

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051123\
 Data File : BF133358.D
 Acq On : 11 May 2023 17:04
 Operator : CG\JU
 Sample : 02719-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-01_20230509

Quant Time: May 11 17:53:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 16:40:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	173121	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	689970	20.000	ng	0.00
39) Acenaphthene-d10	9.751	164	351697	20.000	ng	0.00
64) Phenanthrene-d10	11.233	188	604593	20.000	ng	0.00
76) Chrysene-d12	13.868	240	342435	20.000	ng	-0.01
86) Perylene-d12	15.286	264	411299	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	573930	50.080	ng	0.00
7) Phenol-d6	6.357	99	418183	29.398	ng	-0.01
23) Nitrobenzene-d5	7.286	82	974003	76.197	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	366866	103.723	ng	0.00
45) 2-Fluorobiphenyl	9.080	172	1679727	79.903	ng	0.00
79) Terphenyl-d14	12.821	244	1727979	87.029	ng	0.00

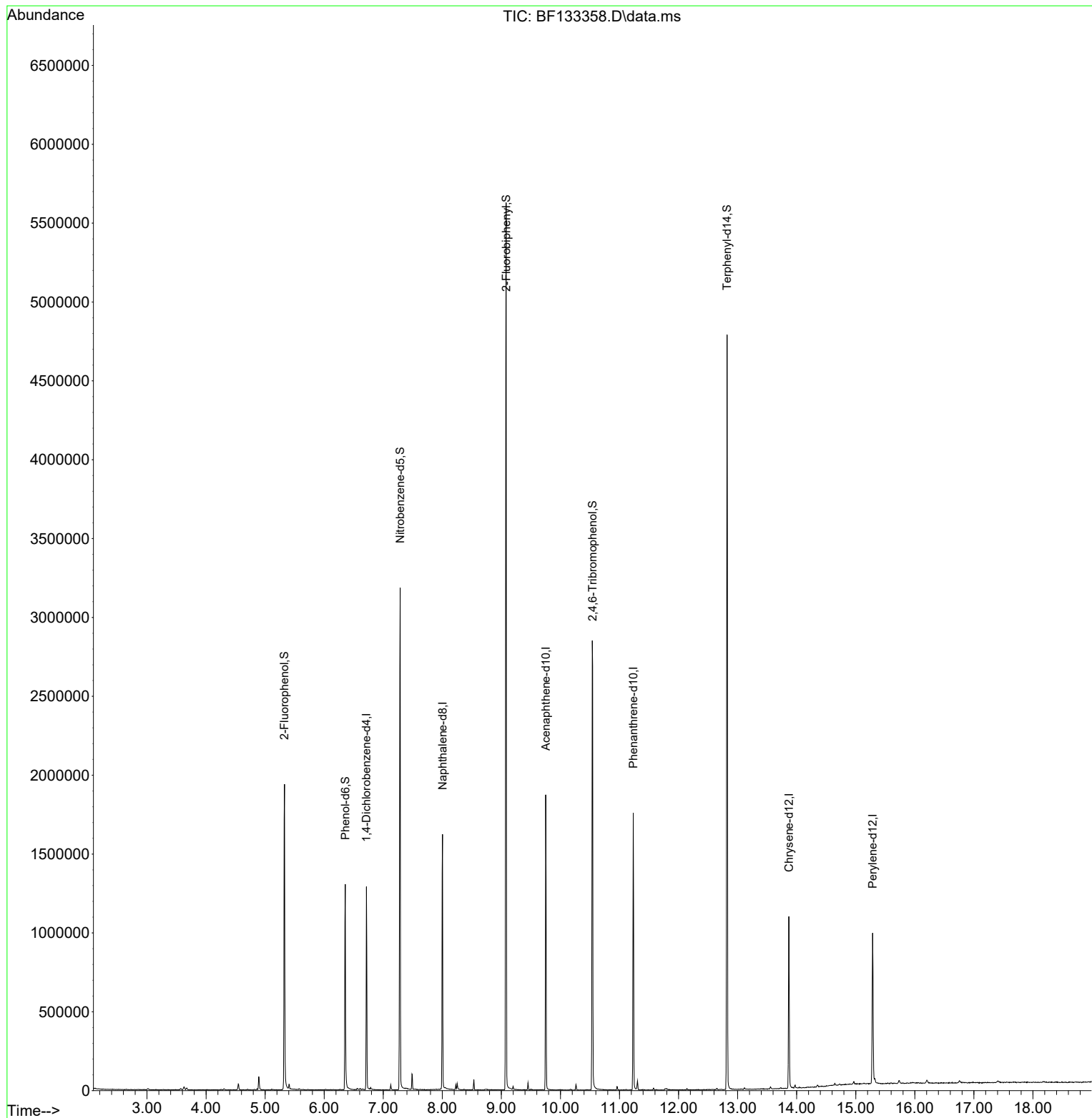
Target Compounds	Qvalue

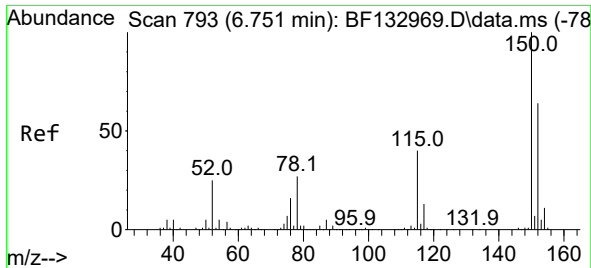
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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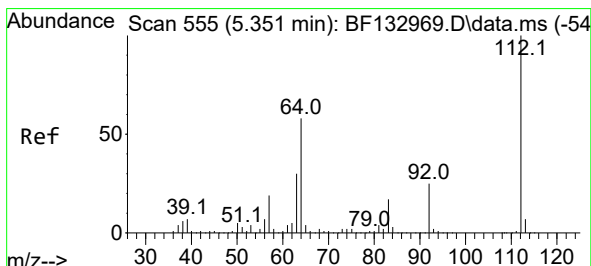
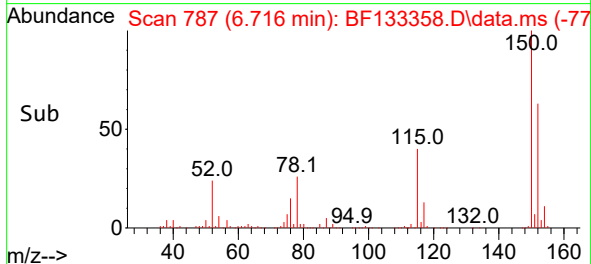
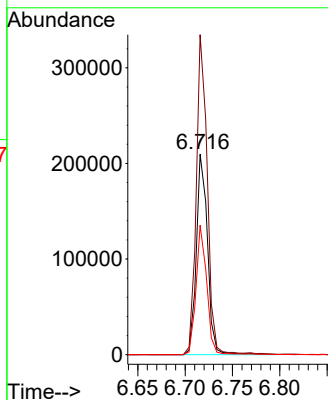
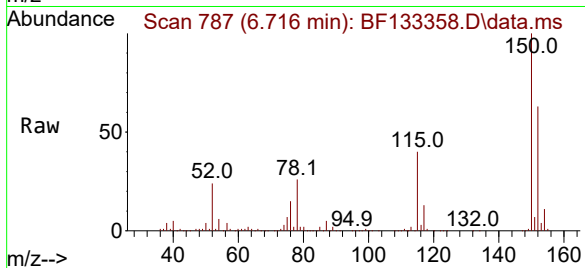




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.716 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133358.D
Acq: 11 May 2023 17:04

