

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052224\
 Data File : BF138006.D
 Acq On : 22 May 2024 15:50
 Operator : CG\JU
 Sample : P2538-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A852

Quant Time: May 22 16:15:00 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	136763	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	524520	20.000	ng	-0.01
39) Acenaphthene-d10	10.080	164	302769	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	524928	20.000	ng	0.00
76) Chrysene-d12	14.221	240	269282	20.000	ng	0.00
86) Perylene-d12	15.786	264	269103	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.657	112	459034	57.014	ng	0.00
7) Phenol-d6	6.640	99	351775	35.469	ng	-0.02
23) Nitrobenzene-d5	7.598	82	763918	85.711	ng	-0.01
42) 2,4,6-Tribromophenol	10.875	330	412703	135.188	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	1629484	82.903	ng	0.00
79) Terphenyl-d14	13.163	244	1625838	88.983	ng	0.00

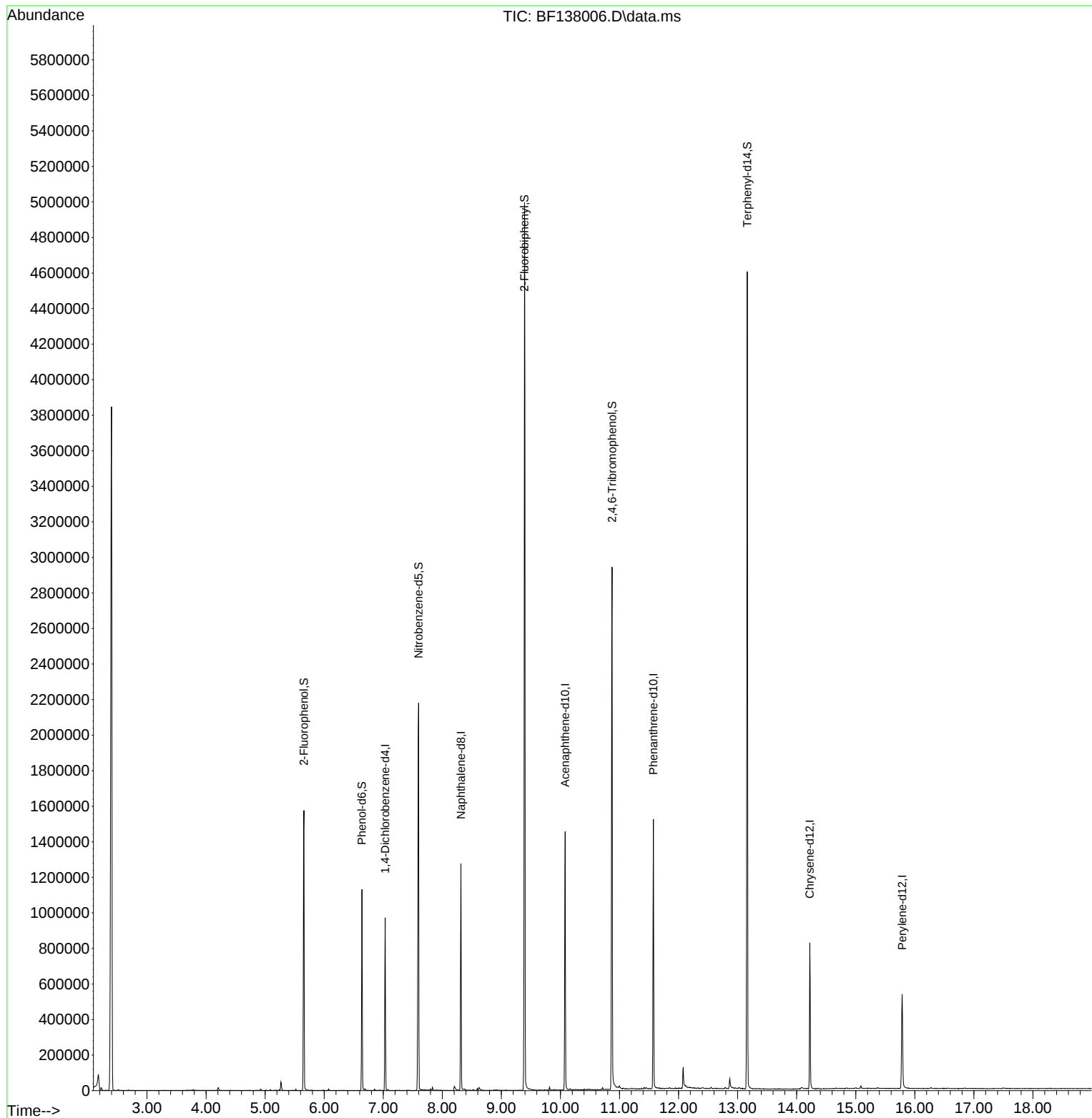
Target Compounds	Qvalue

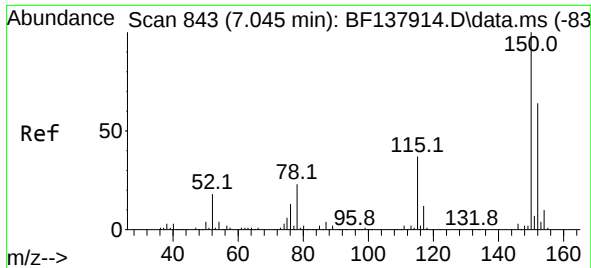
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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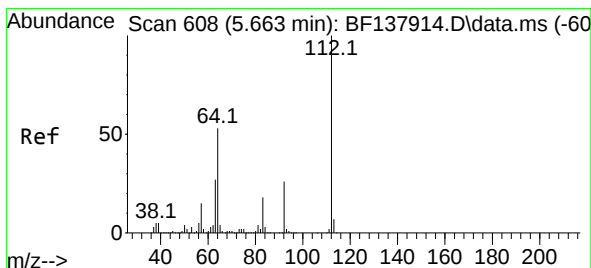
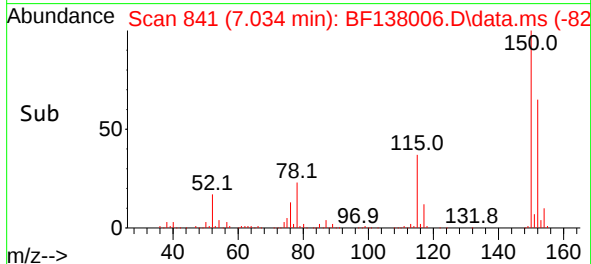
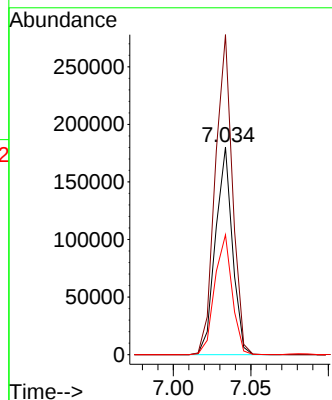
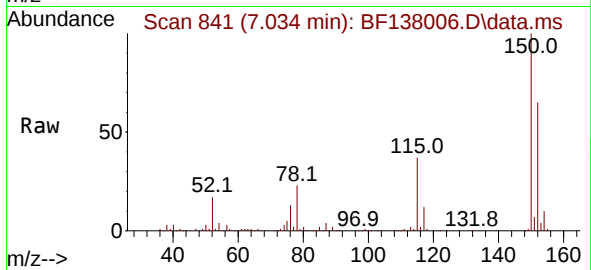




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.034 min Scan# 841
 Delta R.T. -0.011 min
 Lab File: BF138006.D
 Acq: 22 May 2024 15:50

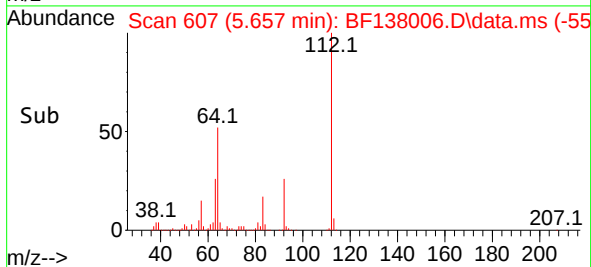
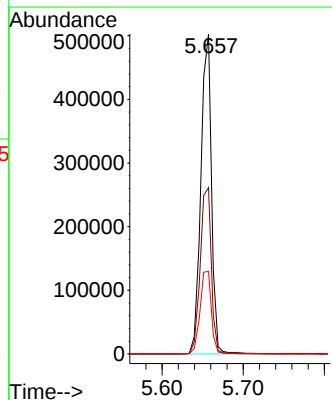
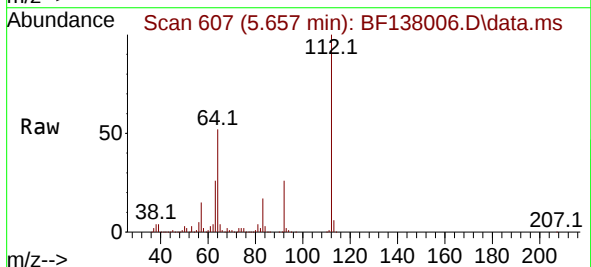
Instrument :
 BNA_F
 ClientSampleId :
 A852

