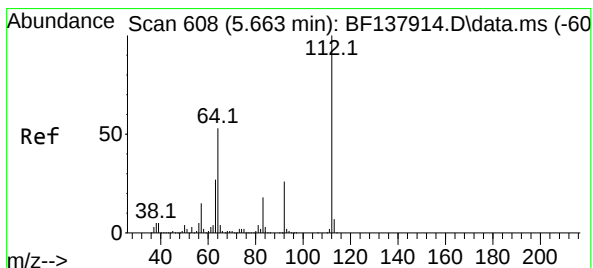
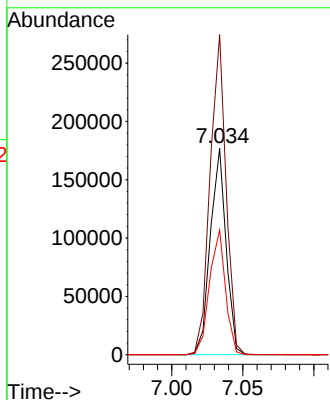
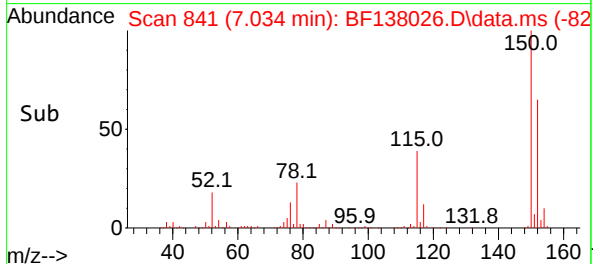


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF138026.D
Acq: 23 May 2024 14:20

Instrument :
BNA_F
ClientSampleId :
PB161081BL

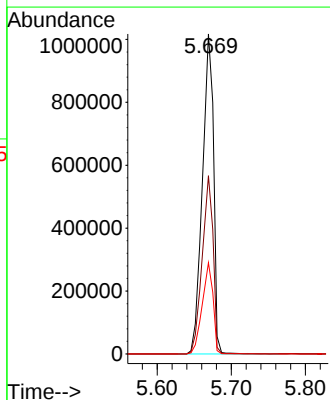
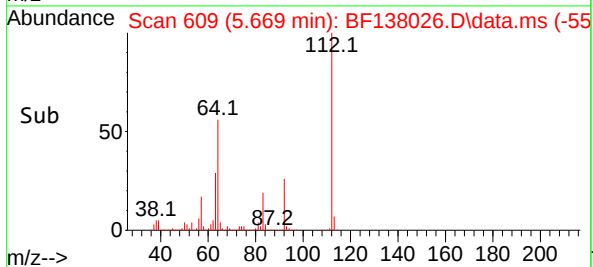
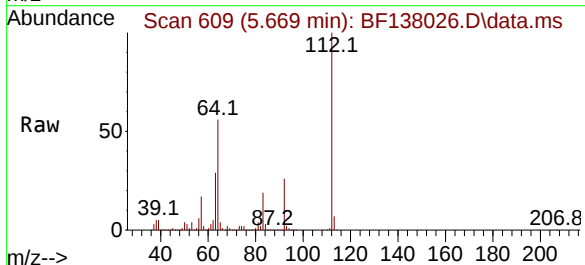


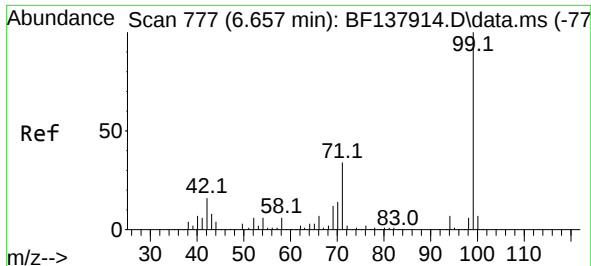
Tgt Ion:152 Resp: 137291
Ion Ratio Lower Upper
152 100
150 155.0 125.7 188.5
115 60.4 47.0 70.6



#5
2-Fluorophenol
Concen: 131.739 ng
RT: 5.669 min Scan# 609
Delta R.T. 0.006 min
Lab File: BF138026.D
Acq: 23 May 2024 14:20

