

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052824\
 Data File : BF138051.D
 Acq On : 28 May 2024 17:08
 Operator : CG\JU
 Sample : P2611-01 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-052424

Quant Time: May 28 17:43:03 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)

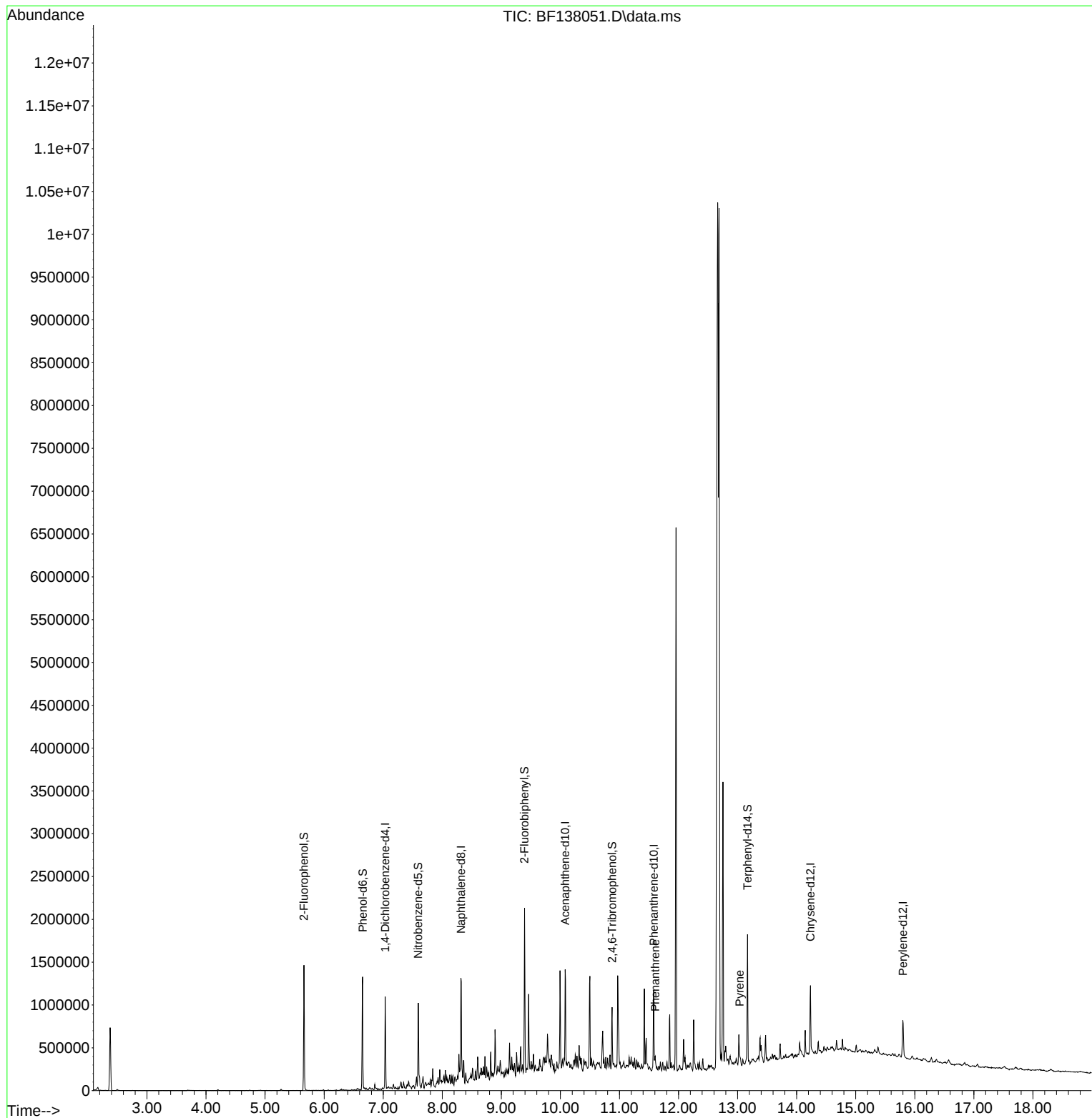
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	151342	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	526632	20.000	ng	-0.01
39) Acenaphthene-d10	10.081	164	244140	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	332308	20.000	ng	0.00
76) Chrysene-d12	14.233	240	271747	20.000	ng	0.00
86) Perylene-d12	15.798	264	205109	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.657	112	390910	43.875	ng	0.00
7) Phenol-d6	6.651	99	475868	43.359	ng	0.00
23) Nitrobenzene-d5	7.592	82	270608	30.240	ng	-0.02
42) 2,4,6-Tribromophenol	10.875	330	91563	37.196	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	550218	34.716	ng	0.00
79) Terphenyl-d14	13.169	244	467652	25.363	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.604	178	37026	2.261	ng	98
78) Pyrene	13.033	202	54871	2.309	ng	98

