

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
 Data File : BF133913.D
 Acq On : 22 Jun 2023 21:42
 Operator : CG\JU
 Sample : 03320-14
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14

Quant Time: Jun 23 05:04:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 23 02:21:26 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

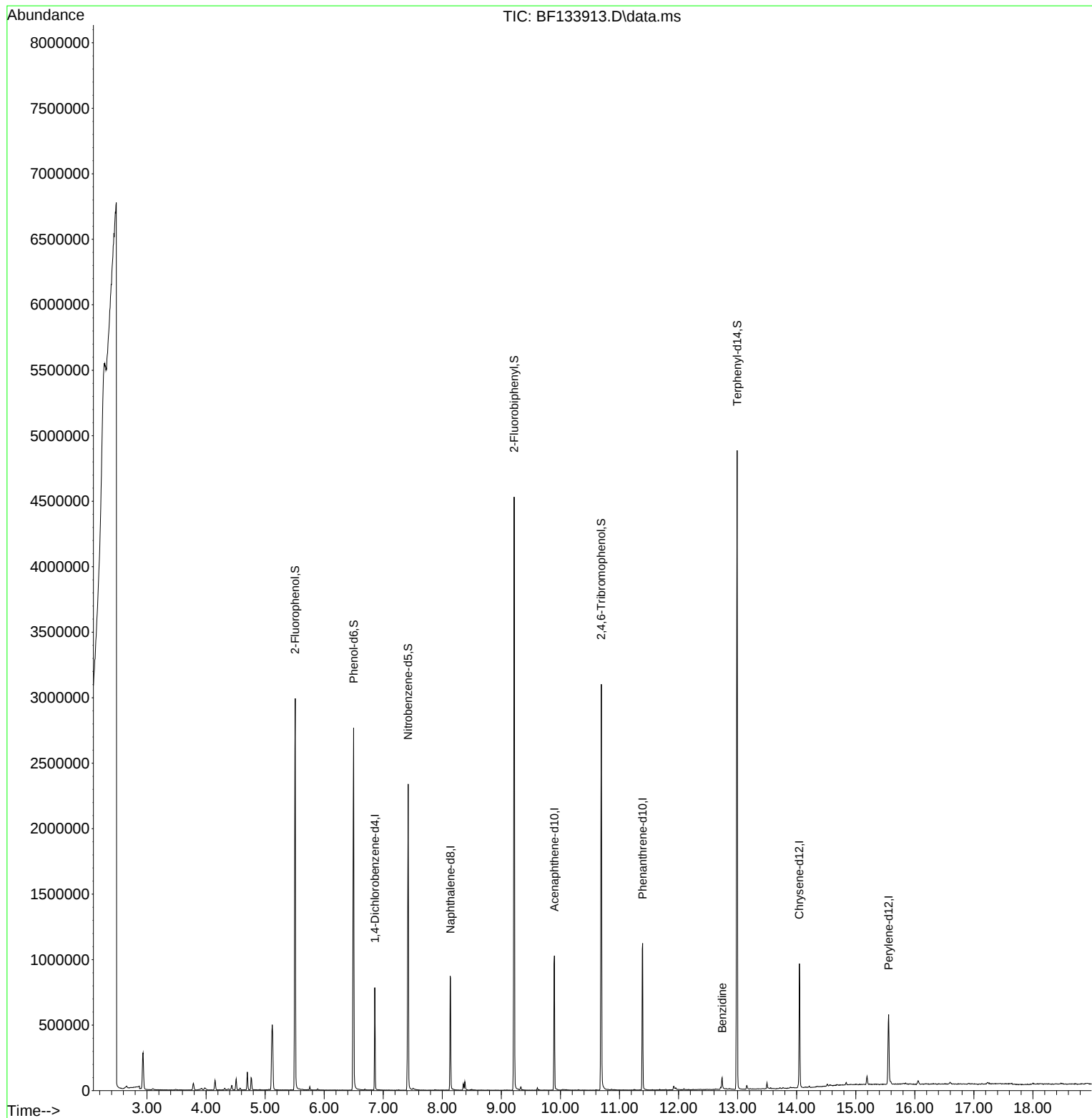
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	101269	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	420047	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	215985	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	438862	20.000	ng	0.00
76) Chrysene-d12	14.045	240	323072	20.000	ng	-0.01
86) Perylene-d12	15.556	264	262369	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	800893	137.680	ng	0.02
7) Phenol-d6	6.498	99	901898	119.112	ng	0.00
23) Nitrobenzene-d5	7.422	82	740114	95.969	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	398589	145.790	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1389535	91.453	ng	0.00
79) Terphenyl-d14	12.992	244	1781616	85.330	ng	0.00
Target Compounds						
77) Benzdine	12.739	184	38929	3.591	ng	Qvalue 97