Tgt Ion:112 Resp: 1064765
Ion Ratio Lower Upper
112 100
64 55.7 42.4 63.6
63 28.5 21.4 32.2

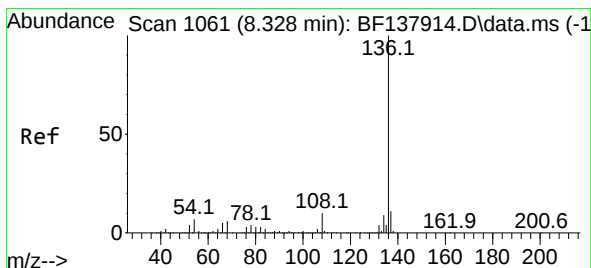
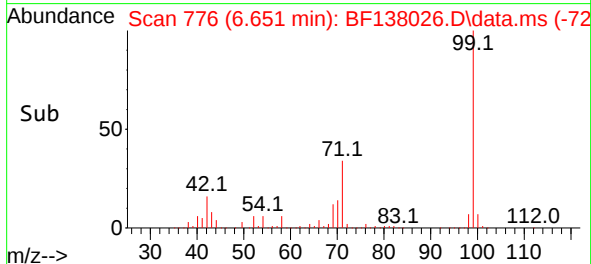
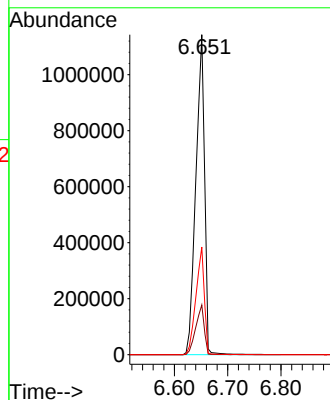
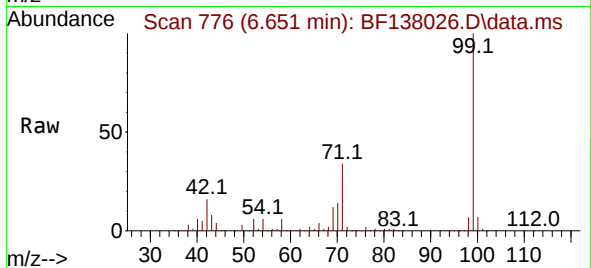




#7
Phenol-d6
Concen: 130.598 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138026.D
Acq: 23 May 2024 14:20

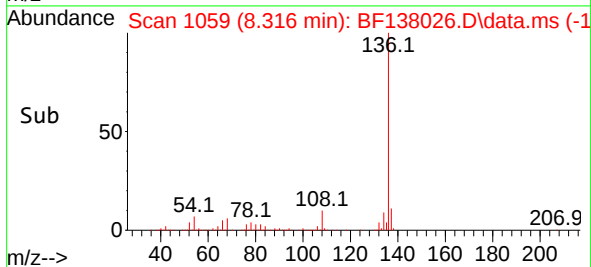
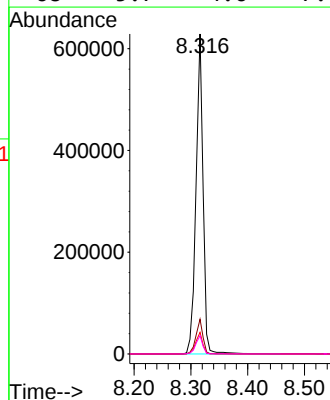
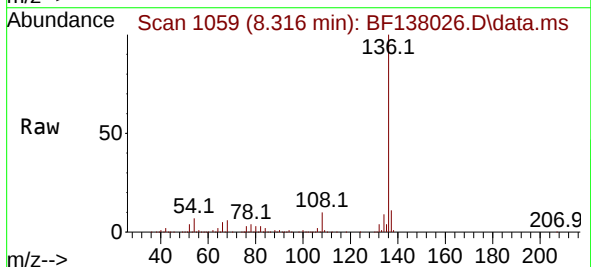
Instrument :
BNA_F
ClientSampleId :
PB161081BL

Tgt Ion: 99 Resp: 1300261
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: BF138026.D
Acq: 23 May 2024 14:20

Tgt Ion: 136 Resp: 548468
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 6.8 5.4 8.2
68 5.7 4.6 7.0