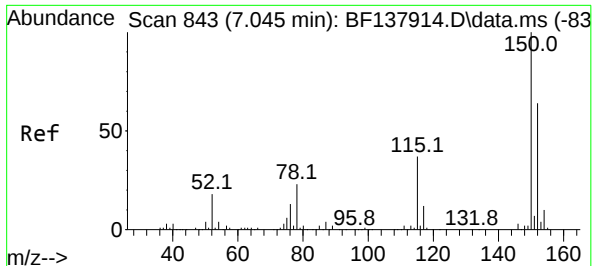
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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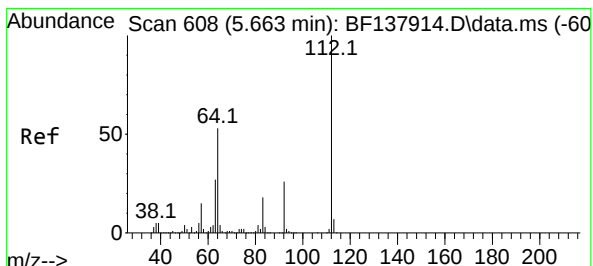
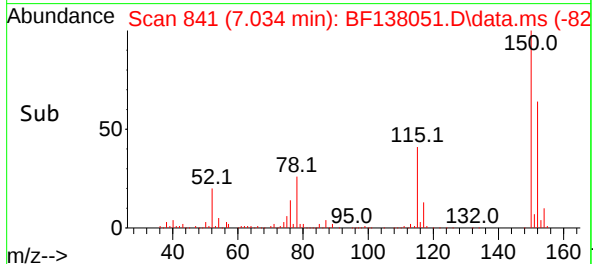
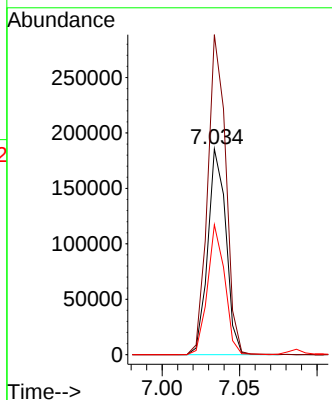
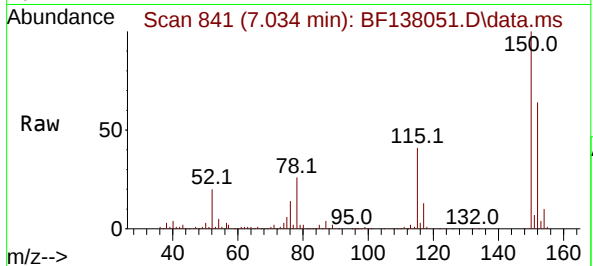




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF138051.D
Acq: 28 May 2024 17:08

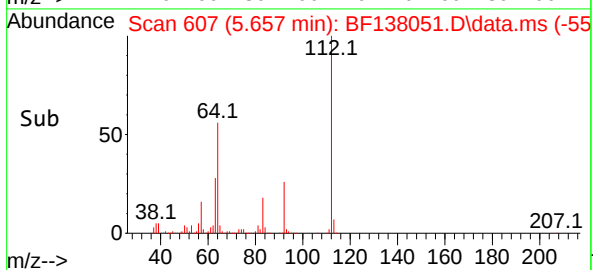
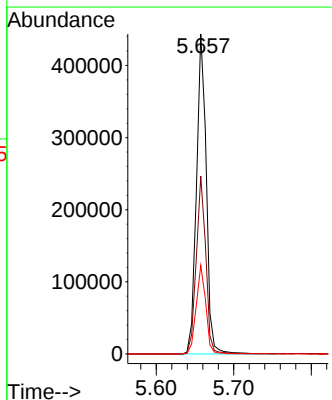
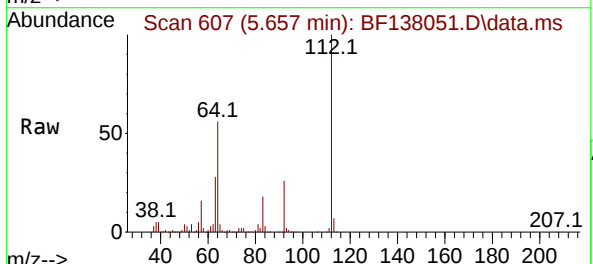
Instrument :
BNA_F
ClientSampleId :
AU-06-052424