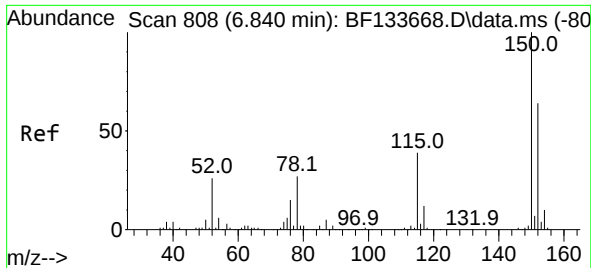
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
Data File : BF133913.D
Acq On : 22 Jun 2023 21:42
Operator : CG\JU
Sample : 03320-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14

Quant Time: Jun 23 05:04:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 02:21:26 2023
Response via : Initial Calibration

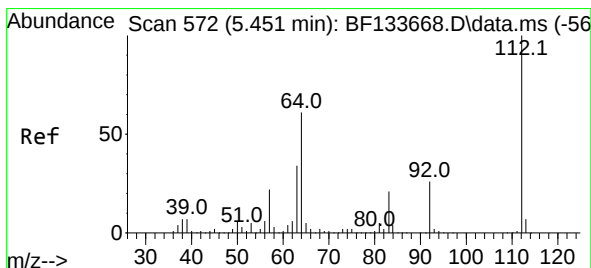
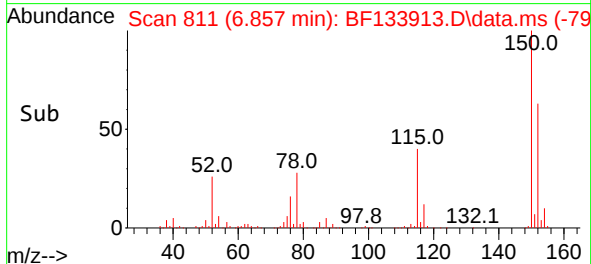
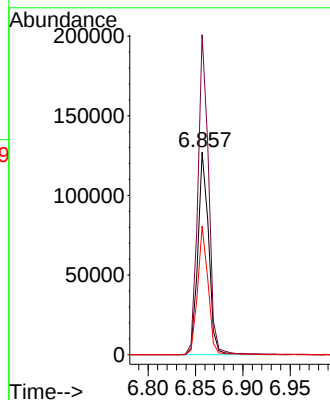
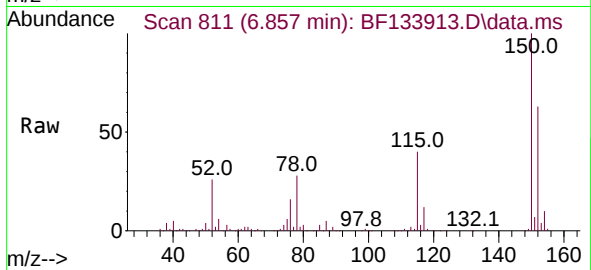




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133913.D
Acq: 22 Jun 2023 21:42

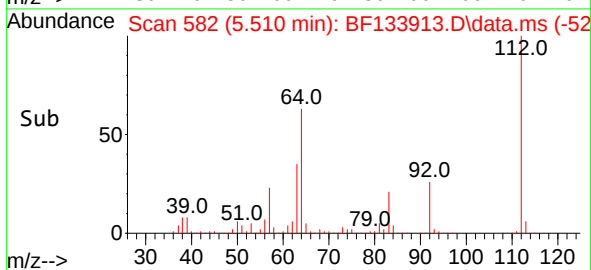
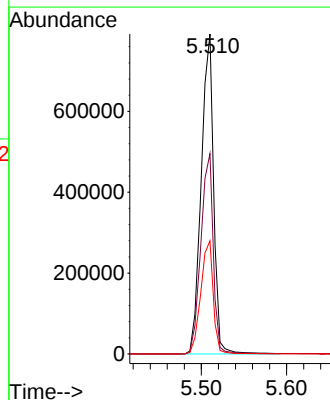
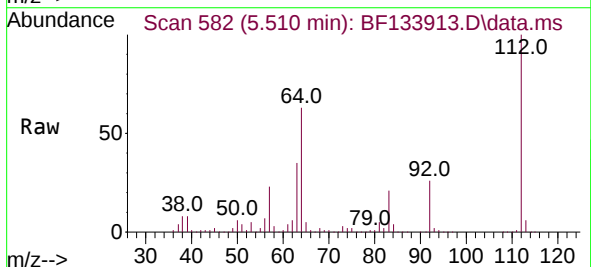
Instrument :
BNA_F
ClientSampleId :
WC-14

