

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
 Data File : BF133926.D
 Acq On : 23 Jun 2023 04:42
 Operator : CG\JU
 Sample : 03352-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-3-062023

Quant Time: Jun 23 05:51:05 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	113301	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	415163	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	184050	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	291204	20.000	ng	0.00
76) Chrysene-d12	14.045	240	230608	20.000	ng	-0.01
86) Perylene-d12	15.556	264	187323	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	493233	75.787	ng	0.00
7) Phenol-d6	6.492	99	586667	69.252	ng	0.00
23) Nitrobenzene-d5	7.416	82	390691	51.256	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	138021	59.243	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	717295	55.400	ng	0.00
79) Terphenyl-d14	12.986	244	577292	38.735	ng	0.00

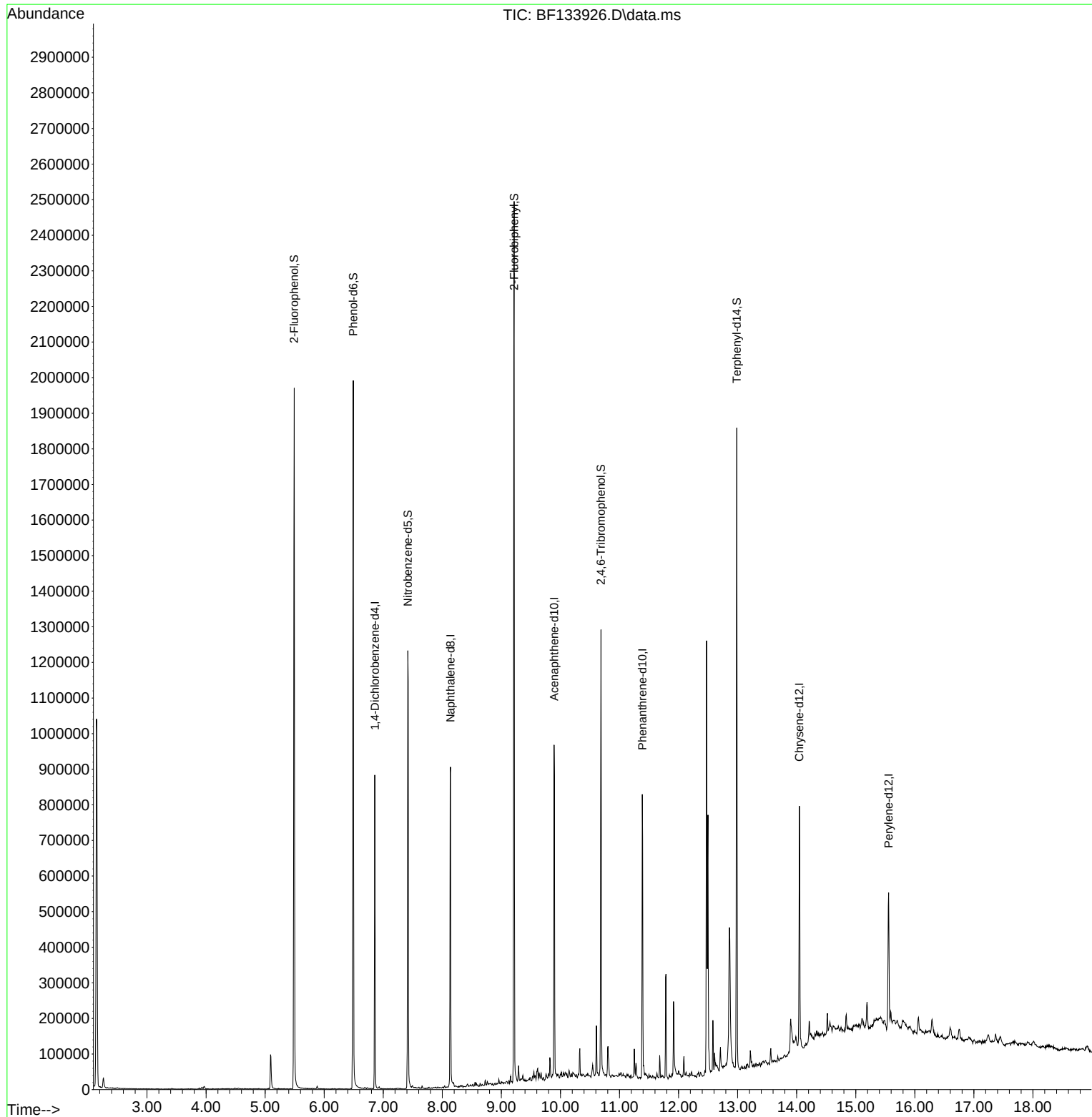
Target Compounds	Qvalue

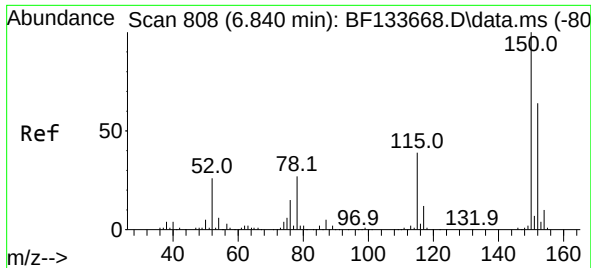
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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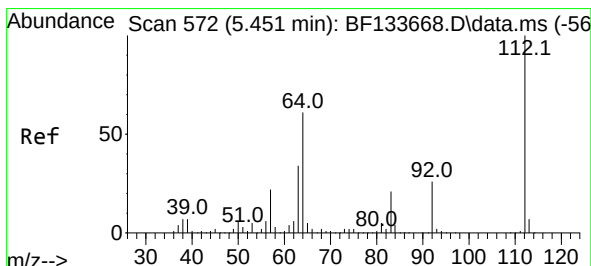
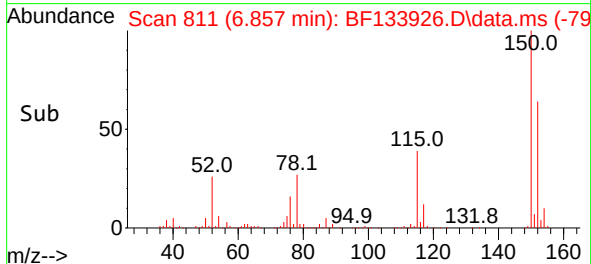
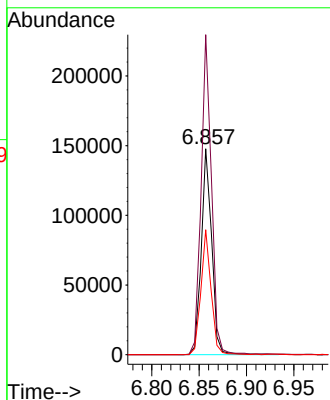
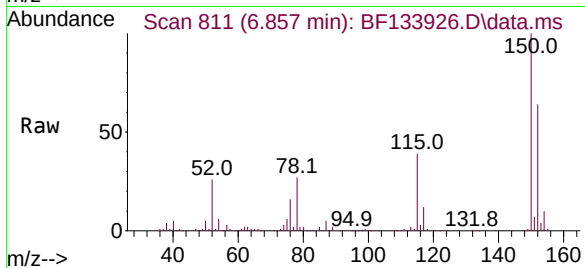




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133926.D
Acq: 23 Jun 2023 04:42

