

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
 Data File : BF133902.D
 Acq On : 22 Jun 2023 15:32
 Operator : CG\JU
 Sample : 03321-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-23

Quant Time: Jun 23 02:29:41 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	98210	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	355686	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	158438	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	262570	20.000	ng	0.00
76) Chrysene-d12	14.051	240	230265	20.000	ng	0.00
86) Perylene-d12	15.556	264	181959	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	457102	81.027	ng	0.00
7) Phenol-d6	6.492	99	544981	74.217	ng	0.00
23) Nitrobenzene-d5	7.422	82	366395	56.107	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	139938	69.776	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	667478	59.887	ng	0.00
79) Terphenyl-d14	12.986	244	626297	42.086	ng	0.00

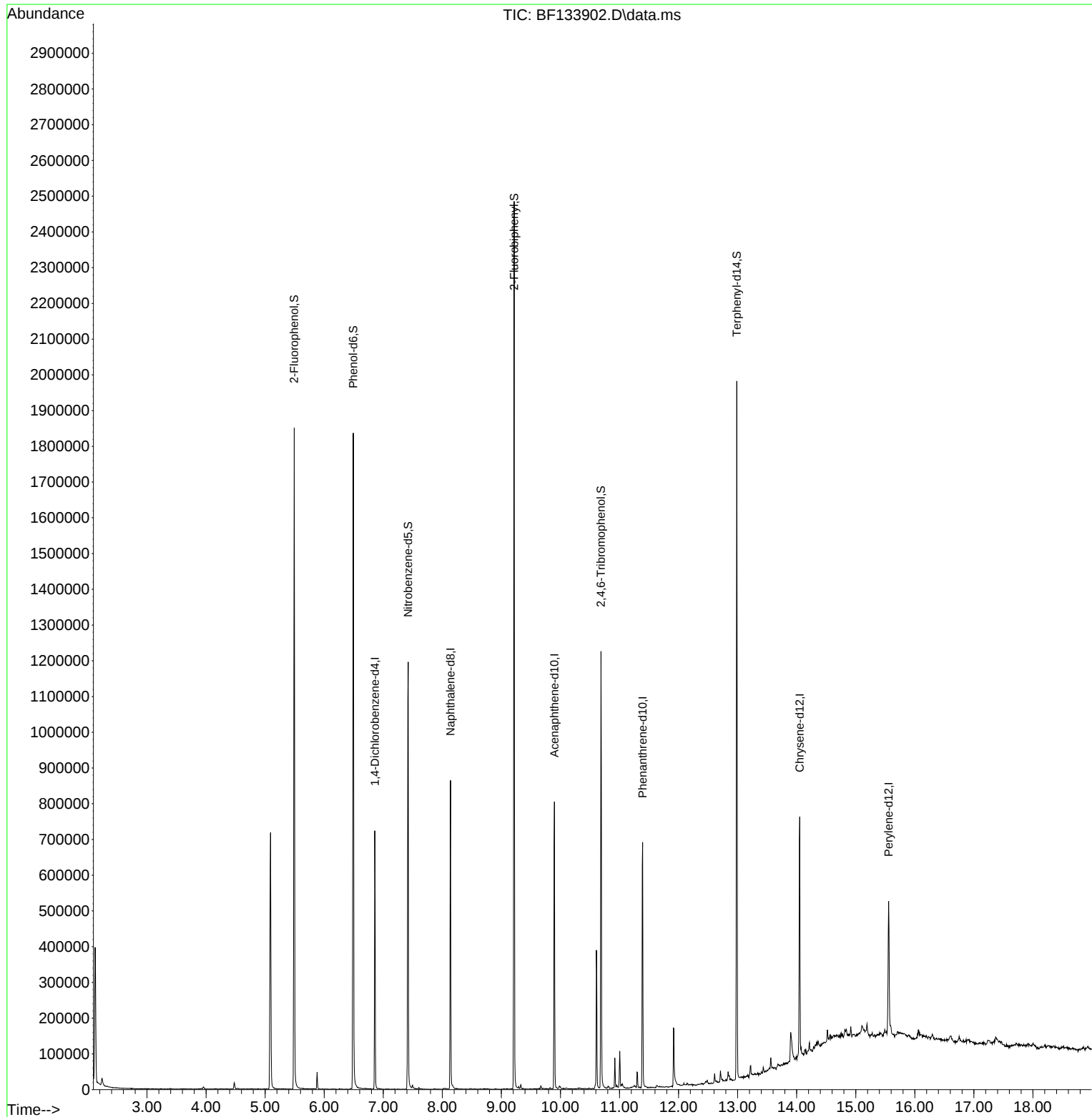
Target Compounds	Qvalue

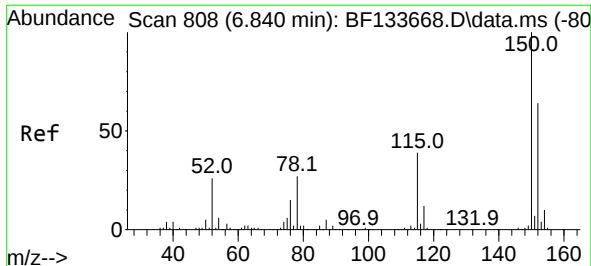
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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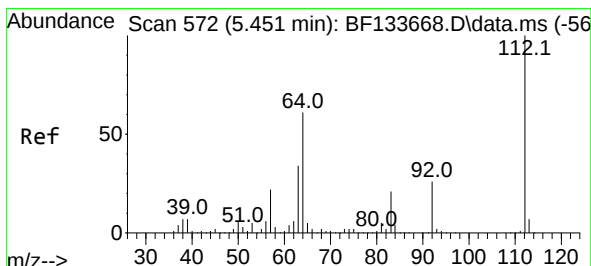
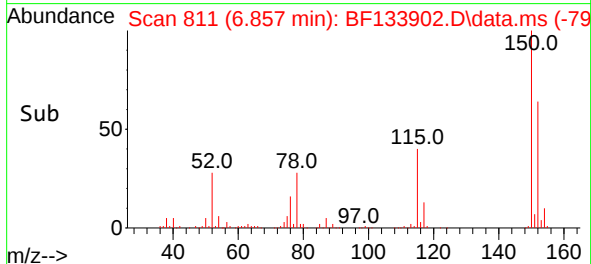
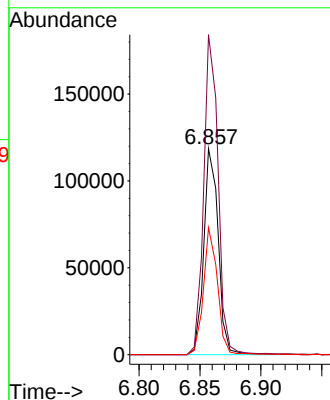
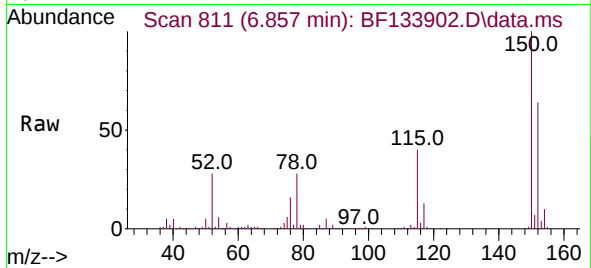




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133902.D
Acq: 22 Jun 2023 15:32