#23

Nitrobenzene-d5

Concen: 85.391 ng

RT: 7.598 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF138026.D

Acq: 23 May 2024 14:20

Instrument :

BNA_F

ClientSampleId :

PB161081BL

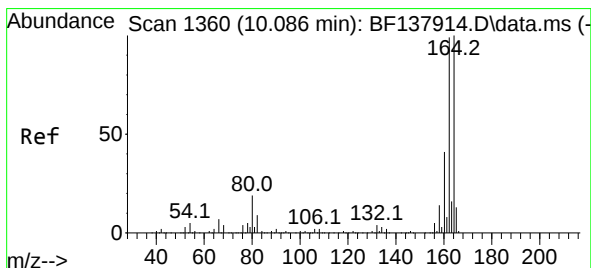
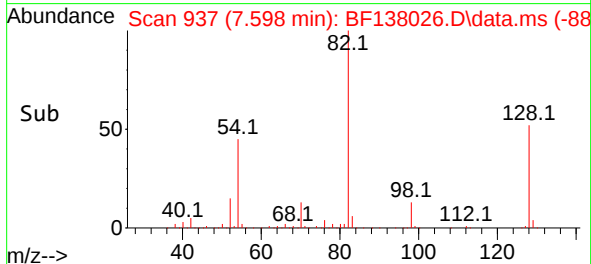
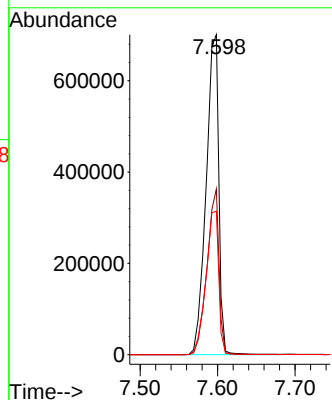
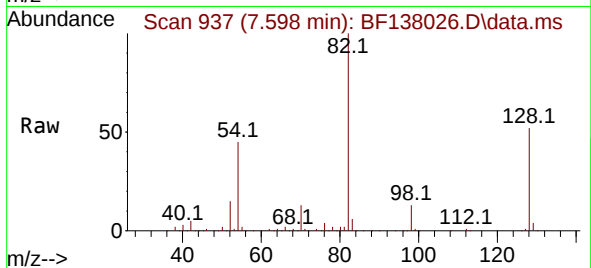
Tgt Ion: 82 Resp: 795818

Ion Ratio Lower Upper

82 100

128 51.8 40.3 60.5

54 44.9 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: BF138026.D

Acq: 23 May 2024 14:20

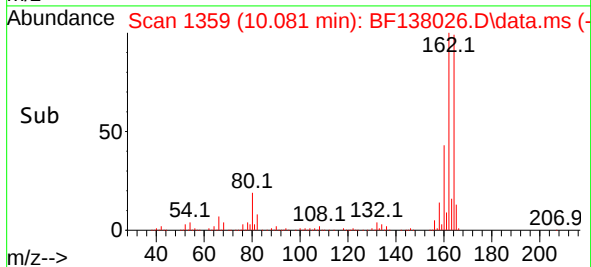
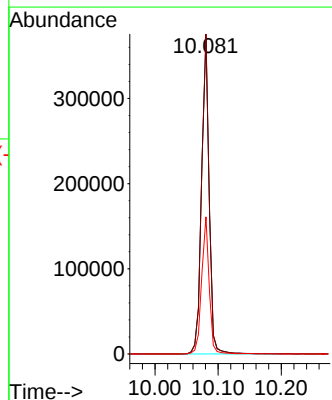
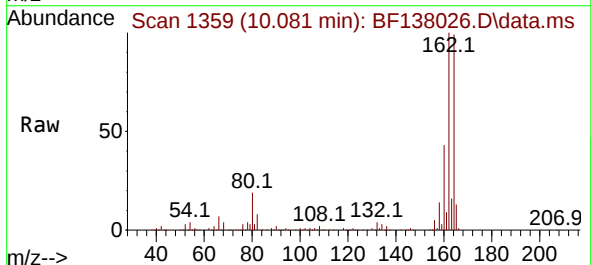
Tgt Ion:164 Resp: 308754