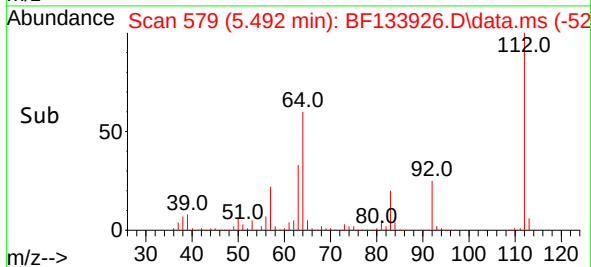
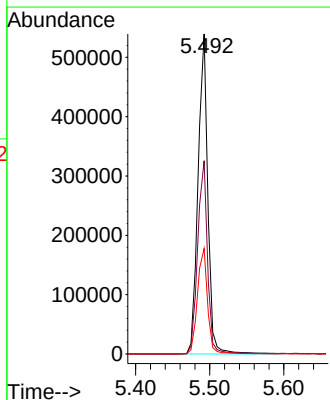
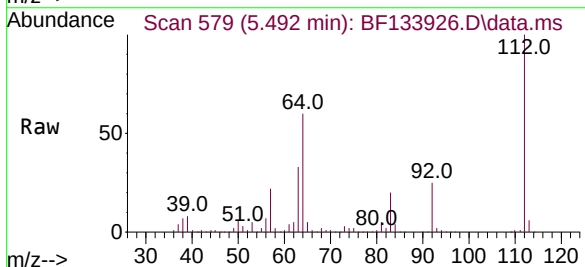
Instrument :
BNA_F
ClientSampleId :
BU-3-062023

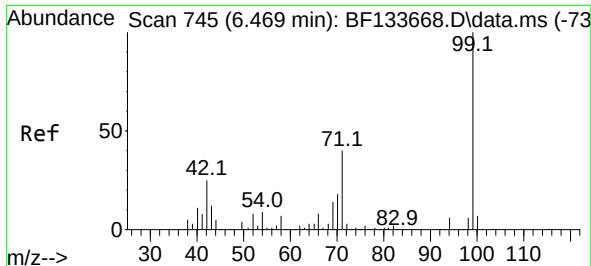
Tgt Ion:152 Resp: 113301
Ion Ratio Lower Upper
152 100
150 155.4 124.3 186.5
115 60.6 48.5 72.7



#5
2-Fluorophenol
Concen: 75.787 ng
RT: 5.492 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF133926.D
Acq: 23 Jun 2023 04:42

Tgt Ion:112 Resp: 493233
Ion Ratio Lower Upper
112 100
64 60.4 49.0 73.4
63 32.9 26.8 40.2

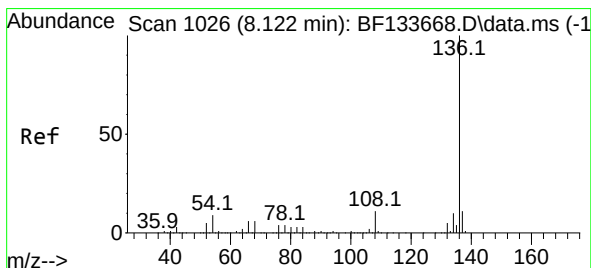
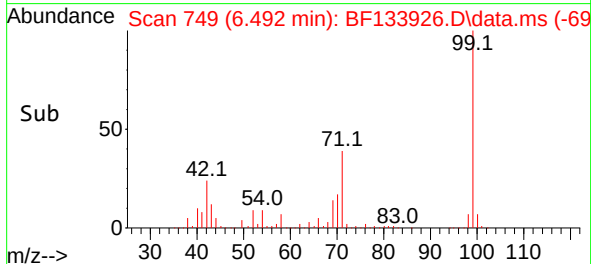
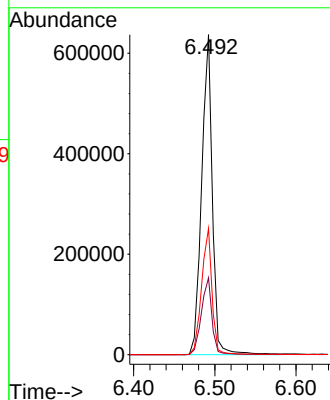
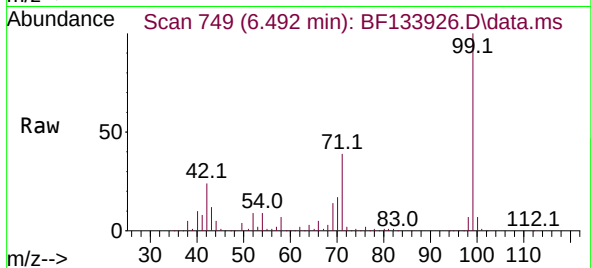