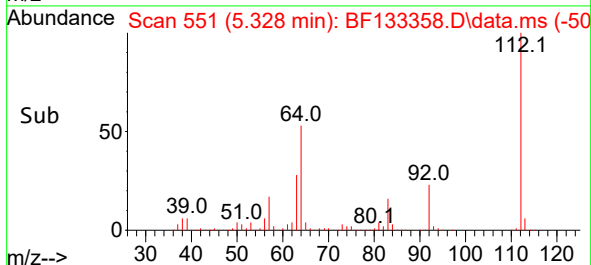
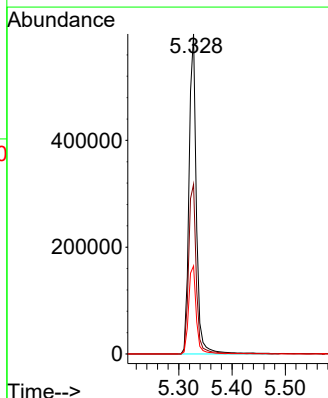
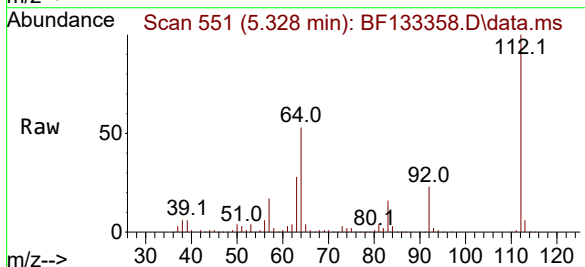
Instrument :
BNA_F
ClientSampleId :
FB-01_20230509

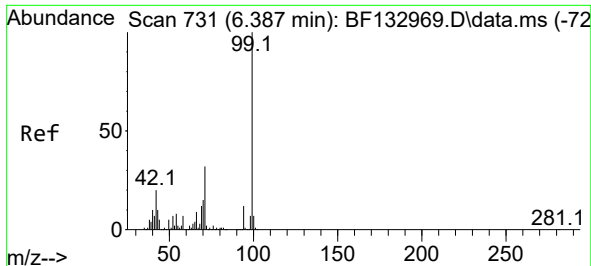
Tgt Ion:152 Resp: 173121
Ion Ratio Lower Upper
152 100
150 159.7 124.8 187.2
115 64.6 49.9 74.9



#5
2-Fluorophenol
Concen: 50.080 ng
RT: 5.328 min Scan# 551
Delta R.T. -0.000 min
Lab File: BF133358.D
Acq: 11 May 2023 17:04

Tgt Ion:112 Resp: 573930
Ion Ratio Lower Upper
112 100
64 53.0 46.8 70.2
63 27.5 23.8 35.8

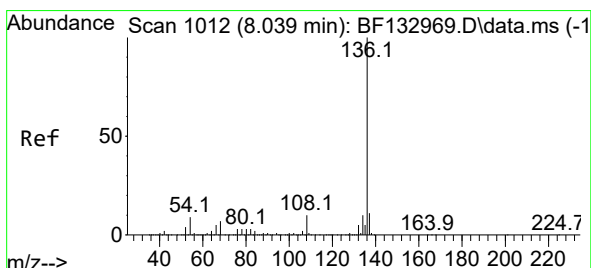
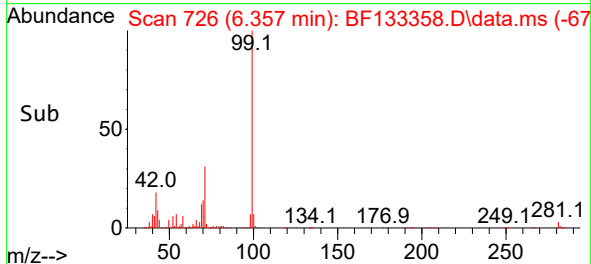
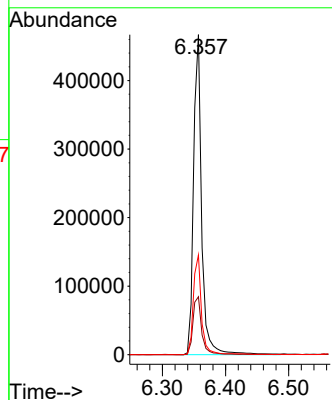
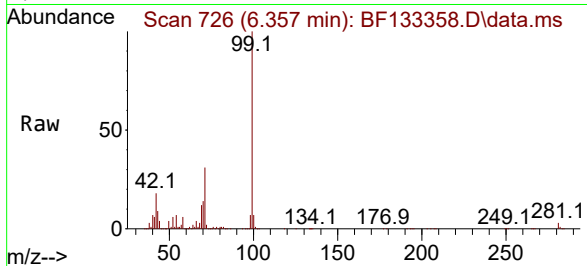