Ion Ratio Lower Upper

164 100

162 100.9 79.4 119.2

160 43.2 33.1 49.7

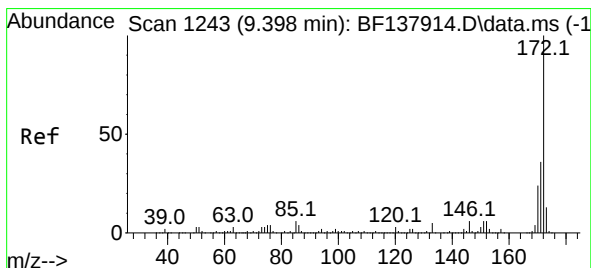
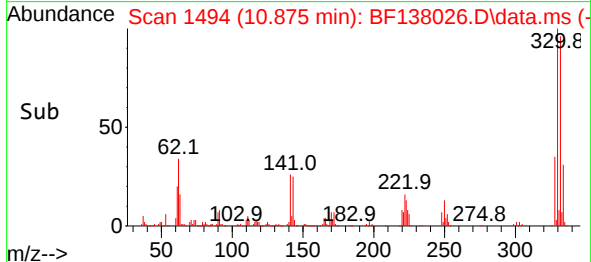
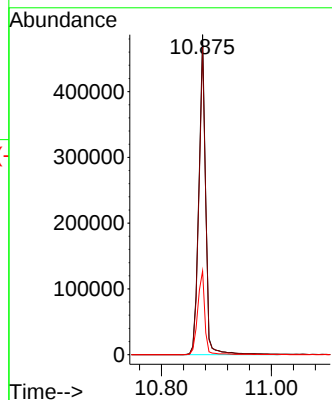
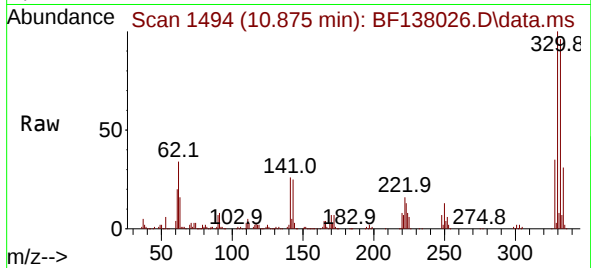




#42
 2,4,6-Tribromophenol
 Concen: 134.113 ng
 RT: 10.875 min Scan# 1494
 Delta R.T. -0.006 min
 Lab File: BF138026.D
 Acq: 23 May 2024 14:20

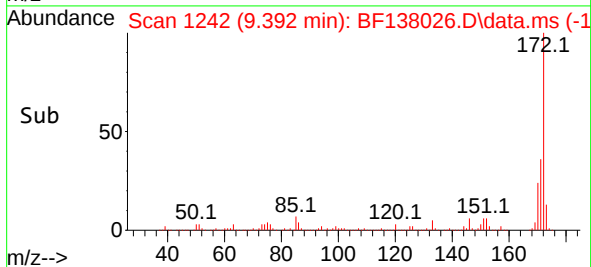
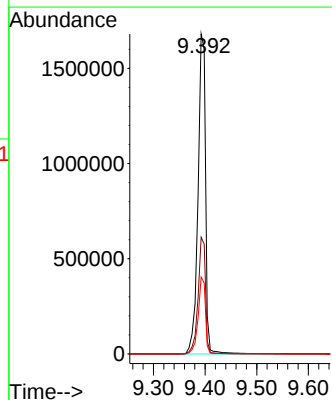
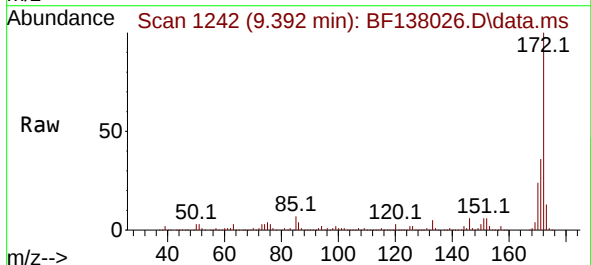
Instrument :
 BNA_F
 ClientSampleId :
 PB161081BL