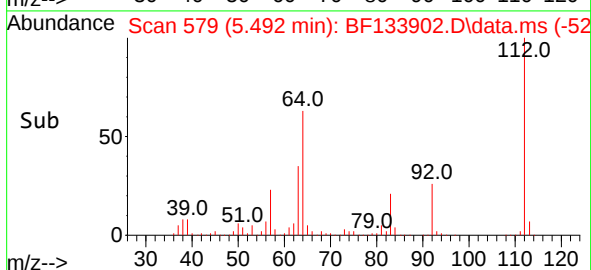
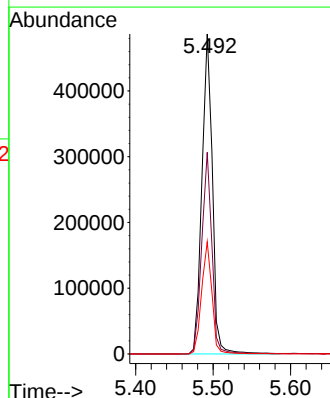
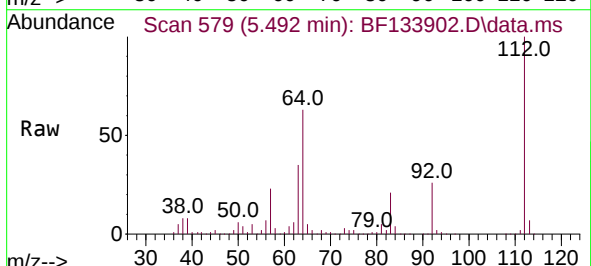
Instrument :
BNA_F
ClientSampleId :
WC-23

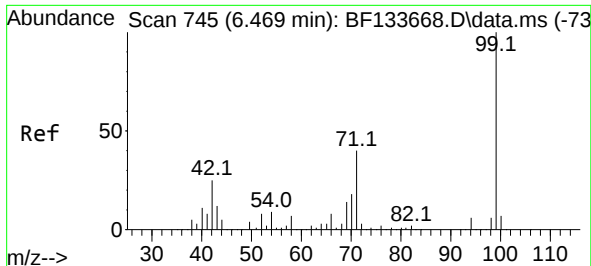
Tgt Ion:152 Resp: 98210
Ion Ratio Lower Upper
152 100
150 155.3 124.3 186.5
115 61.6 48.5 72.7



#5
2-Fluorophenol
Concen: 81.027 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF133902.D
Acq: 22 Jun 2023 15:32

Tgt Ion:112 Resp: 457102
Ion Ratio Lower Upper
112 100
64 63.0 49.0 73.4
63 35.1 26.8 40.2

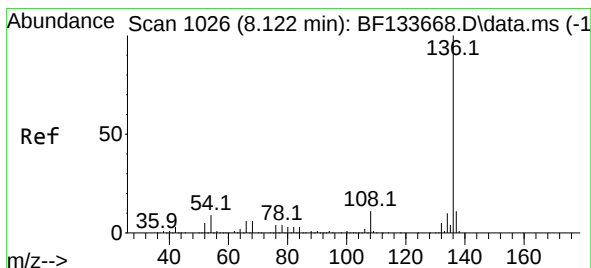
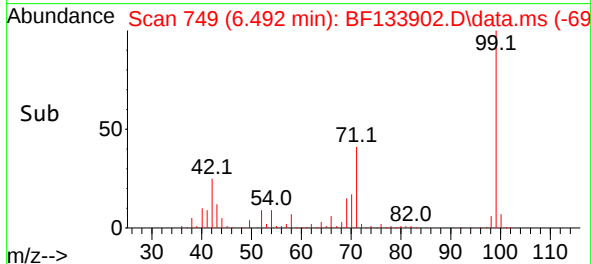
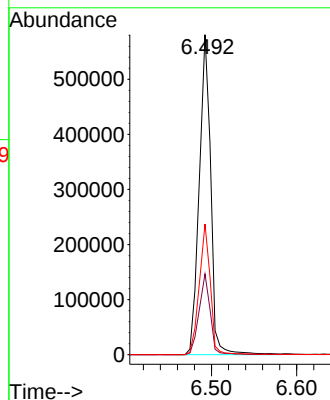
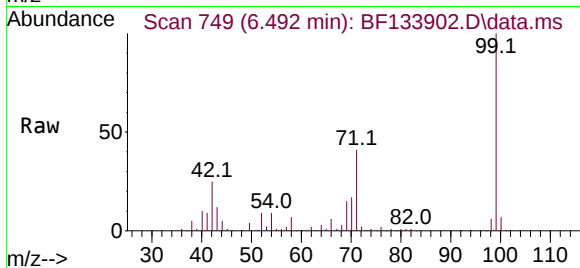