#7
Phenol-d6
Concen: 29.398 ng
RT: 6.357 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF133358.D
Acq: 11 May 2023 17:04

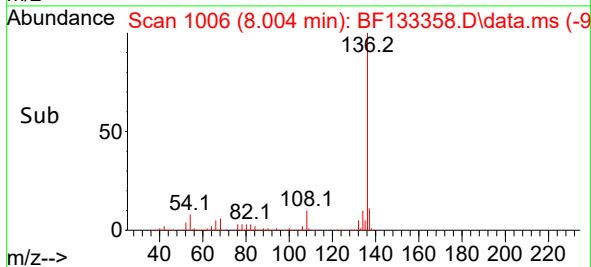
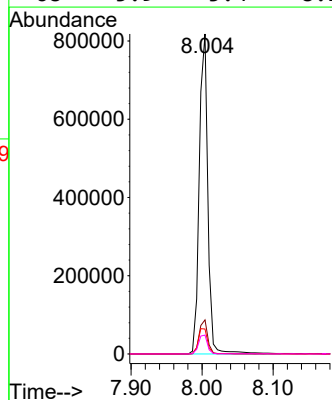
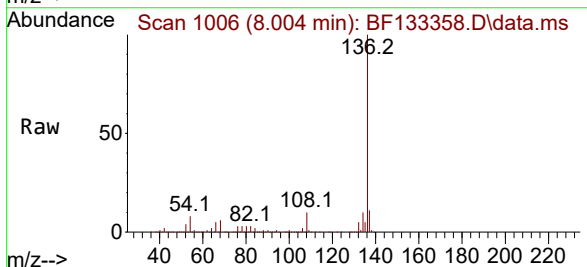
Instrument :
BNA_F
ClientSampleId :
FB-01_20230509

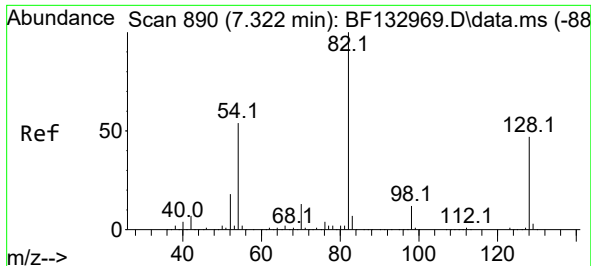
Tgt Ion: 99 Resp: 418183
Ion Ratio Lower Upper
99 100
42 18.1 16.3 24.5
71 31.2 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF133358.D
Acq: 11 May 2023 17:04

Tgt Ion: 136 Resp: 689970
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 7.8 7.0 10.4
68 5.9 5.4 8.2





#23

Nitrobenzene-d5

Concen: 76.197 ng

RT: 7.286 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133358.D

Acq: 11 May 2023 17:04

Instrument :

BNA_F

ClientSampleId :