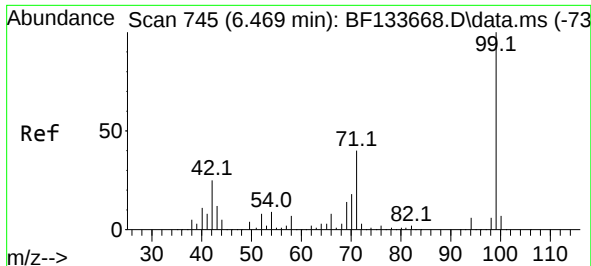
Tgt Ion:152 Resp: 101269
Ion Ratio Lower Upper
152 100
150 158.0 124.3 186.5
115 63.6 48.5 72.7



#5
2-Fluorophenol
Concen: 137.680 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF133913.D
Acq: 22 Jun 2023 21:42

Tgt Ion:112 Resp: 800893
Ion Ratio Lower Upper
112 100
64 62.6 49.0 73.4
63 35.4 26.8 40.2

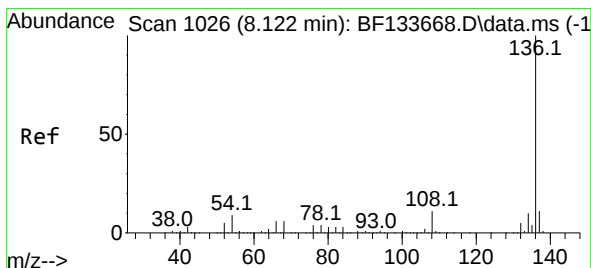
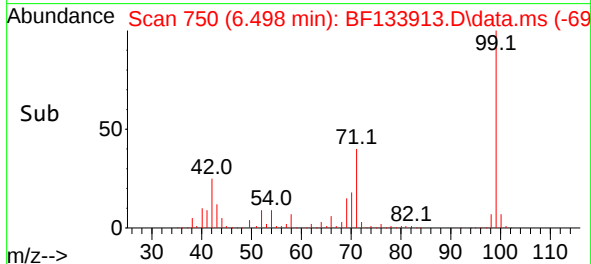
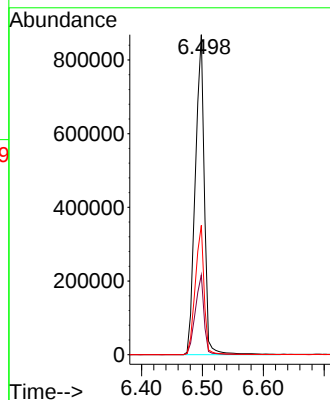
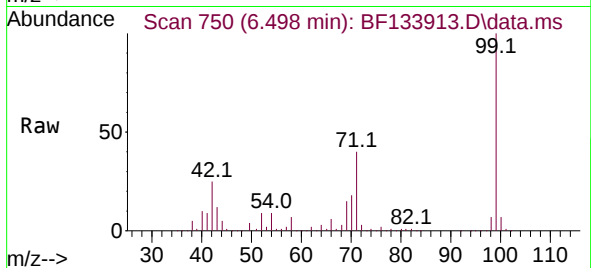




#7
Phenol-d6
Concen: 119.112 ng
RT: 6.498 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF133913.D
Acq: 22 Jun 2023 21:42