#7
Phenol-d6
Concen: 74.217 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF133902.D
Acq: 22 Jun 2023 15:32

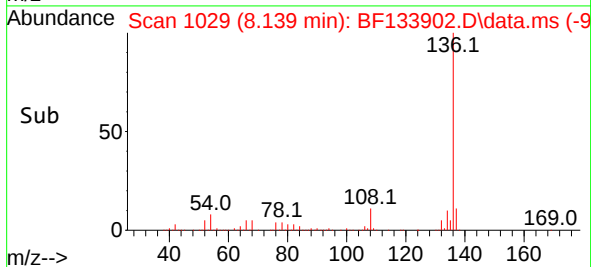
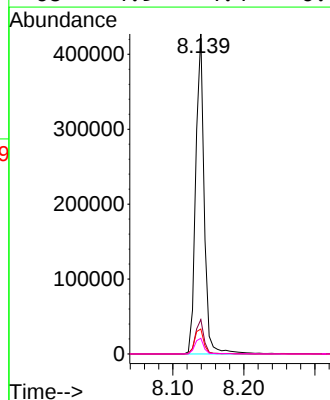
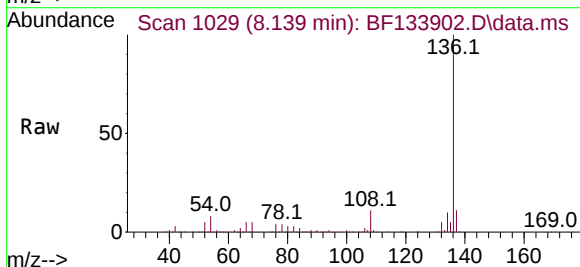
Instrument :
BNA_F
ClientSampleId :
WC-23

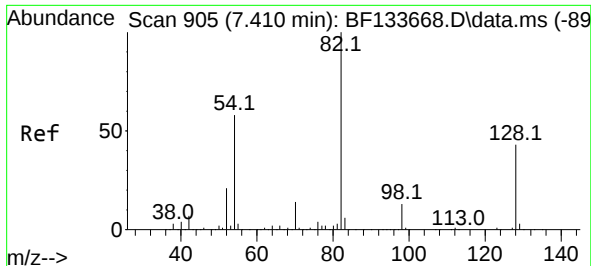
Tgt Ion: 99 Resp: 544981
Ion Ratio Lower Upper
99 100
42 25.3 19.9 29.9
71 40.8 32.2 48.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF133902.D
Acq: 22 Jun 2023 15:32

Tgt Ion: 136 Resp: 355686
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.8 7.4 11.0
68 4.9 4.4 6.6

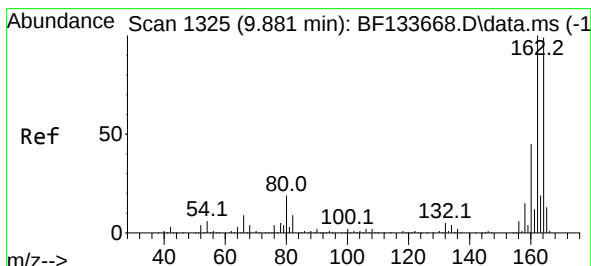
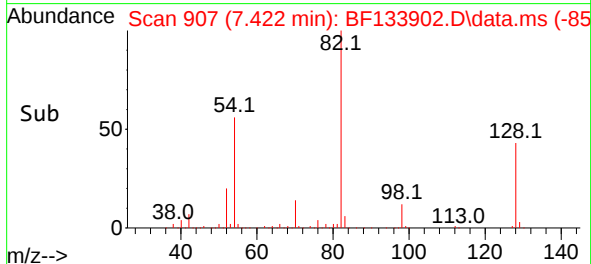
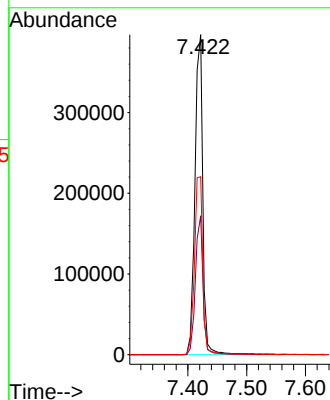
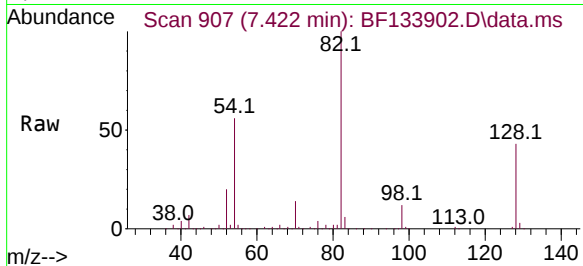