FB-01_20230509

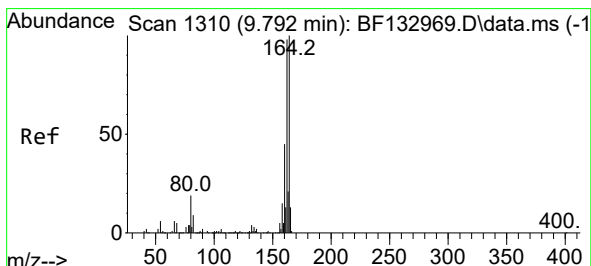
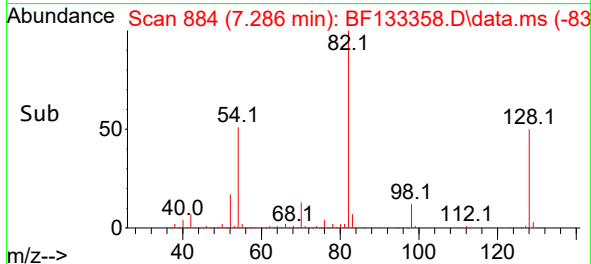
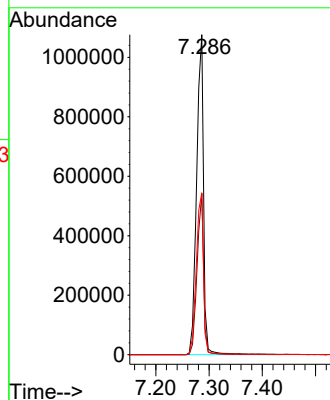
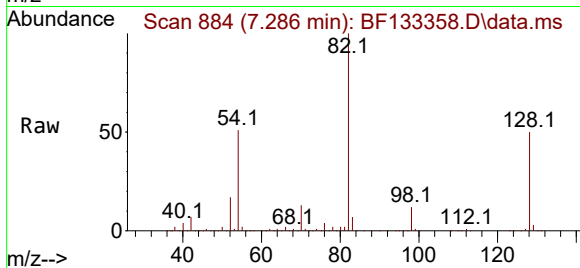
Tgt Ion: 82 Resp: 974003

Ion Ratio Lower Upper

82 100

128 50.3 37.7 56.5

54 50.6 43.0 64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.751 min Scan# 1303

Delta R.T. -0.006 min

Lab File: BF133358.D

Acq: 11 May 2023 17:04

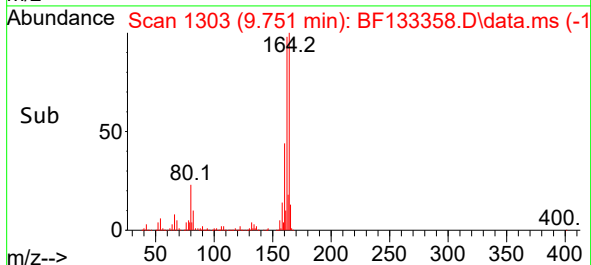
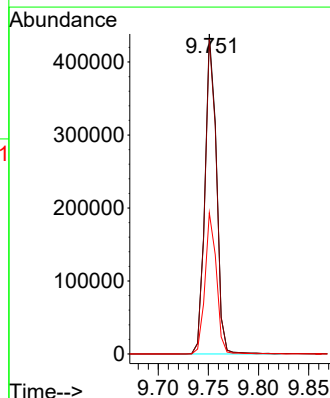
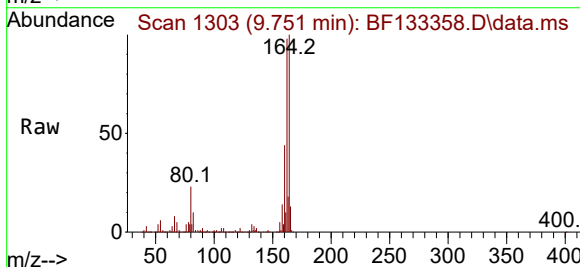
Tgt Ion:164 Resp: 351697

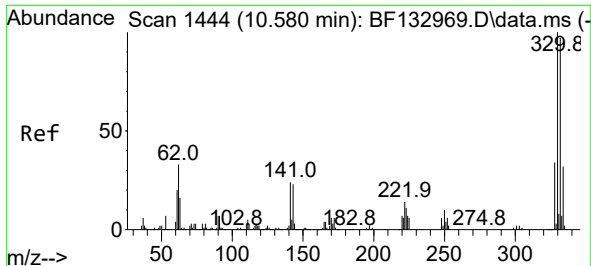
Ion Ratio Lower Upper

164 100

162 98.3 78.7 118.1

160 44.1 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 103.723 ng

RT: 10.545 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF133358.D

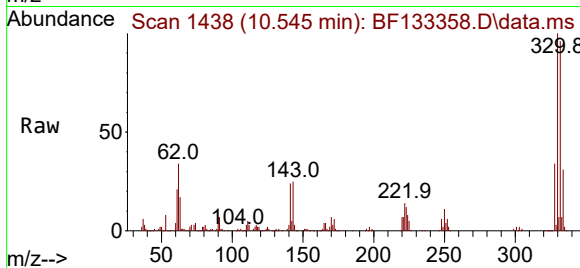
Acq: 11 May 2023 17:04

Instrument :