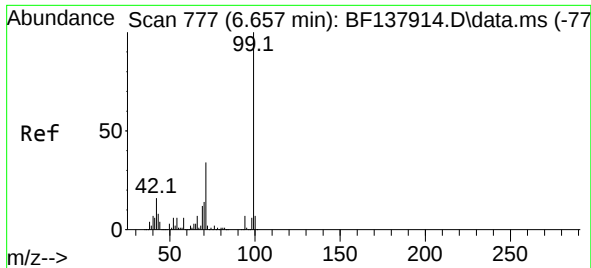
Tgt Ion:152 Resp: 136763
 Ion Ratio Lower Upper
 152 100
 150 154.1 125.7 188.5
 115 57.7 47.0 70.6



#5
 2-Fluorophenol
 Concen: 57.014 ng
 RT: 5.657 min Scan# 607
 Delta R.T. -0.006 min
 Lab File: BF138006.D
 Acq: 22 May 2024 15:50

Tgt Ion:112 Resp: 459034
 Ion Ratio Lower Upper
 112 100
 64 51.9 42.4 63.6
 63 25.8 21.4 32.2

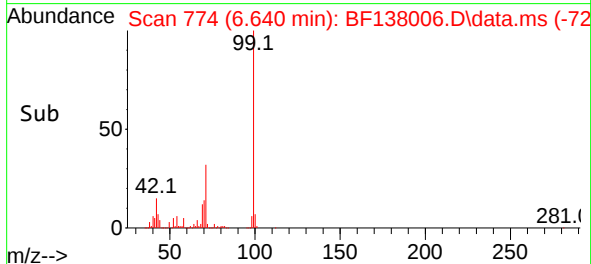
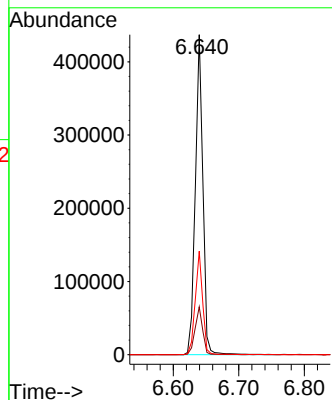
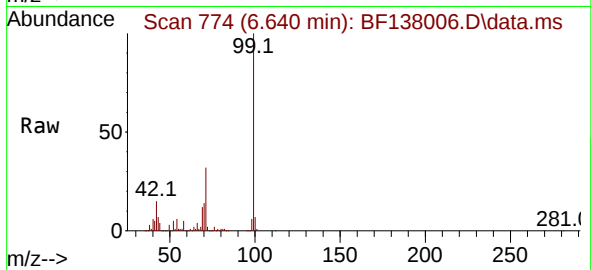




#7
Phenol-d6
Concen: 35.469 ng
RT: 6.640 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF138006.D
Acq: 22 May 2024 15:50

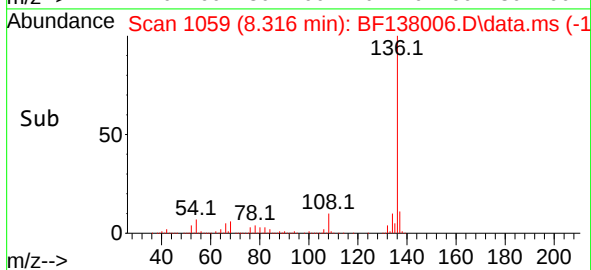
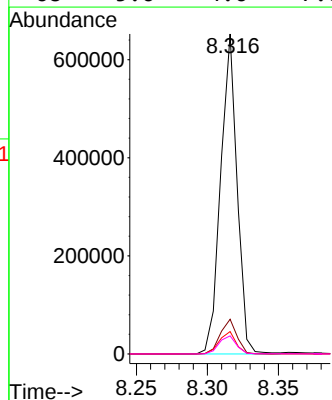
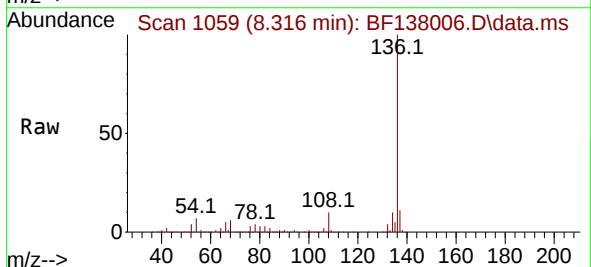
Instrument :
BNA_F
ClientSampleId :
A852