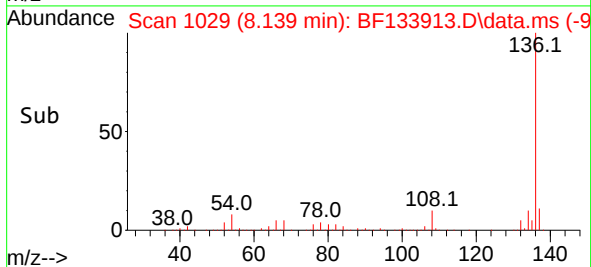
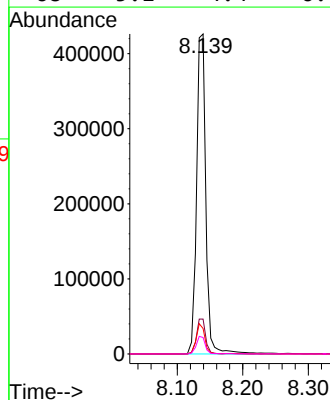
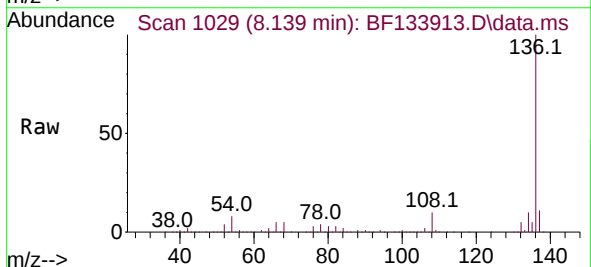
Instrument :
BNA_F
ClientSampleId :
WC-14

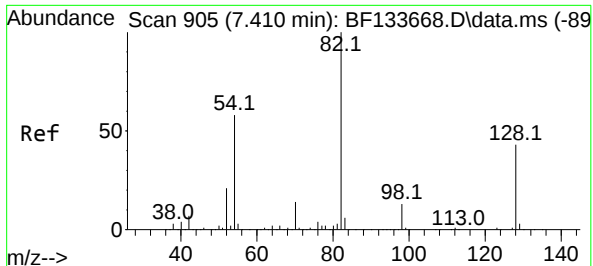
Tgt Ion: 99 Resp: 901898
Ion Ratio Lower Upper
99 100
42 24.9 19.9 29.9
71 40.4 32.2 48.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF133913.D
Acq: 22 Jun 2023 21:42

Tgt Ion: 136 Resp: 420047
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.9 7.4 11.0
68 5.1 4.4 6.6





#23

Nitrobenzene-d5

Concen: 95.969 ng

RT: 7.422 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133913.D

Acq: 22 Jun 2023 21:42

Instrument :

BNA_F

ClientSampleId :

WC-14

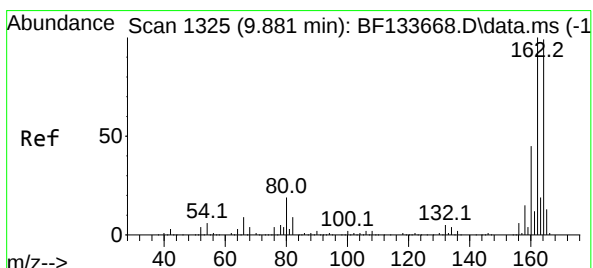
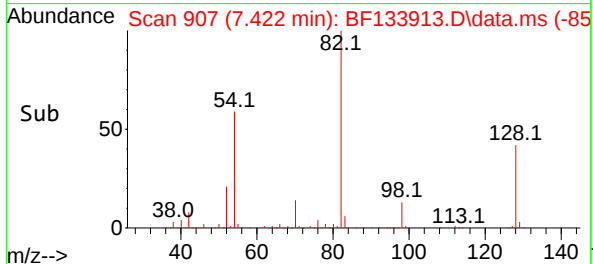
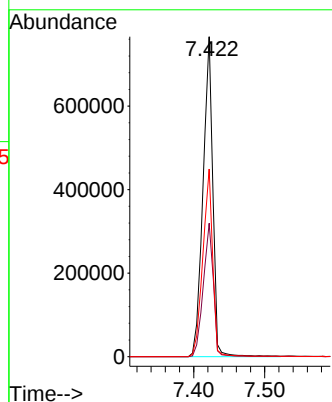
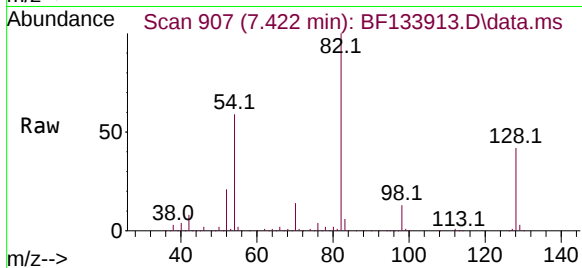
Tgt Ion: 82 Resp: 740114