#23
Nitrobenzene-d5
Concen: 56.107 ng
RT: 7.422 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF133902.D
Acq: 22 Jun 2023 15:32

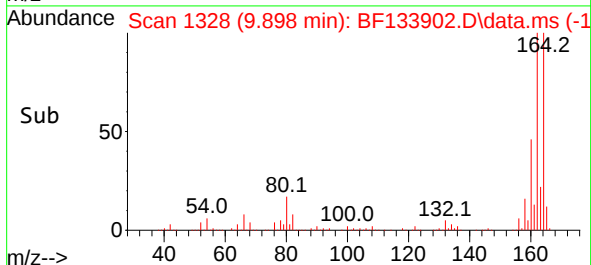
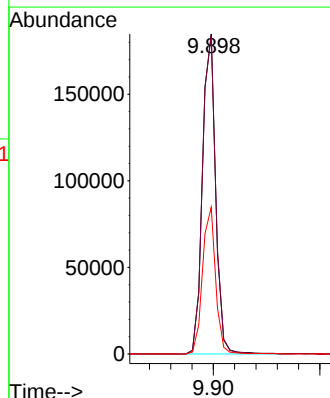
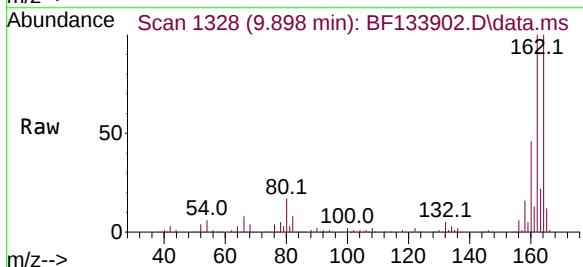
Instrument :
BNA_F
ClientSampleId :
WC-23

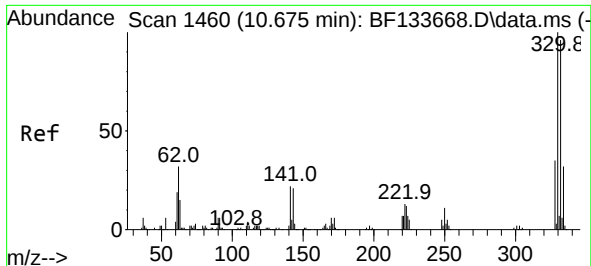
Tgt Ion: 82 Resp: 366395
Ion Ratio Lower Upper
82 100
128 43.4 34.2 51.2
54 55.6 46.5 69.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF133902.D
Acq: 22 Jun 2023 15:32

Tgt Ion:164 Resp: 158438
Ion Ratio Lower Upper
164 100
162 99.5 80.8 121.2
160 45.8 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 69.776 ng

RT: 10.686 min Scan# 1460

Delta R.T. -0.012 min

Lab File: BF133902.D

Acq: 22 Jun 2023 15:32

Instrument :

BNA_F

ClientSampleId :