Tgt Ion: 99 Resp: 351775
Ion Ratio Lower Upper
99 100
42 15.0 12.6 18.8
71 32.4 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: BF138006.D
Acq: 22 May 2024 15:50

Tgt Ion: 136 Resp: 524520
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.0 5.4 8.2
68 5.6 4.6 7.0





#23

Nitrobenzene-d5

Concen: 85.711 ng

RT: 7.598 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF138006.D

Acq: 22 May 2024 15:50

Instrument :

BNA_F

ClientSampleId :

A852

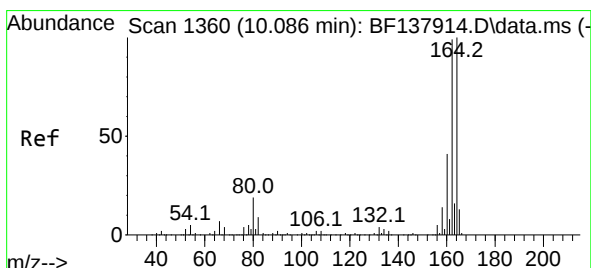
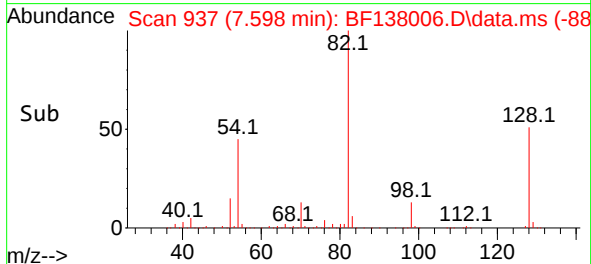
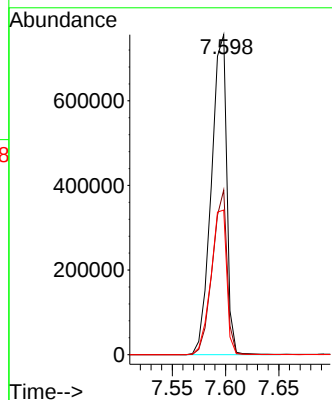
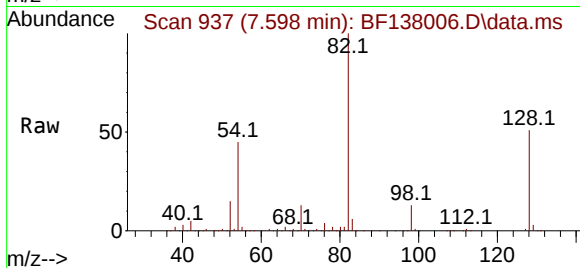
Tgt Ion: 82 Resp: 763918

Ion Ratio Lower Upper

82 100

128 51.5 40.3 60.5

54 45.2 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: BF138006.D

Acq: 22 May 2024 15:50

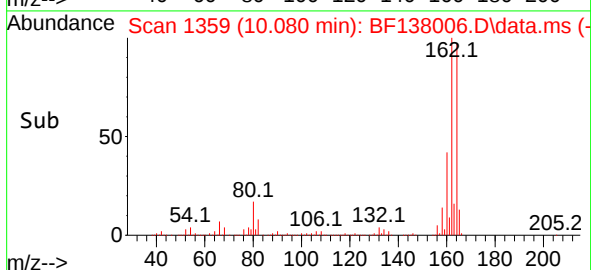
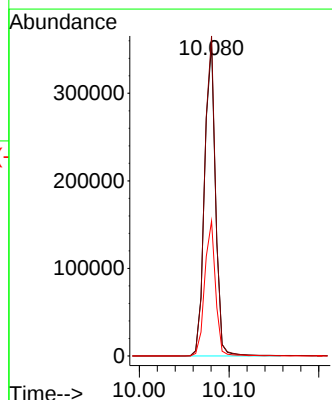
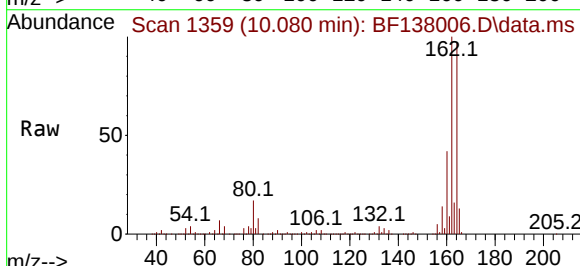
Tgt Ion:164 Resp: 302769