Ion Ratio Lower Upper

82 100

128 41.7 34.2 51.2

54 58.7 46.5 69.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1328

Delta R.T. 0.000 min

Lab File: BF133913.D

Acq: 22 Jun 2023 21:42

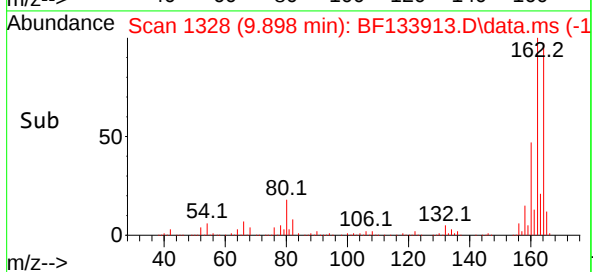
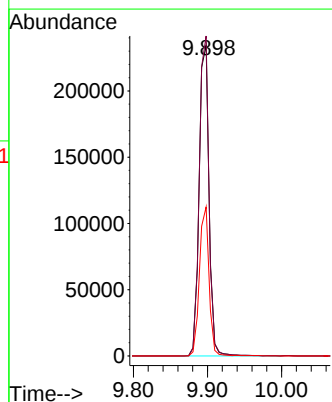
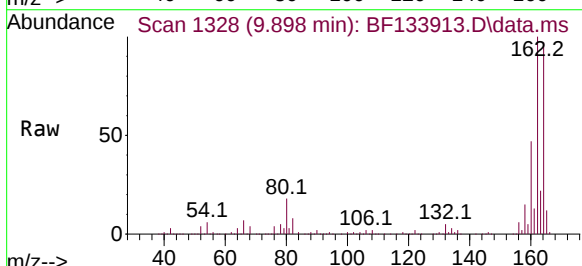
Tgt Ion:164 Resp: 215985

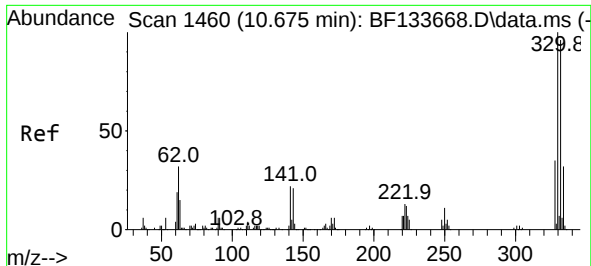
Ion Ratio Lower Upper

164 100

162 103.0 80.8 121.2

160 47.9 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 145.790 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF133913.D

Acq: 22 Jun 2023 21:42

Instrument :

BNA_F

ClientSampleId :

WC-14

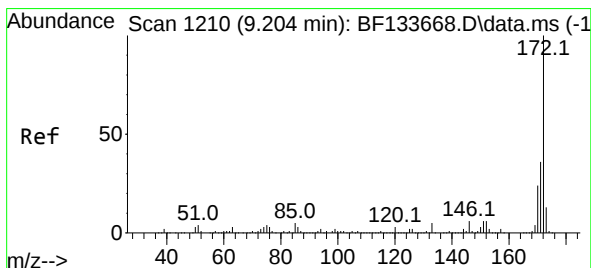
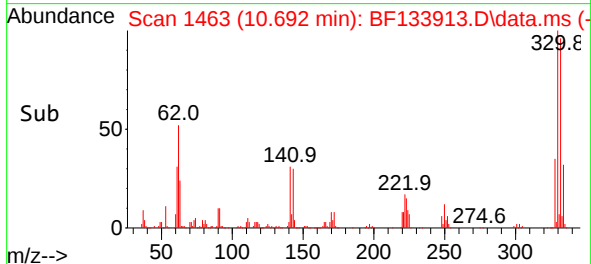
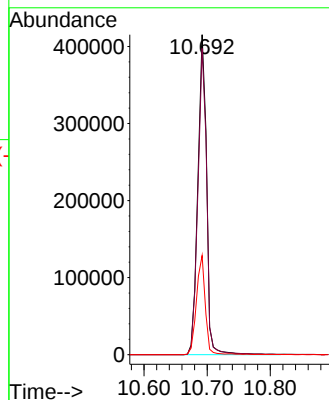
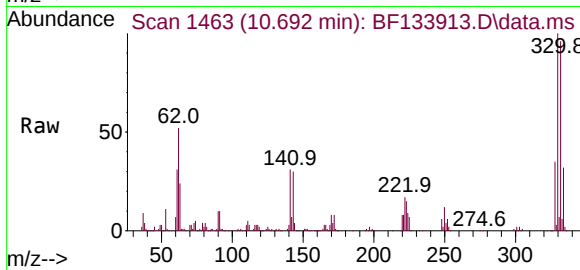
Tgt Ion:330 Resp: 398589