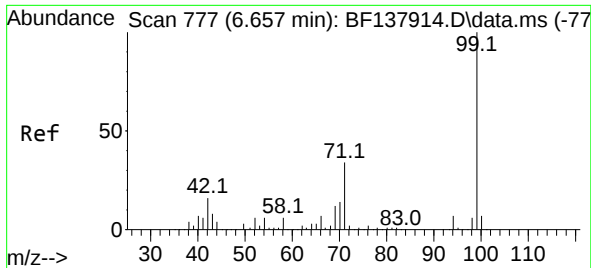
Tgt Ion:152 Resp: 151342
Ion Ratio Lower Upper
152 100
150 155.6 125.7 188.5
115 63.2 47.0 70.6



#5
2-Fluorophenol
Concen: 43.875 ng
RT: 5.657 min Scan# 607
Delta R.T. -0.006 min
Lab File: BF138051.D
Acq: 28 May 2024 17:08

Tgt Ion:112 Resp: 390910
Ion Ratio Lower Upper
112 100
64 55.6 42.4 63.6
63 27.7 21.4 32.2

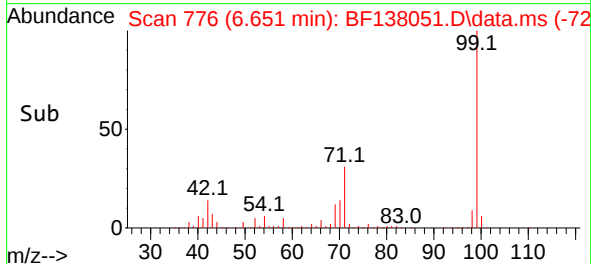
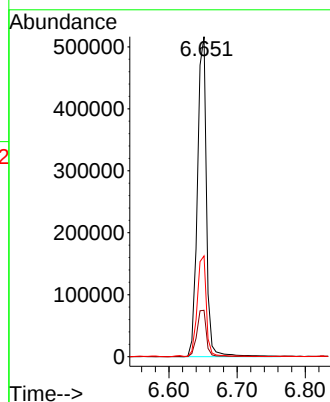
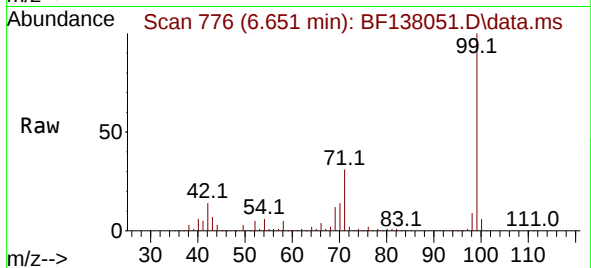




#7
Phenol-d6
Concen: 43.359 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138051.D
Acq: 28 May 2024 17:08

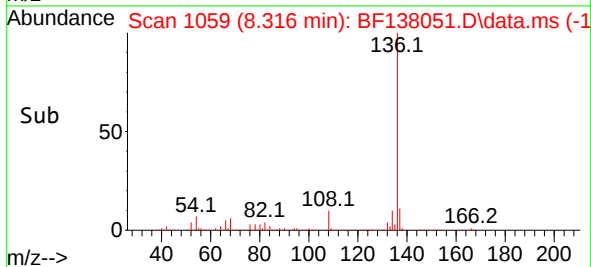
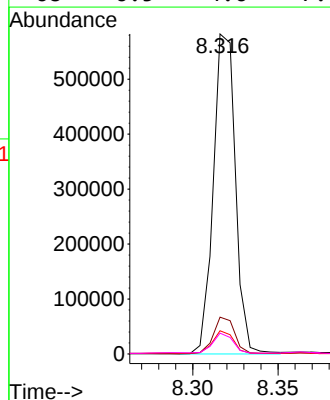
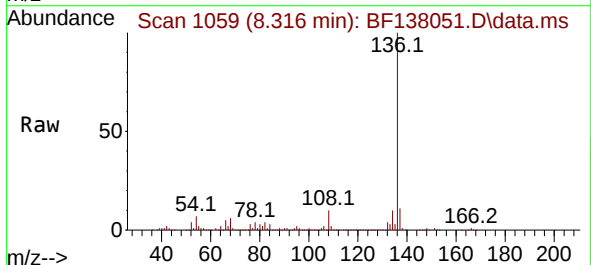
Instrument :
BNA_F
ClientSampleId :
AU-06-052424