Ion Ratio Lower Upper

164 100

162 102.6 79.4 119.2

160 43.2 33.1 49.7

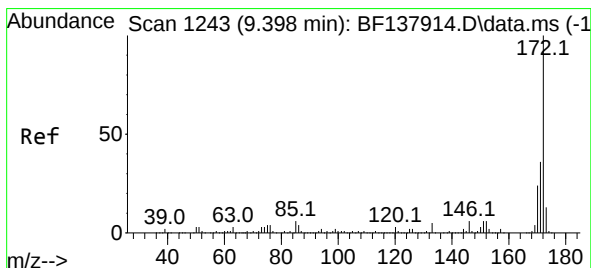
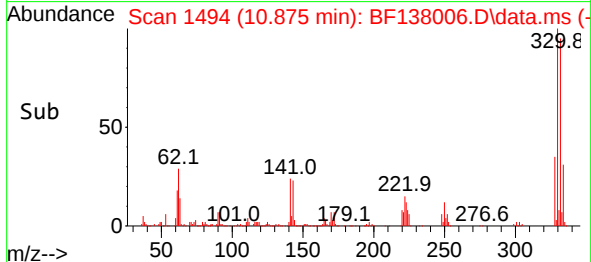
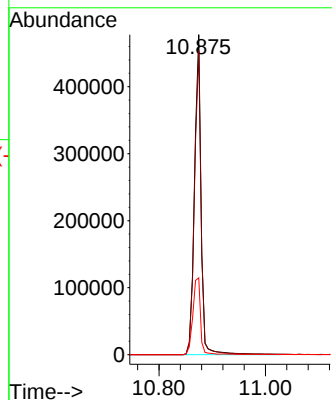
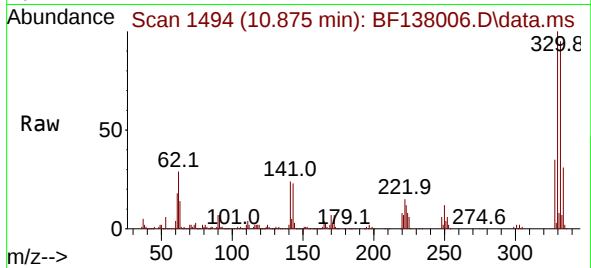




#42
2,4,6-Tribromophenol
Concen: 135.188 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF138006.D
Acq: 22 May 2024 15:50

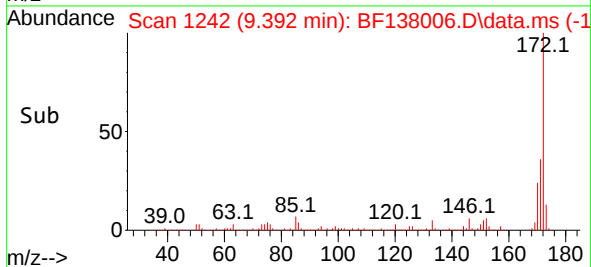
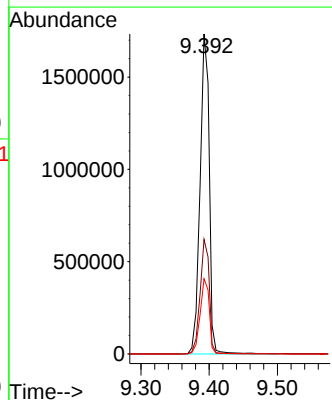
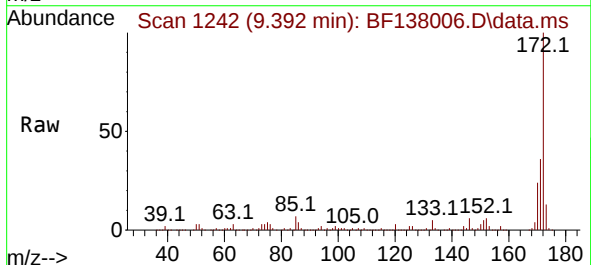
Instrument :
BNA_F
ClientSampleId :
A852