#7
Phenol-d6
Concen: 69.252 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF133926.D
Acq: 23 Jun 2023 04:42

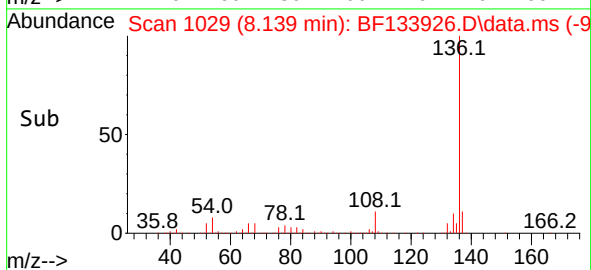
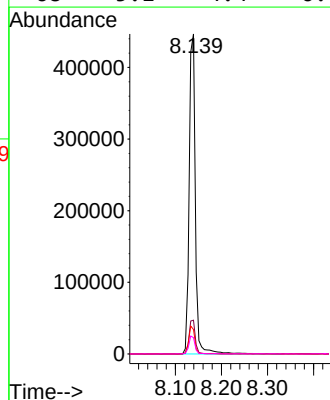
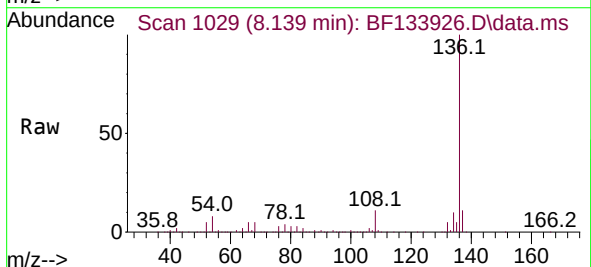
Instrument :
BNA_F
ClientSampleId :
BU-3-062023

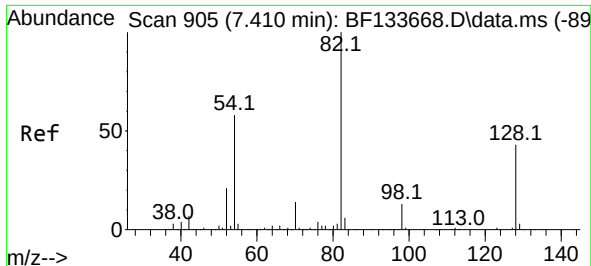
Tgt Ion: 99 Resp: 586667
Ion Ratio Lower Upper
99 100
42 24.0 19.9 29.9
71 39.4 32.2 48.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BF133926.D
Acq: 23 Jun 2023 04:42

Tgt Ion: 136 Resp: 415163
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 7.7 7.4 11.0
68 5.1 4.4 6.6





#23

Nitrobenzene-d5

Concen: 51.256 ng

RT: 7.416 min Scan# 905

Delta R.T. -0.012 min

Lab File: BF133926.D

Acq: 23 Jun 2023 04:42

Instrument :

BNA_F

ClientSampleId :