Ion Ratio Lower Upper

330 100

332 95.9 77.2 115.8

141 31.6 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 91.453 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF133913.D

Acq: 22 Jun 2023 21:42

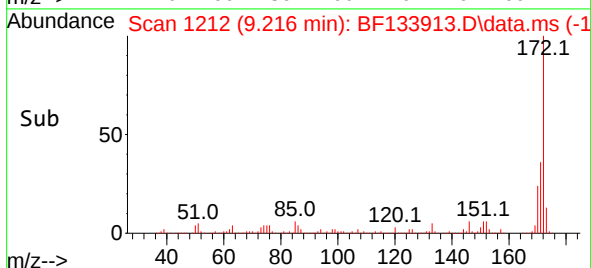
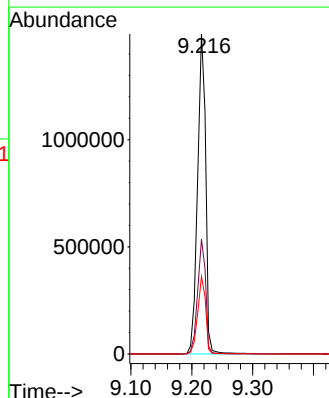
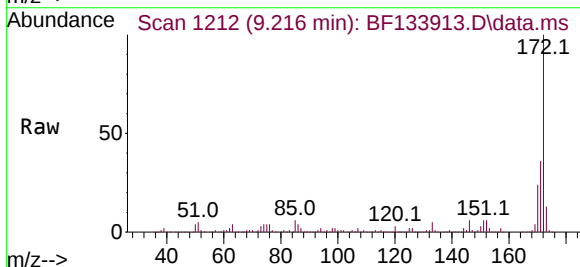
Tgt Ion:172 Resp: 1389535

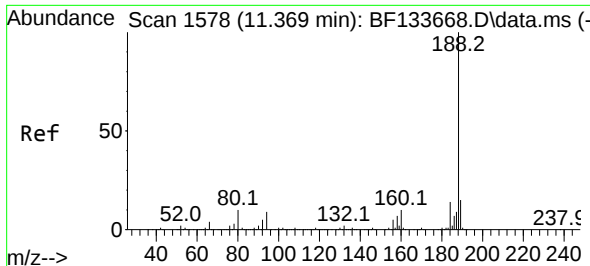
Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

170 24.2 19.1 28.7

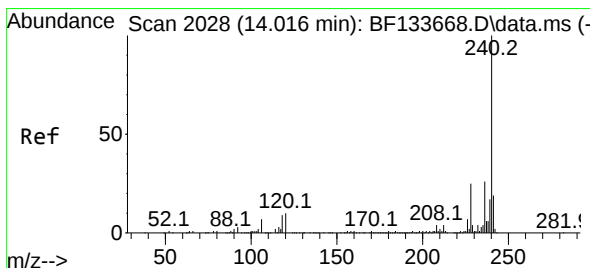
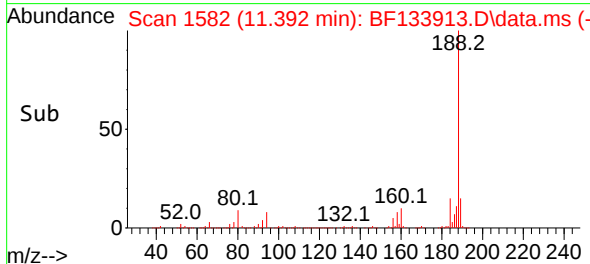
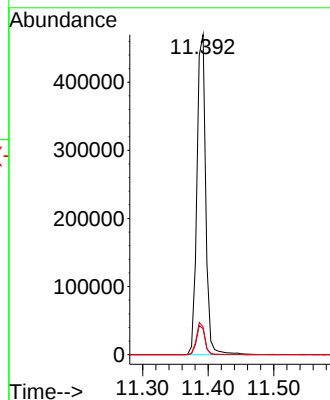
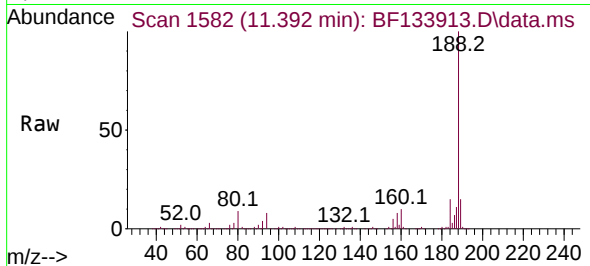