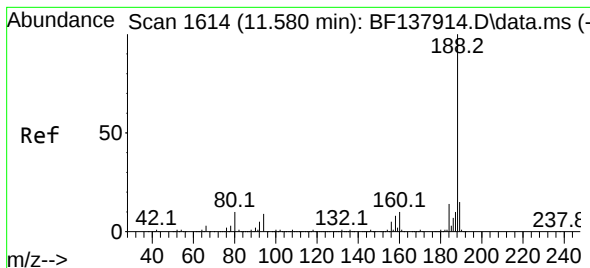
Tgt Ion:330 Resp: 412703
Ion Ratio Lower Upper
330 100
332 96.1 75.8 113.8
141 27.6 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 82.903 ng
RT: 9.392 min Scan# 1242
Delta R.T. -0.006 min
Lab File: BF138006.D
Acq: 22 May 2024 15:50

Tgt Ion:172 Resp: 1629484
Ion Ratio Lower Upper
172 100
171 35.8 28.9 43.3
170 23.5 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: BF138006.D

Acq: 22 May 2024 15:50

Instrument :

BNA_F

ClientSampleId :

A852

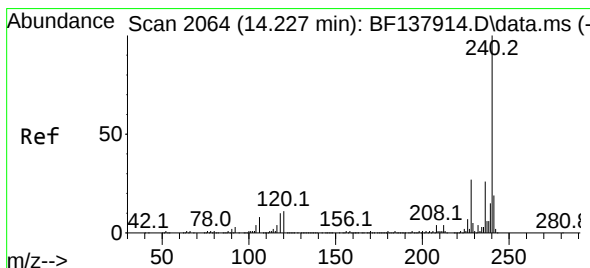
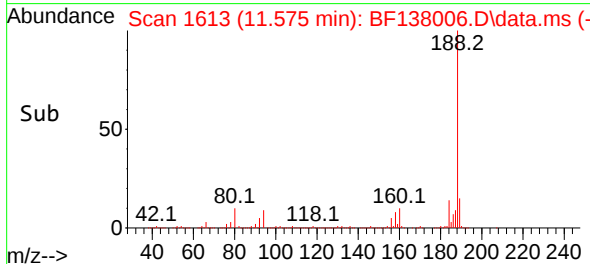
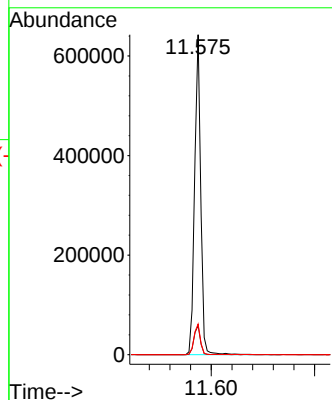
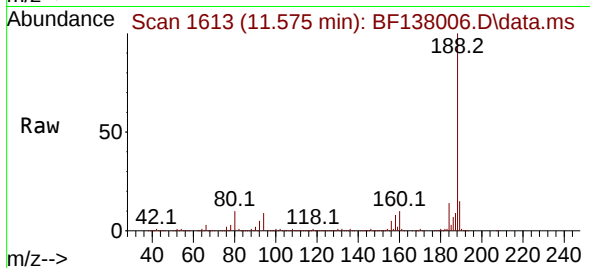
Tgt Ion:188 Resp: 524928

Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.4

80 9.6 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: BF138006.D

Acq: 22 May 2024 15:50

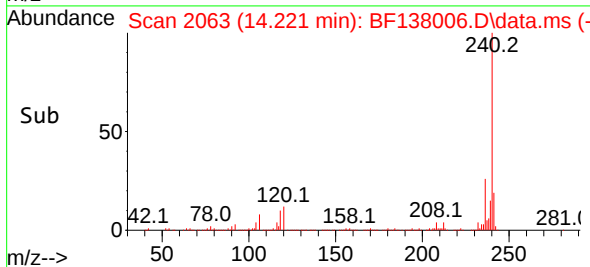
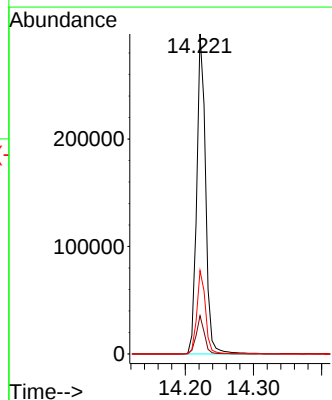
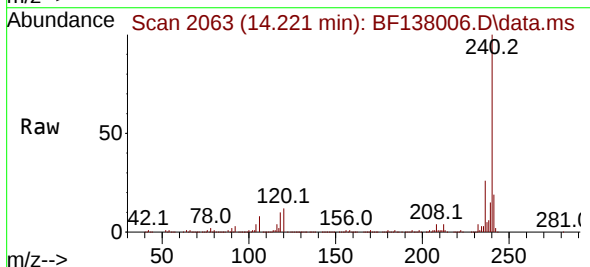
Tgt Ion:240 Resp: 269282

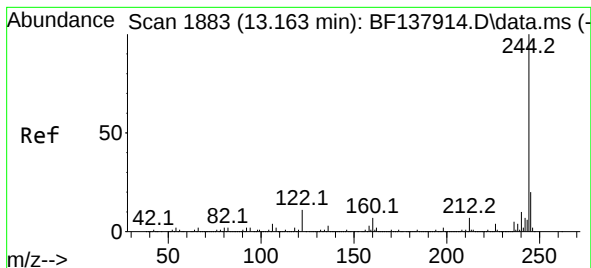
Ion Ratio Lower Upper

240 100

120 12.0 8.9 13.3

236 26.0 21.0 31.4





#79

Terphenyl-d14

Concen: 88.983 ng

RT: 13.163 min Scan# 1883

Delta R.T. 0.000 min

Lab File: BF138006.D

Acq: 22 May 2024 15:50

Instrument :

BNA_F

ClientSampleId :

A852

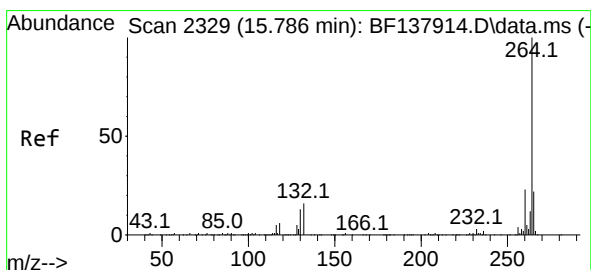
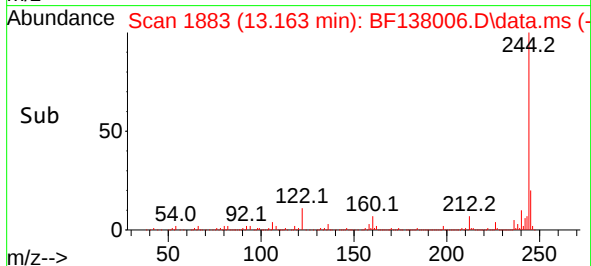
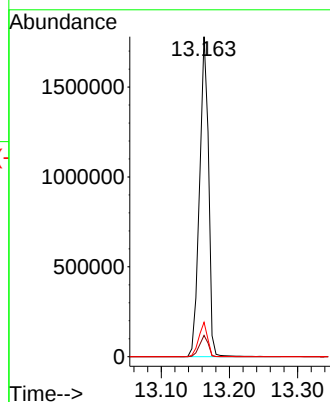
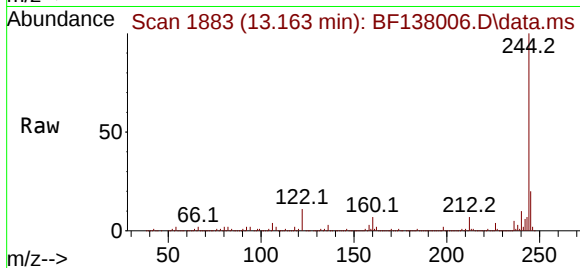
Tgt Ion:244 Resp: 1625838

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 10.8 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: BF138006.D

Acq: 22 May 2024 15:50

Tgt Ion:264 Resp: 269103

Ion Ratio Lower Upper

264 100

260 22.2 18.3 27.5

265 21.1 17.6 26.4