BNA_F

ClientSampleId :

FB-01_20230509



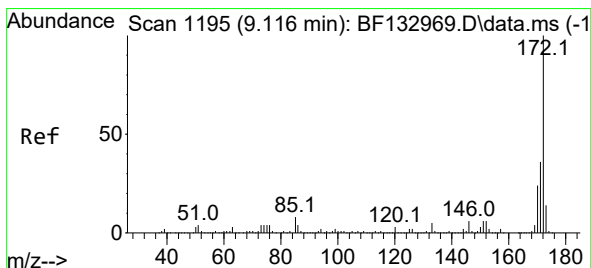
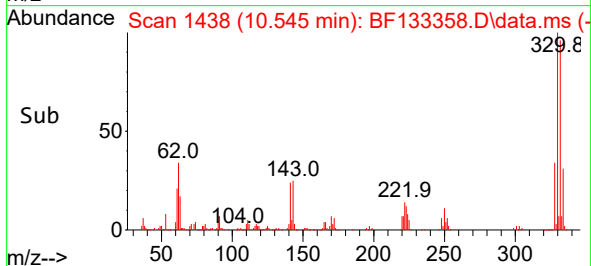
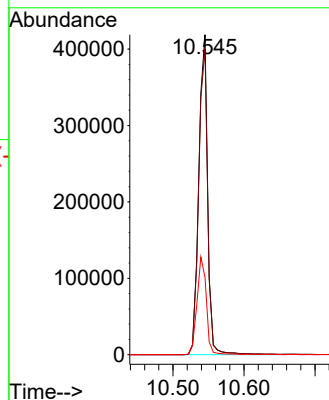
Tgt Ion:330 Resp: 366866

Ion Ratio Lower Upper

330 100

332 96.7 77.1 115.7

141 32.2 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 79.903 ng

RT: 9.080 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF133358.D

Acq: 11 May 2023 17:04

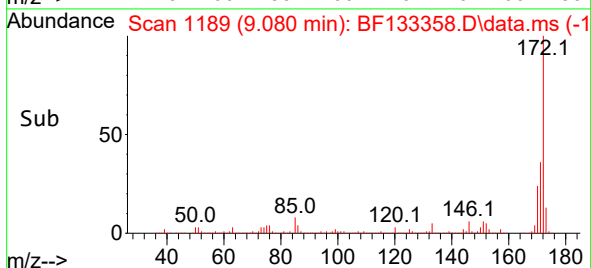
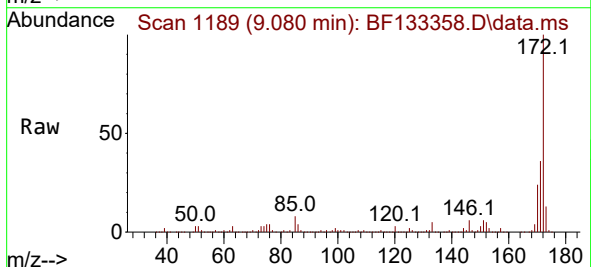
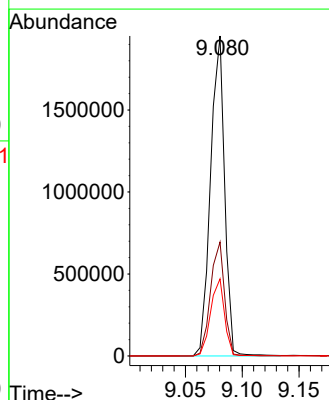
Tgt Ion:172 Resp: 1679727