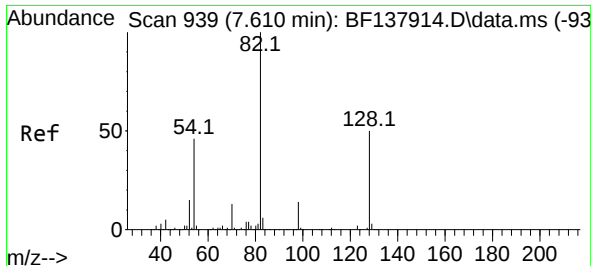
Tgt Ion: 99 Resp: 475868
Ion Ratio Lower Upper
99 100
42 14.5 12.6 18.8
71 31.5 27.1 40.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF138051.D
Acq: 28 May 2024 17:08

Tgt Ion: 136 Resp: 526632
Ion Ratio Lower Upper
136 100
137 11.5 8.7 13.1
54 7.2 5.4 8.2
68 6.5 4.6 7.0

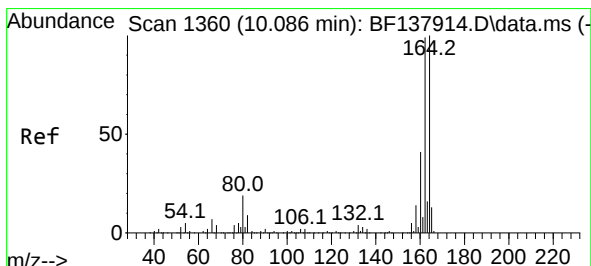
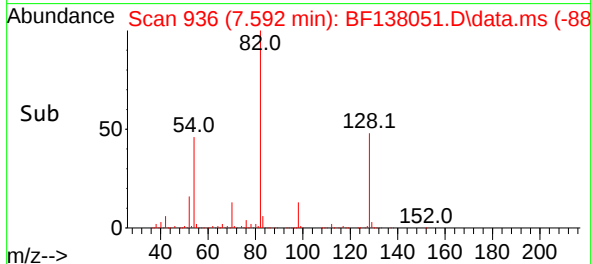
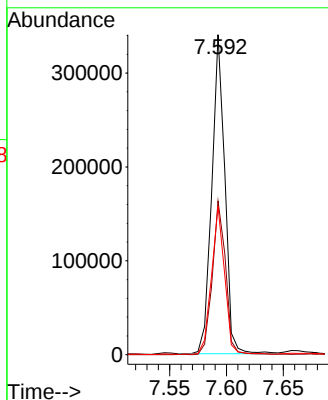
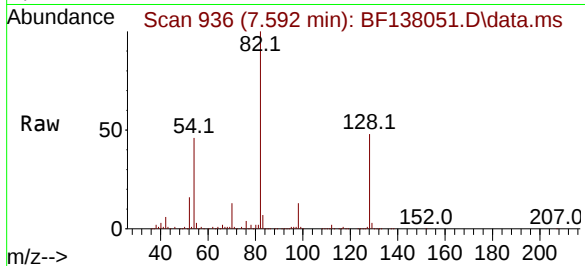




#23
Nitrobenzene-d5
Concen: 30.240 ng
RT: 7.592 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF138051.D
Acq: 28 May 2024 17:08

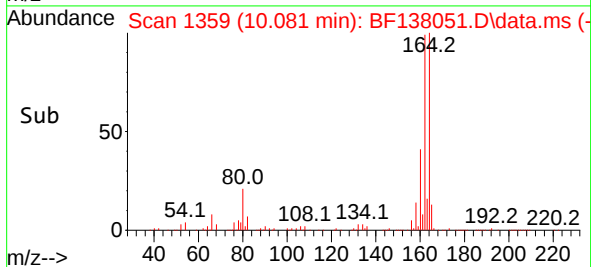
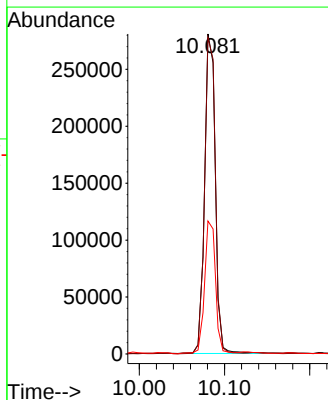
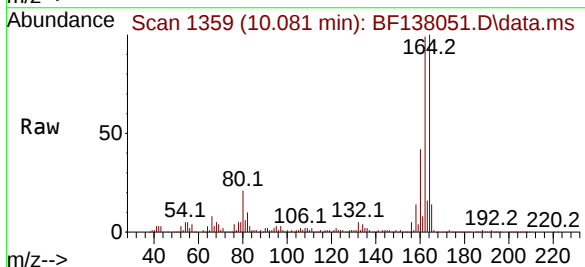
Instrument :
BNA_F
ClientSampleId :
AU-06-052424