BU-3-062023

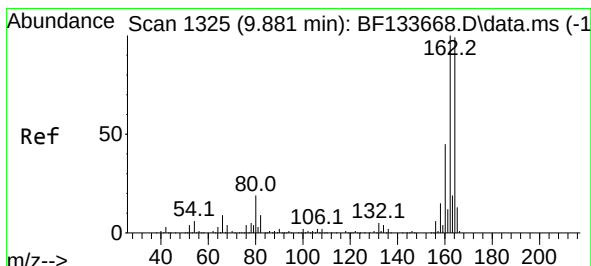
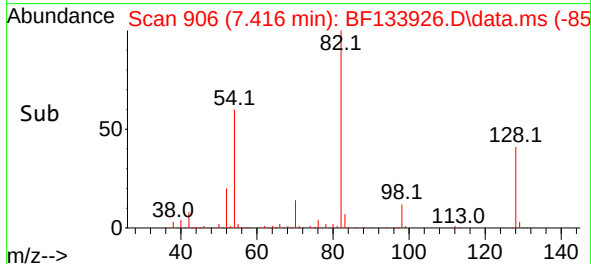
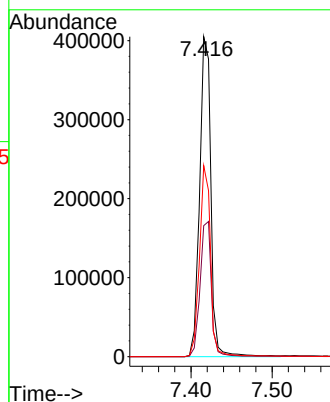
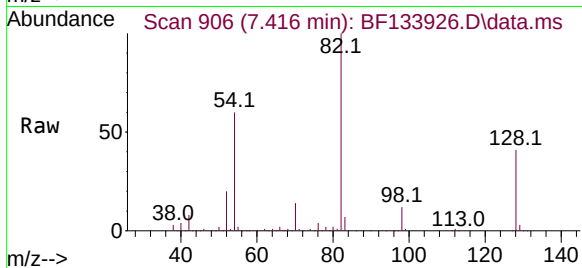
Tgt Ion: 82 Resp: 390691

Ion Ratio Lower Upper

82 100

128 40.9 34.2 51.2

54 59.7 46.5 69.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.892 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF133926.D

Acq: 23 Jun 2023 04:42

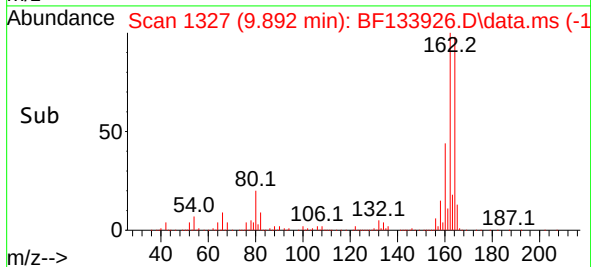
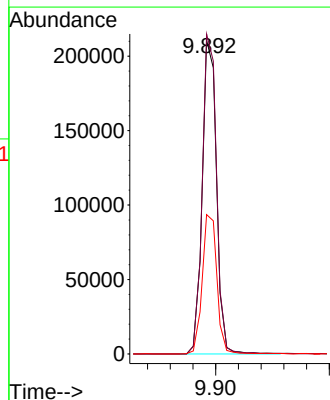
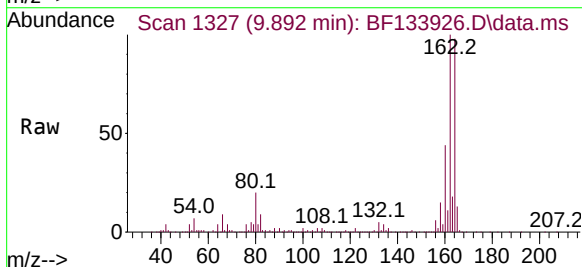
Tgt Ion: 164 Resp: 184050

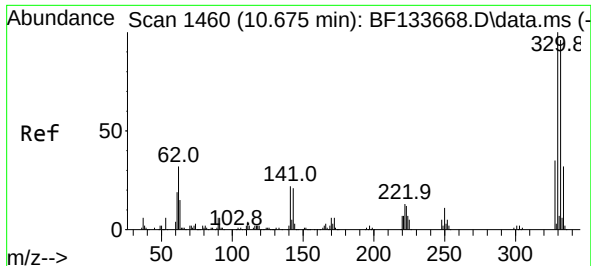
Ion Ratio Lower Upper

164 100

162 102.0 80.8 121.2

160 44.4 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 59.243 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.012 min