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133913.D
Acq: 22 Jun 2023 21:42

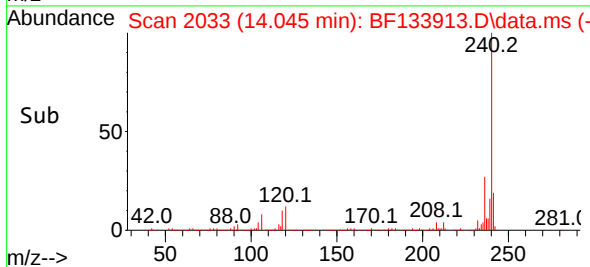
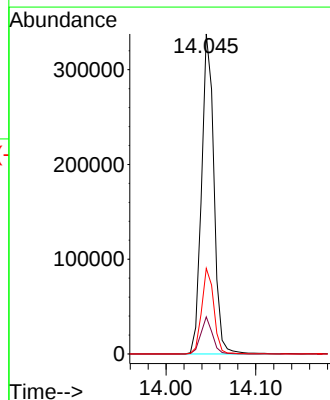
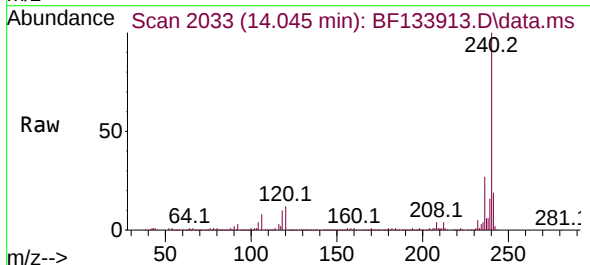
Instrument :
BNA_F
ClientSampleId :
WC-14

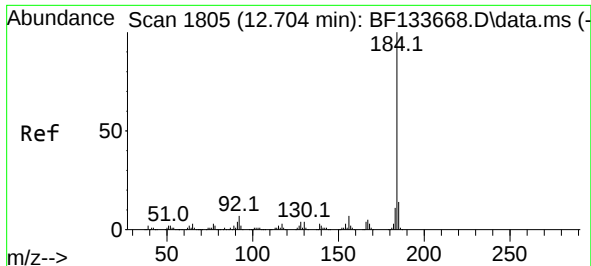
Tgt Ion:188 Resp: 438862
Ion Ratio Lower Upper
188 100
94 8.1 6.8 10.2
80 8.8 7.8 11.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.012 min
Lab File: BF133913.D
Acq: 22 Jun 2023 21:42

Tgt Ion:240 Resp: 323072
Ion Ratio Lower Upper
240 100
120 11.6 8.1 12.1
236 26.7 20.5 30.7

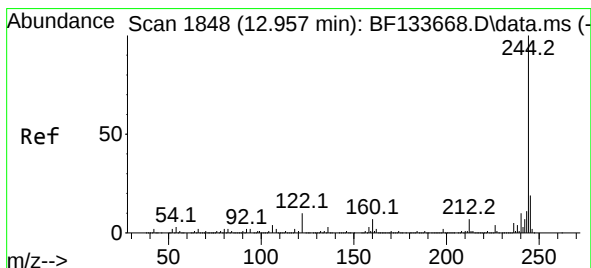
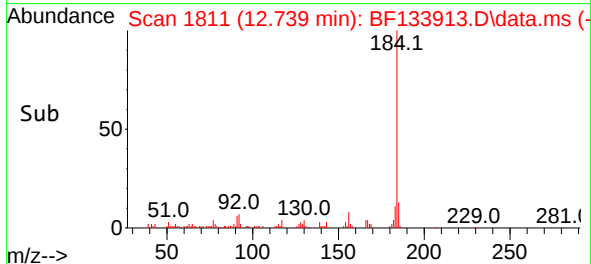
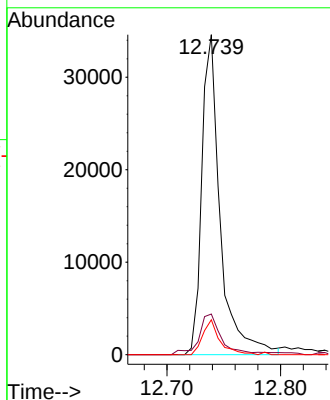
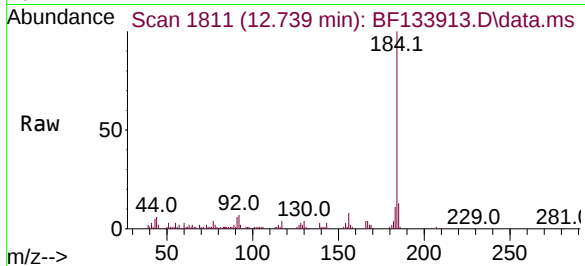