WC-23

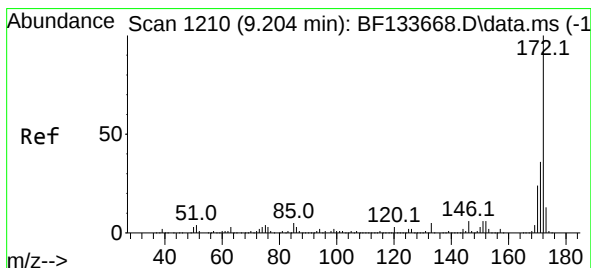
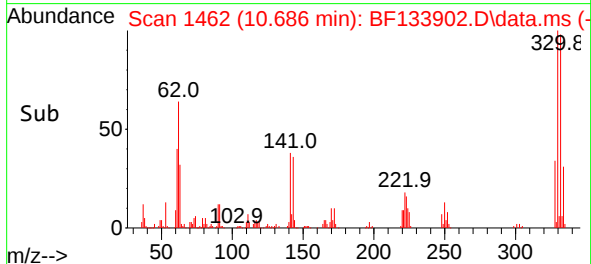
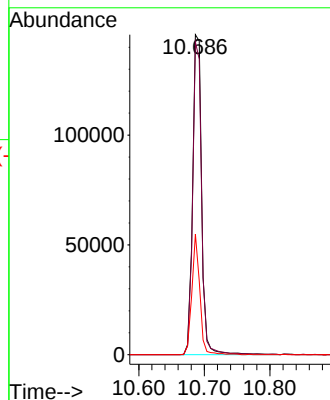
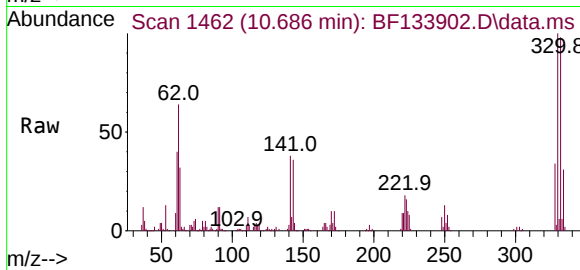
Tgt Ion:330 Resp: 139938

Ion Ratio Lower Upper

330 100

332 96.1 77.2 115.8

141 33.0 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 59.887 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF133902.D

Acq: 22 Jun 2023 15:32

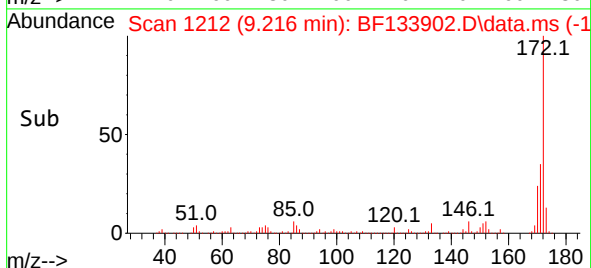
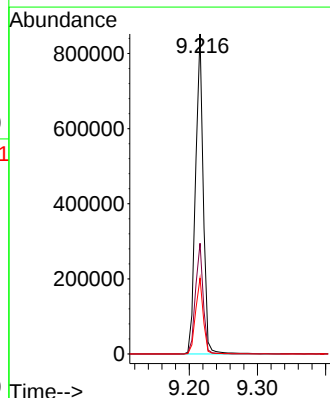
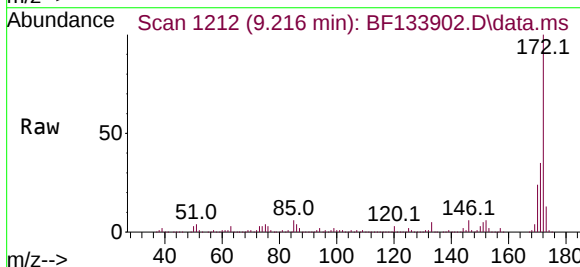
Tgt Ion:172 Resp: 667478