Tgt Ion: 82 Resp: 270608
Ion Ratio Lower Upper
82 100
128 48.0 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: BF138051.D
Acq: 28 May 2024 17:08

Tgt Ion: 164 Resp: 244140
Ion Ratio Lower Upper
164 100
162 98.9 79.4 119.2
160 41.6 33.1 49.7





#42

2,4,6-Tribromophenol

Concen: 37.196 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF138051.D

Acq: 28 May 2024 17:08

Instrument :

BNA_F

ClientSampleId :

AU-06-052424

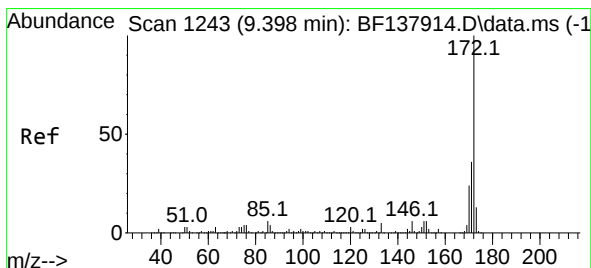
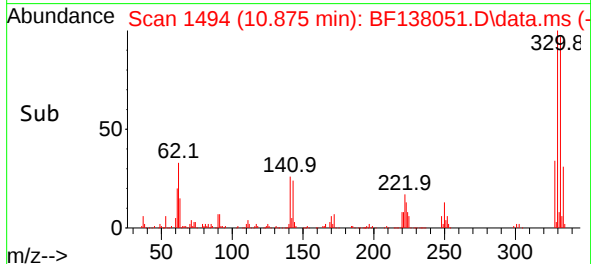
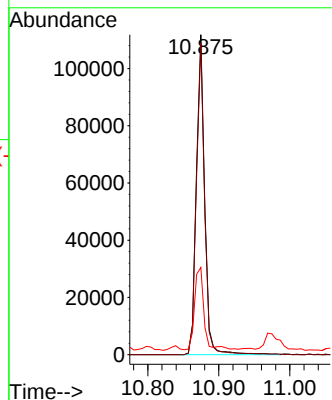
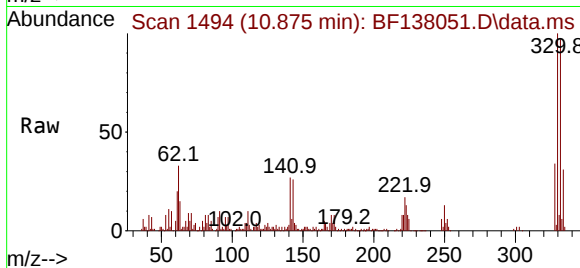
Tgt Ion:330 Resp: 91563

Ion Ratio Lower Upper

330 100

332 96.4 75.8 113.8

141 27.4 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 34.716 ng

RT: 9.392 min Scan# 1242

Delta R.T. -0.006 min

Lab File: BF138051.D

Acq: 28 May 2024 17:08

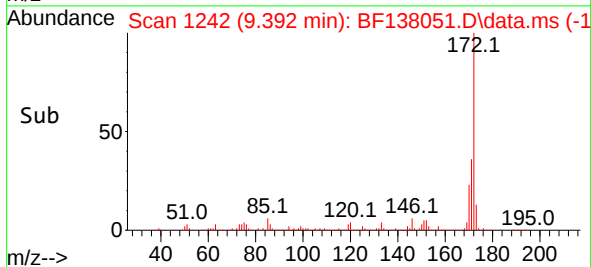
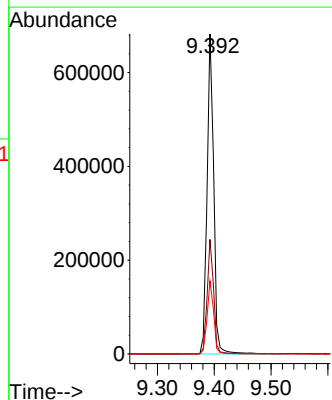
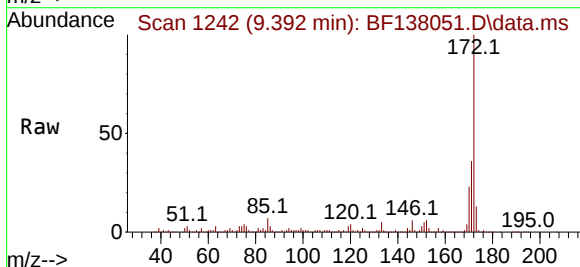
Tgt Ion:172 Resp: 550218