Lab File: BF133926.D

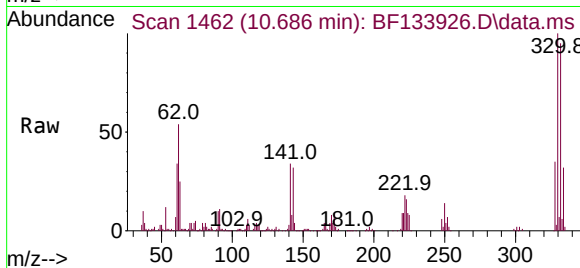
Acq: 23 Jun 2023 04:42

Instrument :

BNA_F

ClientSampleId :

BU-3-062023



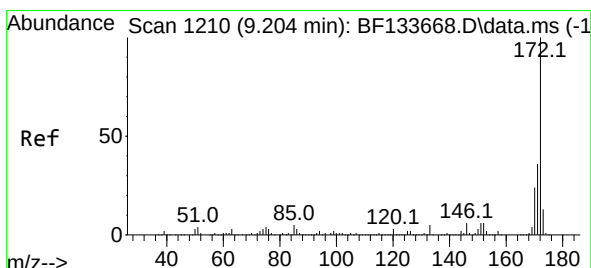
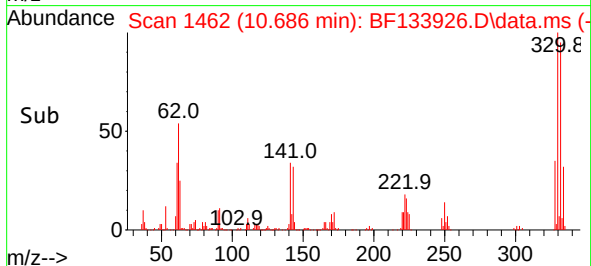
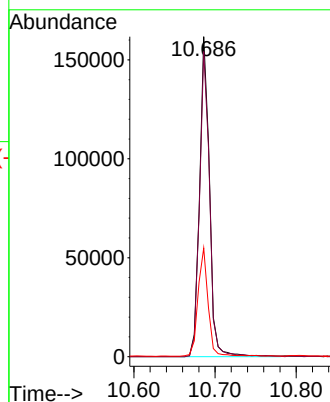
Tgt Ion:330 Resp: 138021

Ion Ratio Lower Upper

330 100

332 96.3 77.2 115.8

141 34.2 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 55.400 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF133926.D

Acq: 23 Jun 2023 04:42

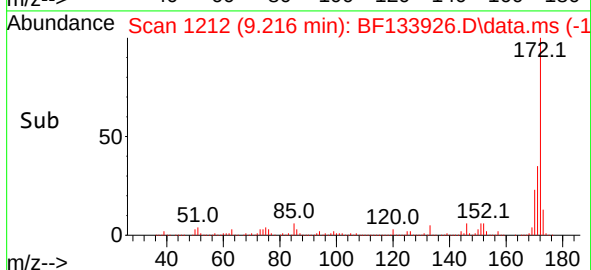
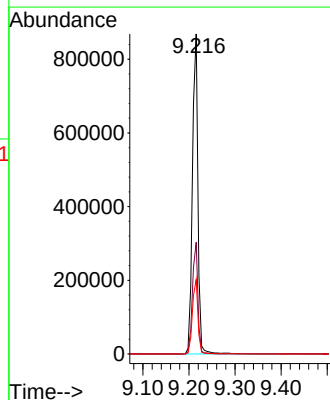
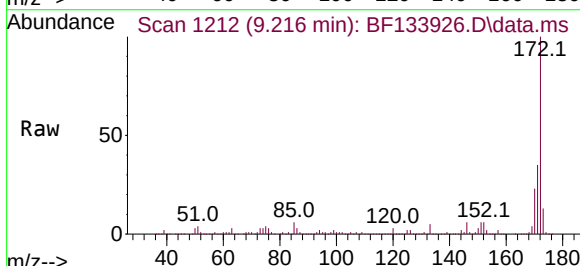
Tgt Ion:172 Resp: 717295