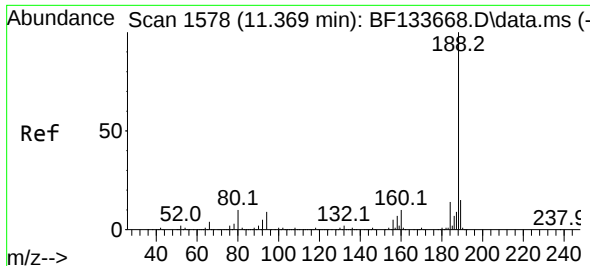
Ion Ratio Lower Upper

172 100

171 34.6 28.6 43.0

170 23.7 19.1 28.7

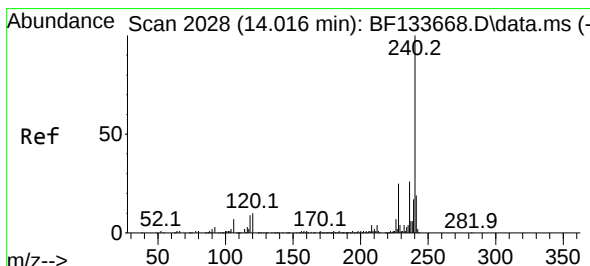
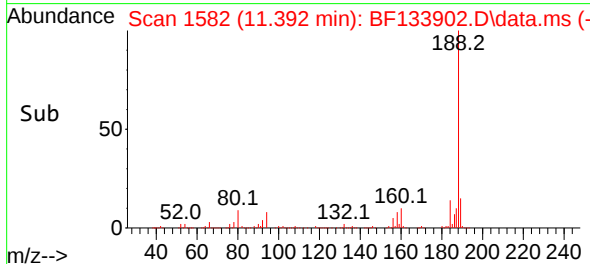
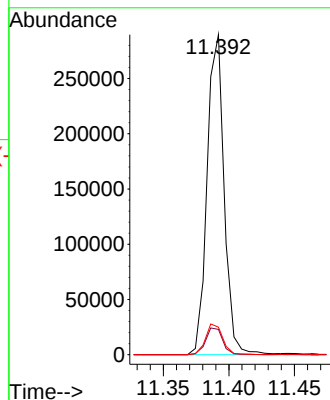
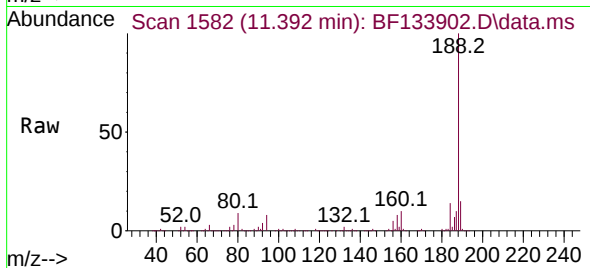




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133902.D
Acq: 22 Jun 2023 15:32