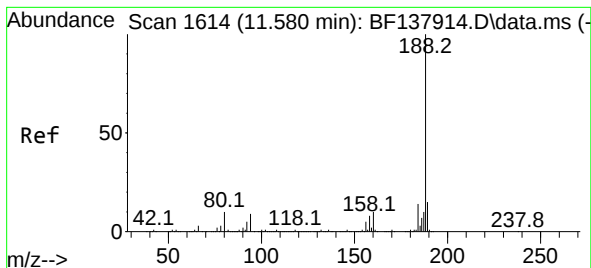
Ion Ratio Lower Upper

172 100

171 35.8 28.9 43.3

170 22.9 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: BF138051.D

Acq: 28 May 2024 17:08

Instrument :

BNA_F

ClientSampleId :

AU-06-052424

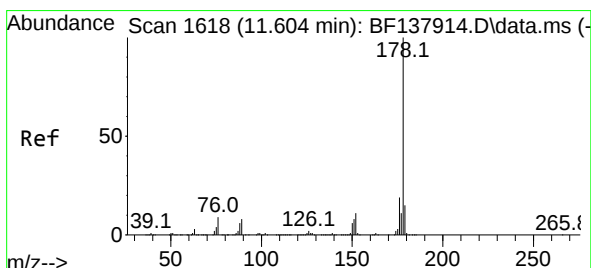
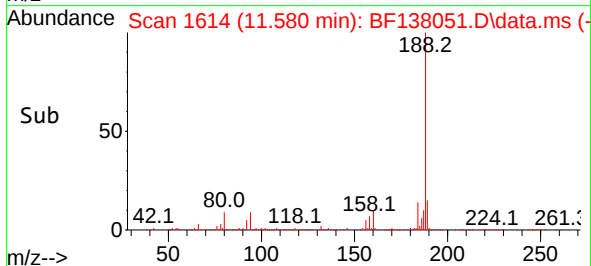
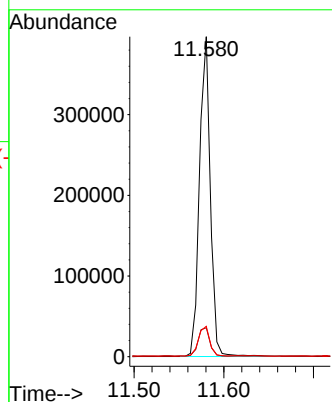
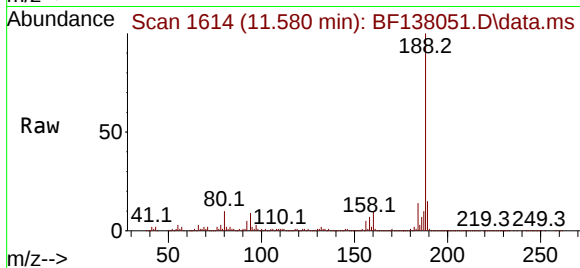
Tgt Ion:188 Resp: 332308

Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.4

80 9.5 7.7 11.5



#71

Phenanthrene

Concen: 2.261 ng

RT: 11.604 min Scan# 1618

Delta R.T. 0.000 min

Lab File: BF138051.D

Acq: 28 May 2024 17:08

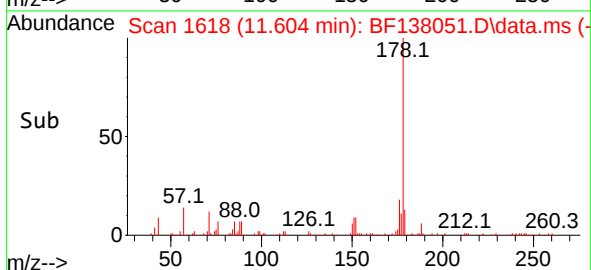
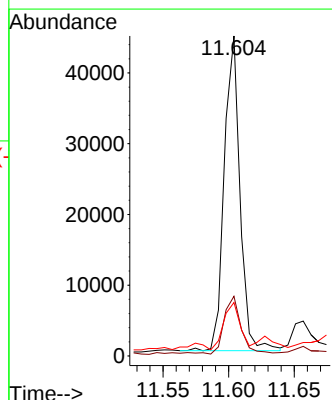
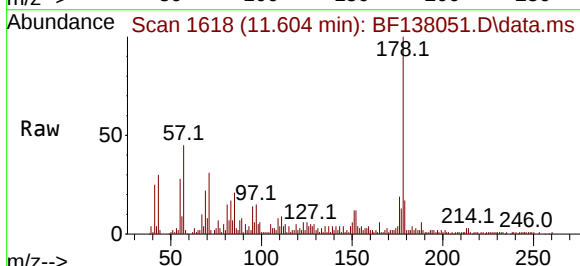
Tgt Ion:178 Resp: 37026