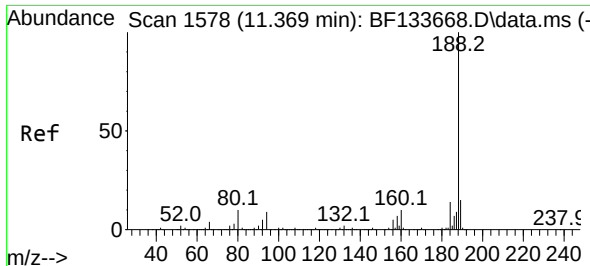
Ion Ratio Lower Upper

172 100

171 34.9 28.6 43.0

170 23.3 19.1 28.7

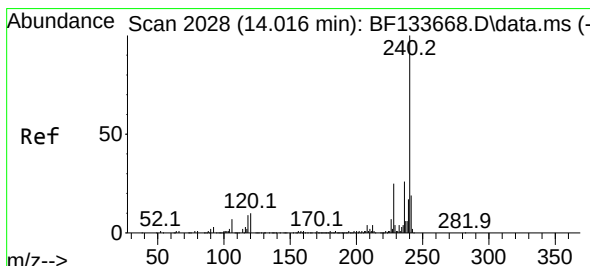
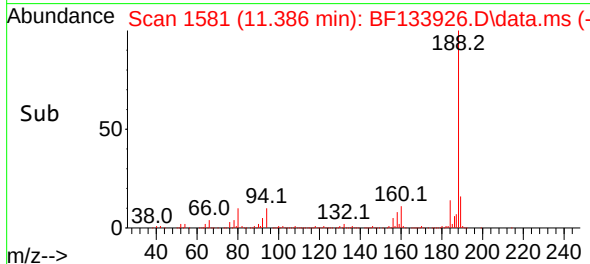
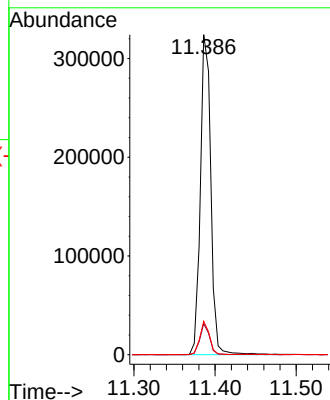
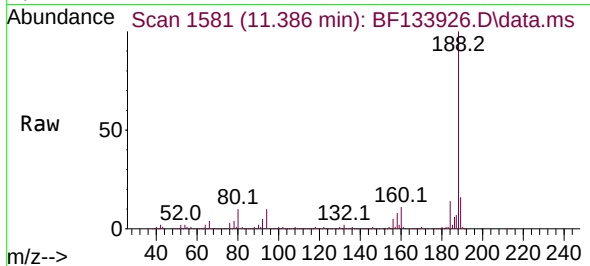




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF133926.D
Acq: 23 Jun 2023 04:42