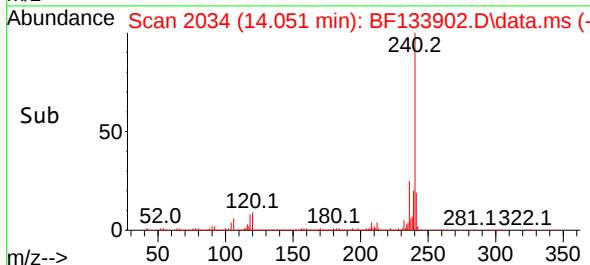
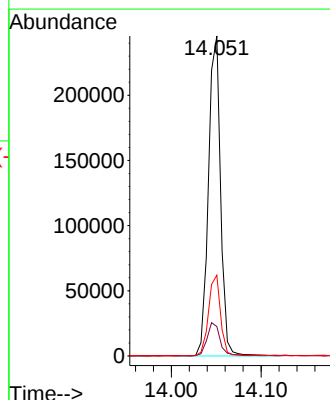
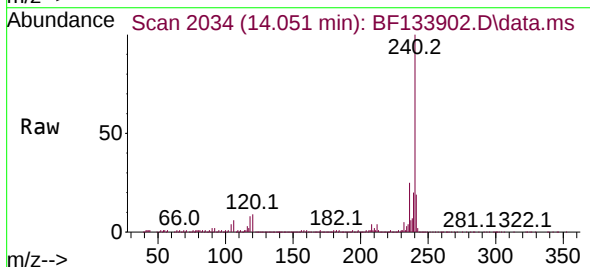
Instrument :
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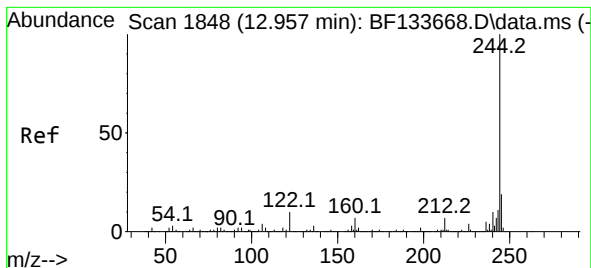
Tgt Ion:188 Resp: 262570
Ion Ratio Lower Upper
188 100
94 7.9 6.8 10.2
80 8.6 7.8 11.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF133902.D
Acq: 22 Jun 2023 15:32

Tgt Ion:240 Resp: 230265
Ion Ratio Lower Upper
240 100
120 9.2 8.1 12.1
236 25.3 20.5 30.7





#79

Terphenyl-d14

Concen: 42.086 ng

RT: 12.986 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF133902.D

Acq: 22 Jun 2023 15:32

Instrument :

BNA_F

ClientSampleId :

WC-23

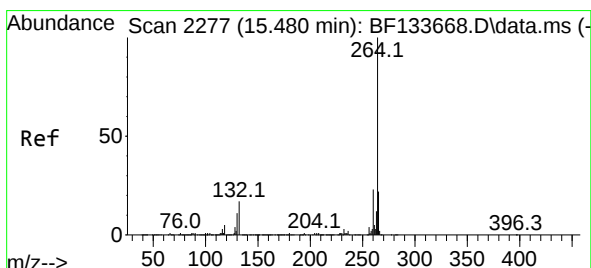
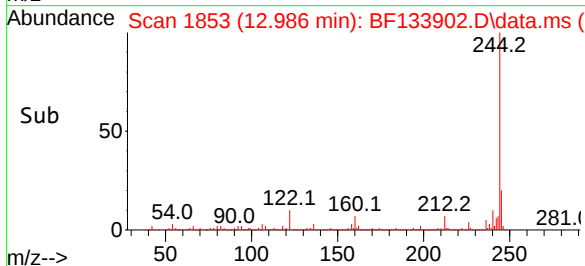
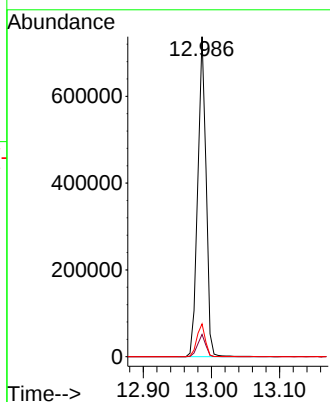
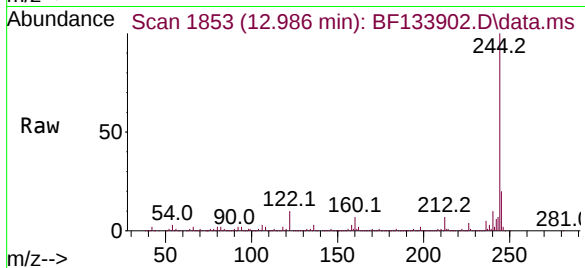
Tgt Ion:244 Resp: 626297

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 10.3 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: BF133902.D

Acq: 22 Jun 2023 15:32

Tgt Ion:264 Resp: 181959

Ion Ratio Lower Upper

264 100

260 24.4 18.2 27.2

265 22.3 17.8 26.6