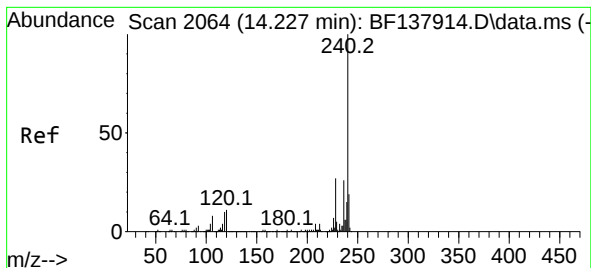
Ion Ratio Lower Upper

178 100

176 18.7 15.2 22.8

179 16.7 12.2 18.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.233 min Scan# 2065

Delta R.T. 0.006 min

Lab File: BF138051.D

Acq: 28 May 2024 17:08

Instrument :

BNA_F

ClientSampleId :

AU-06-052424

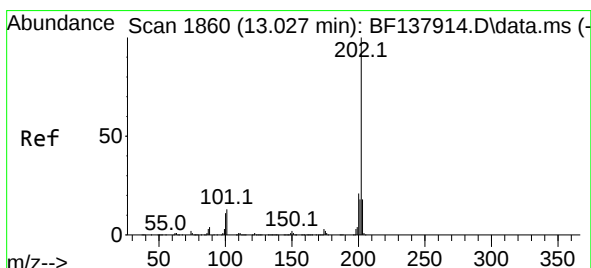
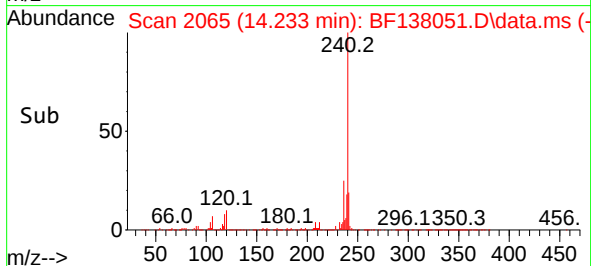
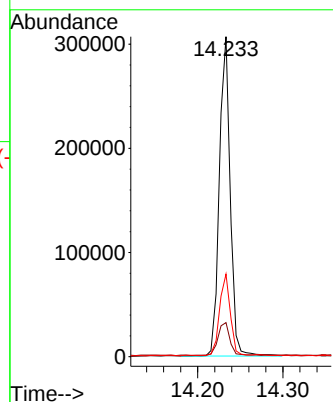
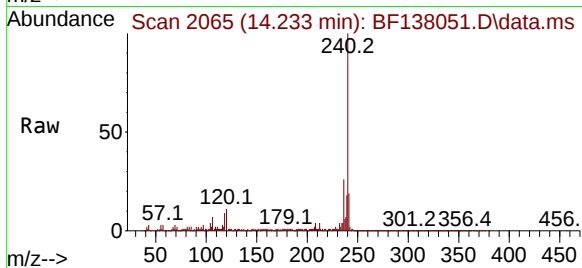
Tgt Ion:240 Resp: 271747