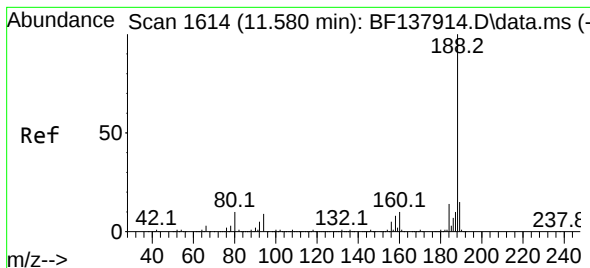
Tgt Ion:330 Resp: 417517
 Ion Ratio Lower Upper
 330 100
 332 96.9 75.8 113.8
 141 27.4 23.8 35.6



#45
 2-Fluorobiphenyl
 Concen: 85.256 ng
 RT: 9.392 min Scan# 1242
 Delta R.T. -0.006 min
 Lab File: BF138026.D
 Acq: 23 May 2024 14:20

Tgt Ion:172 Resp: 1708859
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.9 43.3
 170 24.1 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: BF138026.D

Acq: 23 May 2024 14:20

Instrument :

BNA_F

ClientSampleId :

PB161081BL

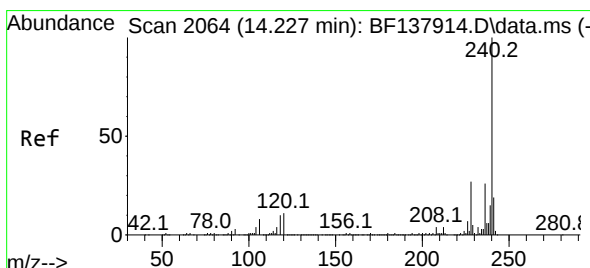
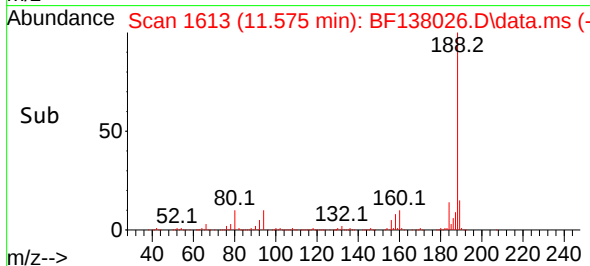
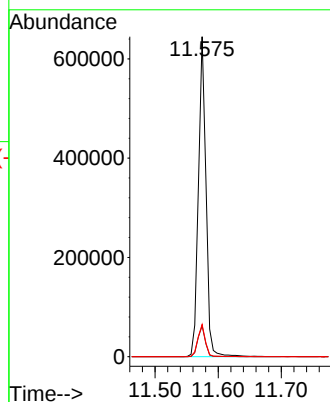
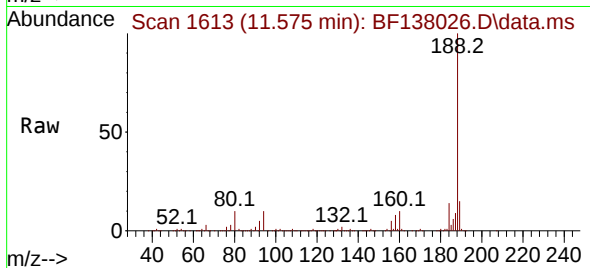
Tgt Ion:188 Resp: 534784