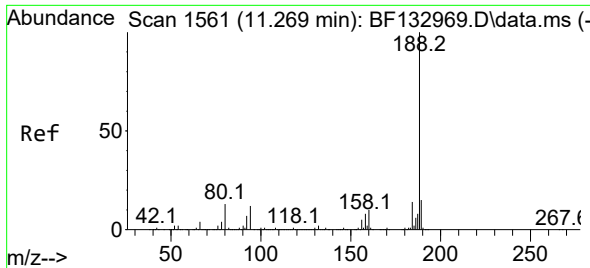
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 24.1 19.4 29.2

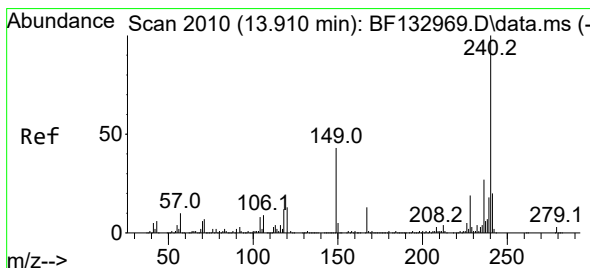
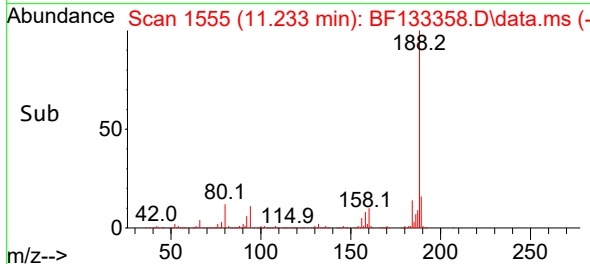
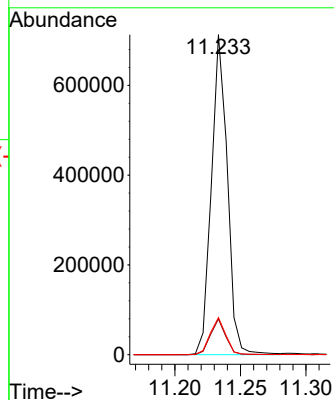
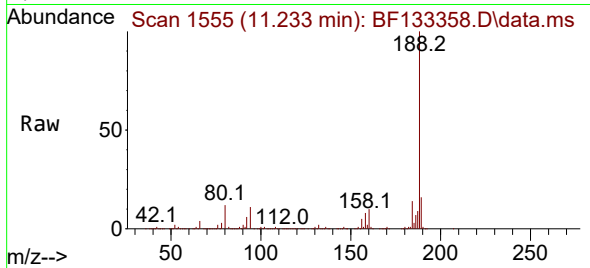




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133358.D
Acq: 11 May 2023 17:04

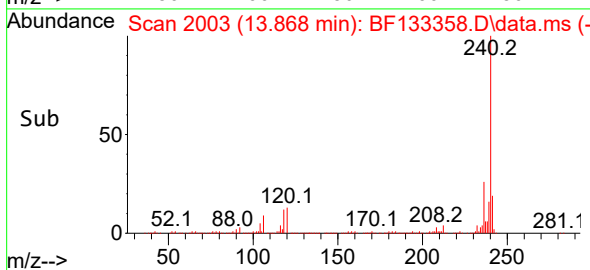
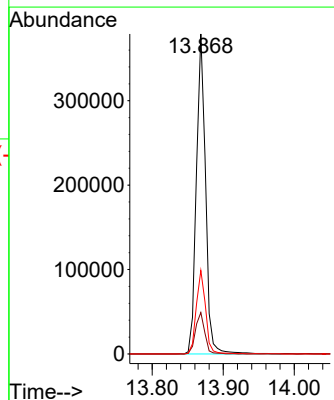
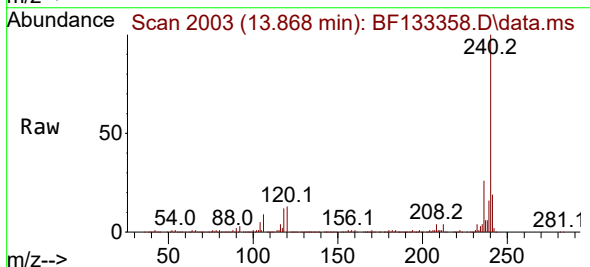
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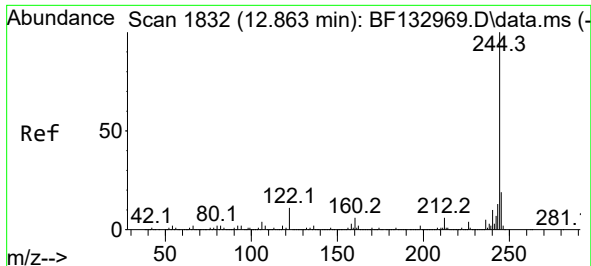
Tgt Ion:188 Resp: 604593
Ion Ratio Lower Upper
188 100
94 11.1 9.7 14.5
80 11.6 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.868 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF133358.D
Acq: 11 May 2023 17:04