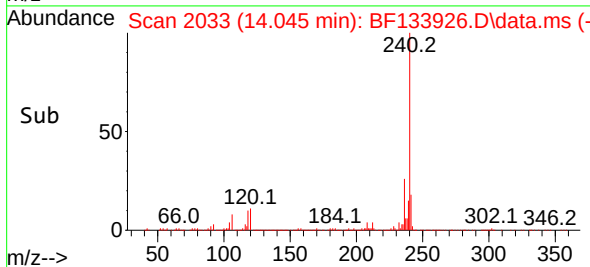
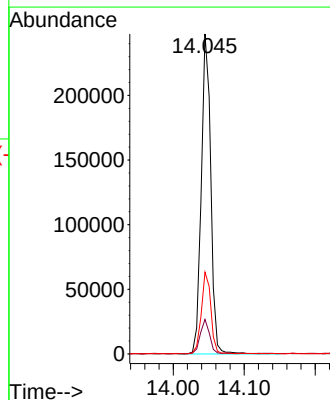
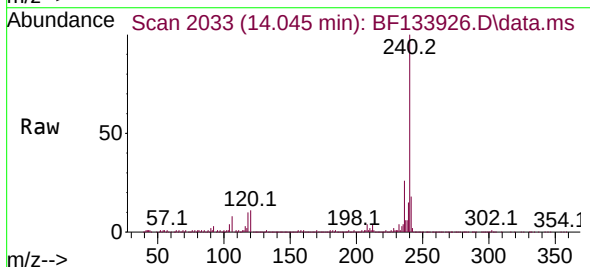
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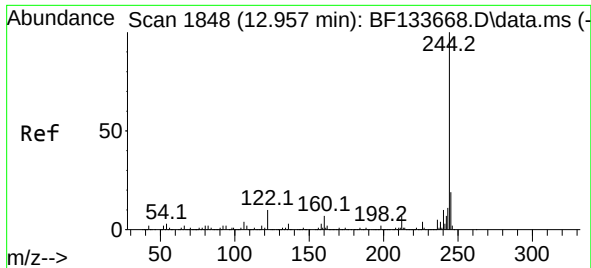
Tgt Ion:188 Resp: 291204
Ion Ratio Lower Upper
188 100
94 9.7 6.8 10.2
80 10.5 7.8 11.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.012 min
Lab File: BF133926.D
Acq: 23 Jun 2023 04:42

Tgt Ion:240 Resp: 230608
Ion Ratio Lower Upper
240 100
120 10.8 8.1 12.1
236 25.6 20.5 30.7

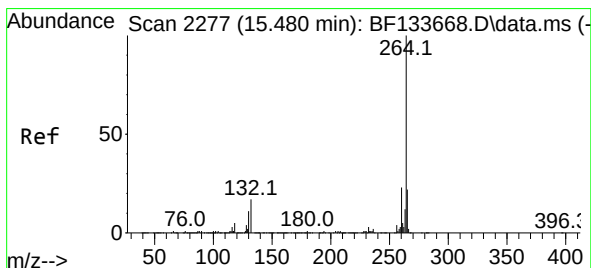
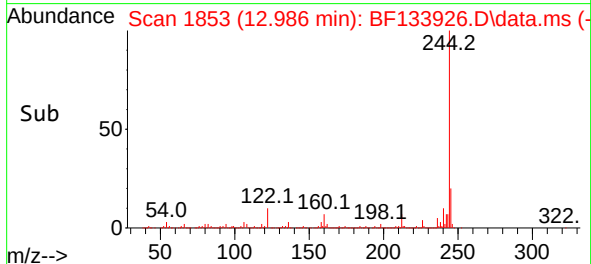
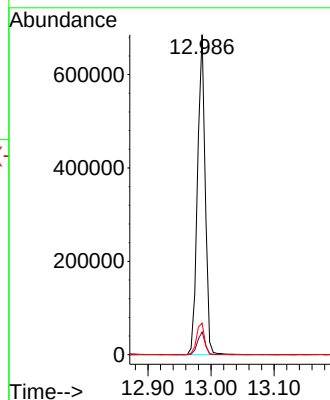
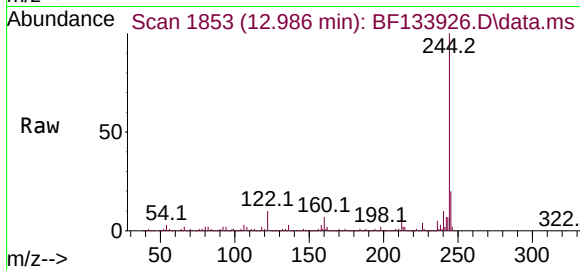




#79
 Terphenyl-d14
 Concen: 38.735 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF133926.D
 Acq: 23 Jun 2023 04:42

Instrument :
 BNA_F
 ClientSampleId :
 BU-3-062023

Tgt Ion:244 Resp: 577292
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 9.9 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.556 min Scan# 2290
 Delta R.T. -0.006 min
 Lab File: BF133926.D
 Acq: 23 Jun 2023 04:42

Tgt Ion:264 Resp: 187323
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.2 27.2
 265 21.6 17.8 26.6