Ion Ratio Lower Upper

188 100

94 9.6 7.0 10.4

80 10.1 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: BF138026.D

Acq: 23 May 2024 14:20

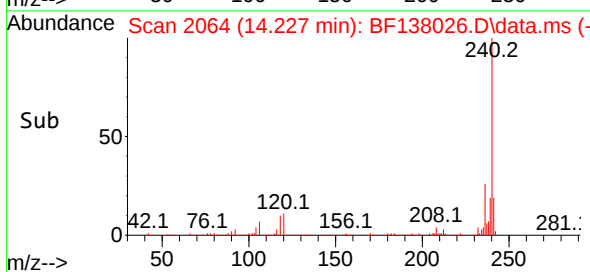
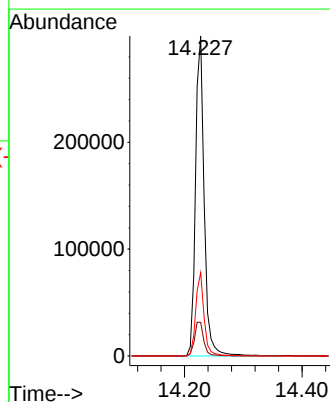
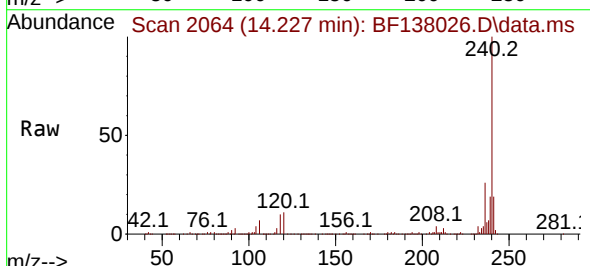
Tgt Ion:240 Resp: 306390

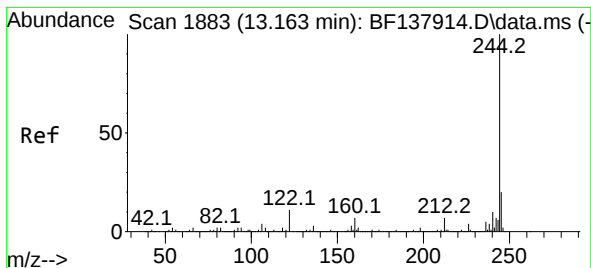
Ion Ratio Lower Upper

240 100

120 10.5 8.9 13.3

236 26.1 21.0 31.4





#79

Terphenyl-d14

Concen: 92.458 ng

RT: 13.163 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138026.D

Acq: 23 May 2024 14:20

Instrument :

BNA_F

ClientSampleId :

PB161081BL

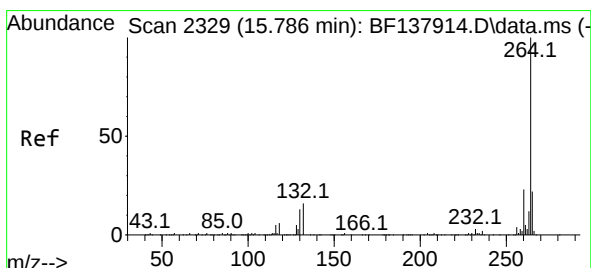
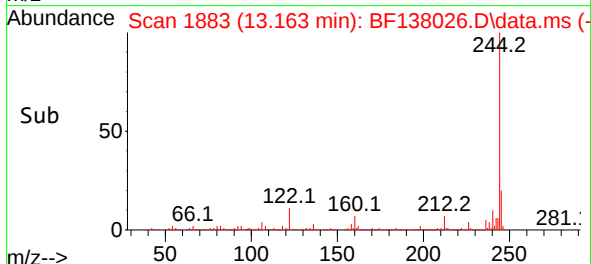
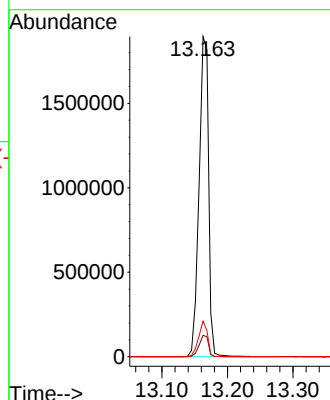
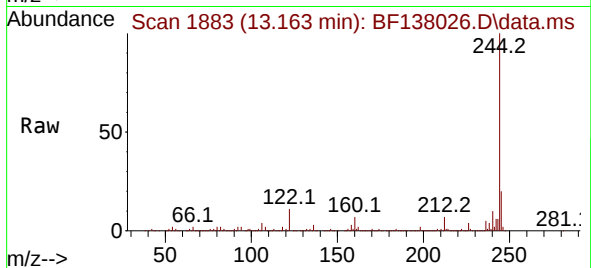
Tgt Ion:244 Resp: 1922125

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 11.1 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: BF138026.D

Acq: 23 May 2024 14:20

Tgt Ion:264 Resp: 257021

Ion Ratio Lower Upper

264 100

260 23.3 18.3 27.5

265 21.2 17.6 26.4