#77
Benzidine
Concen: 3.591 ng
RT: 12.739 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF133913.D
Acq: 22 Jun 2023 21:42

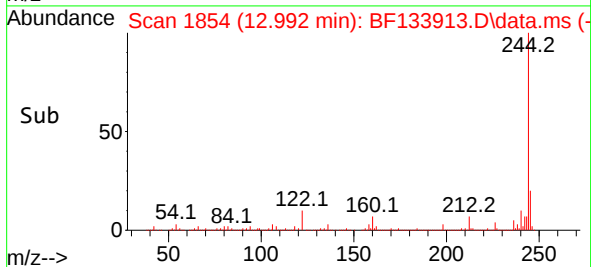
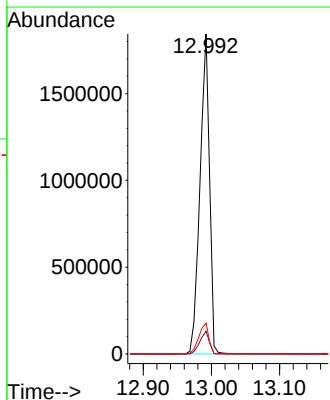
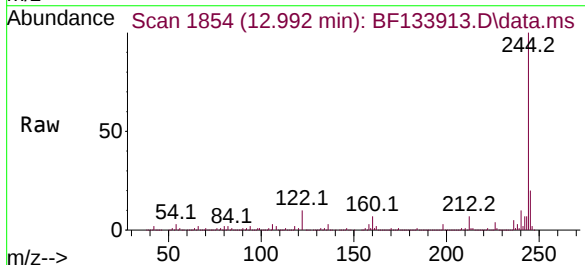
Instrument :
BNA_F
ClientSampleId :
WC-14

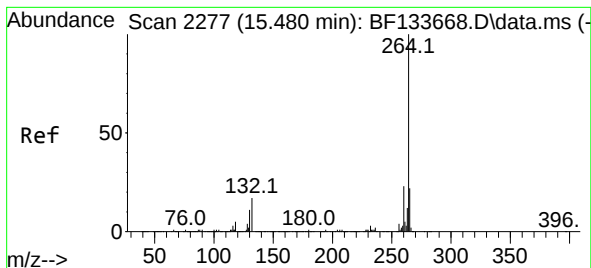
Tgt Ion:184 Resp: 38929
Ion Ratio Lower Upper
184 100
185 12.7 11.6 17.4
183 10.9 8.4 12.6



#79
Terphenyl-d14
Concen: 85.330 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF133913.D
Acq: 22 Jun 2023 21:42

Tgt Ion:244 Resp: 1781616
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 9.6 8.1 12.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.556 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF133913.D

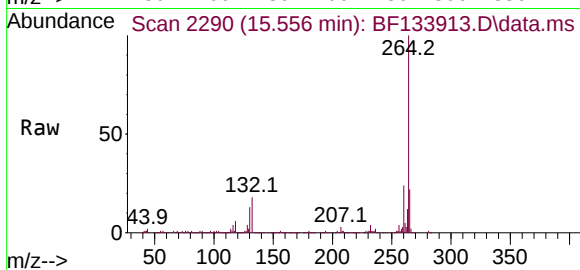
Acq: 22 Jun 2023 21:42

Instrument :

BNA_F

ClientSampleId :

WC-14



Tgt Ion:264 Resp: 262369

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.2

265 21.7 17.8 26.6