Tgt Ion:240 Resp: 342435
Ion Ratio Lower Upper
240 100
120 12.9 10.5 15.7
236 26.1 21.5 32.3

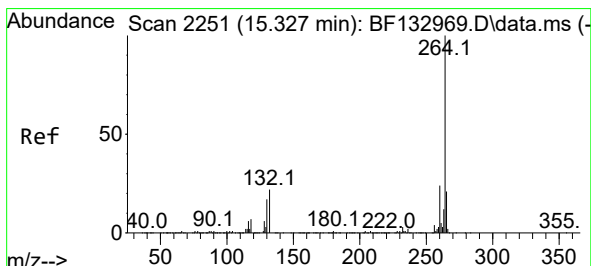
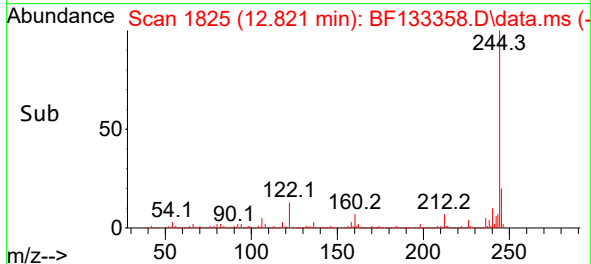
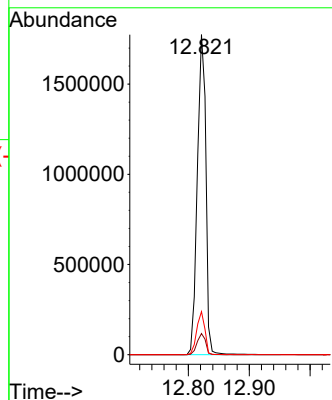
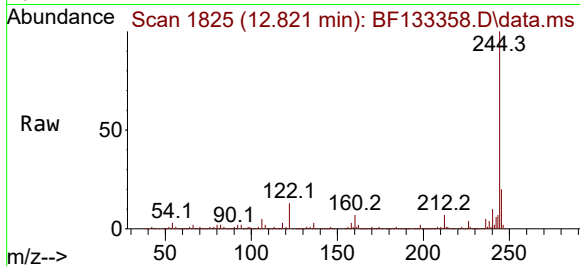




#79
Terphenyl-d14
Concen: 87.029 ng
RT: 12.821 min Scan# 1825
Delta R.T. -0.006 min
Lab File: BF133358.D
Acq: 11 May 2023 17:04

Instrument :
BNA_F
ClientSampleId :
FB-01_20230509

Tgt Ion:244 Resp: 1727979
Ion Ratio Lower Upper
244 100
212 6.6 5.1 7.7
122 13.4 8.6 13.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.286 min Scan# 2244
Delta R.T. -0.006 min
Lab File: BF133358.D
Acq: 11 May 2023 17:04

Tgt Ion:264 Resp: 411299
Ion Ratio Lower Upper
264 100
260 24.5 18.8 28.2
265 21.6 17.0 25.4