Ion Ratio Lower Upper

240 100

120 10.7 8.9 13.3

236 25.8 21.0 31.4



#78

Pyrene

Concen: 2.309 ng

RT: 13.033 min Scan# 1861

Delta R.T. 0.006 min

Lab File: BF138051.D

Acq: 28 May 2024 17:08

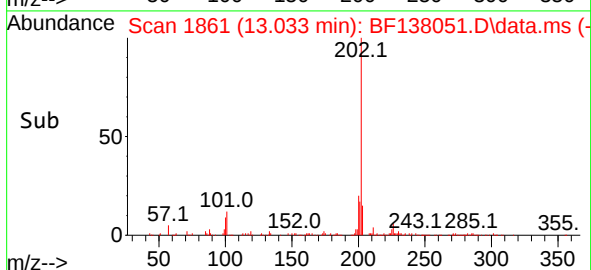
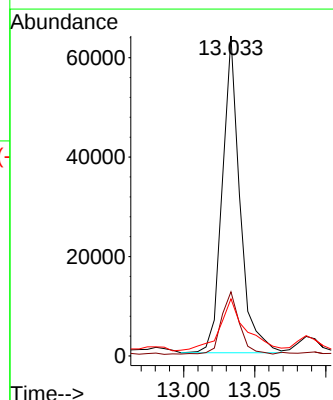
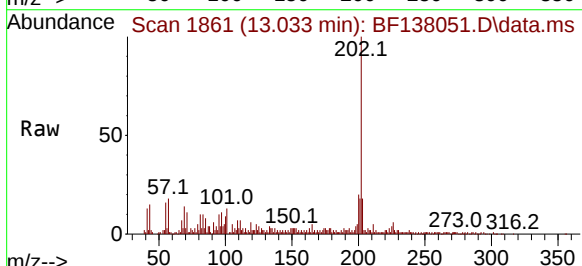
Tgt Ion:202 Resp: 54871

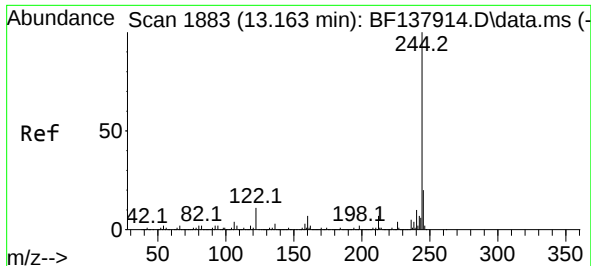
Ion Ratio Lower Upper

202 100

200 20.0 17.0 25.4

203 17.8 14.1 21.1

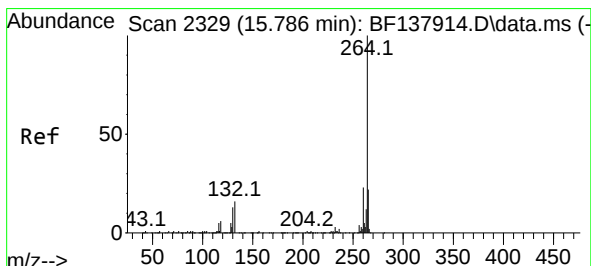
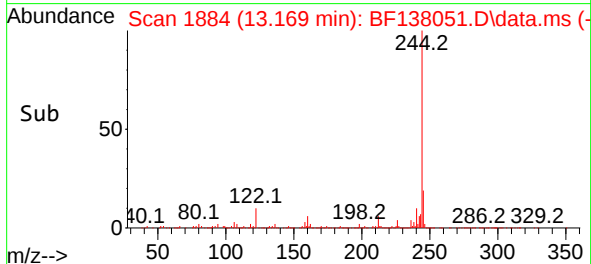
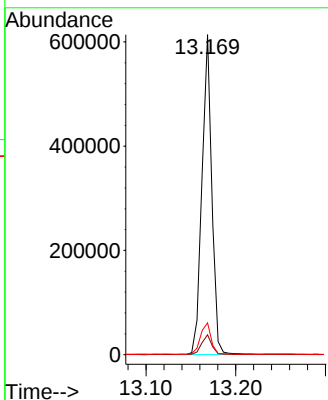
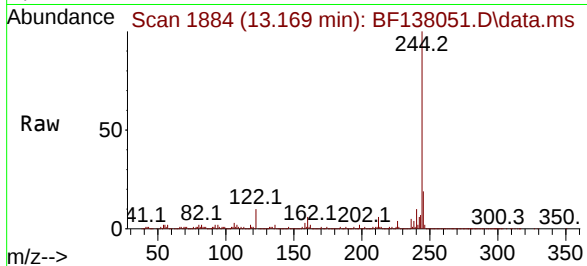




#79
 Terphenyl-d14
 Concen: 25.363 ng
 RT: 13.169 min Scan# 1884
 Delta R.T. 0.006 min
 Lab File: BF138051.D
 Acq: 28 May 2024 17:08

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-052424

Tgt Ion:244 Resp: 467652
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.6 8.4
 122 9.9 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.798 min Scan# 2331
 Delta R.T. 0.012 min
 Lab File: BF138051.D
 Acq: 28 May 2024 17:08

Tgt Ion:264 Resp: 205109
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.3 27.5
 265 20.8 17.6 26.4

