

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051623\
 Data File : BF133401.D
 Acq On : 16 May 2023 14:32
 Operator : CG\JU
 Sample : 02798-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WATERWITCH-AVE-SAMPLE

Quant Time: May 16 15:07:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 16 14:39:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	208891	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	819748	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	384933	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	608558	20.000	ng	0.00
76) Chrysene-d12	13.874	240	451390	20.000	ng	-0.01
86) Perylene-d12	15.304	264	552512	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1127520	81.537	ng	0.00
7) Phenol-d6	6.363	99	1356719	79.046	ng	0.00
23) Nitrobenzene-d5	7.281	82	817414	53.823	ng	-0.01
42) 2,4,6-Tribromophenol	10.545	330	267276	69.042	ng	0.00
45) 2-Fluorobiphenyl	9.080	172	1362780	59.229	ng	0.00
79) Terphenyl-d14	12.827	244	1041202	39.782	ng	0.00

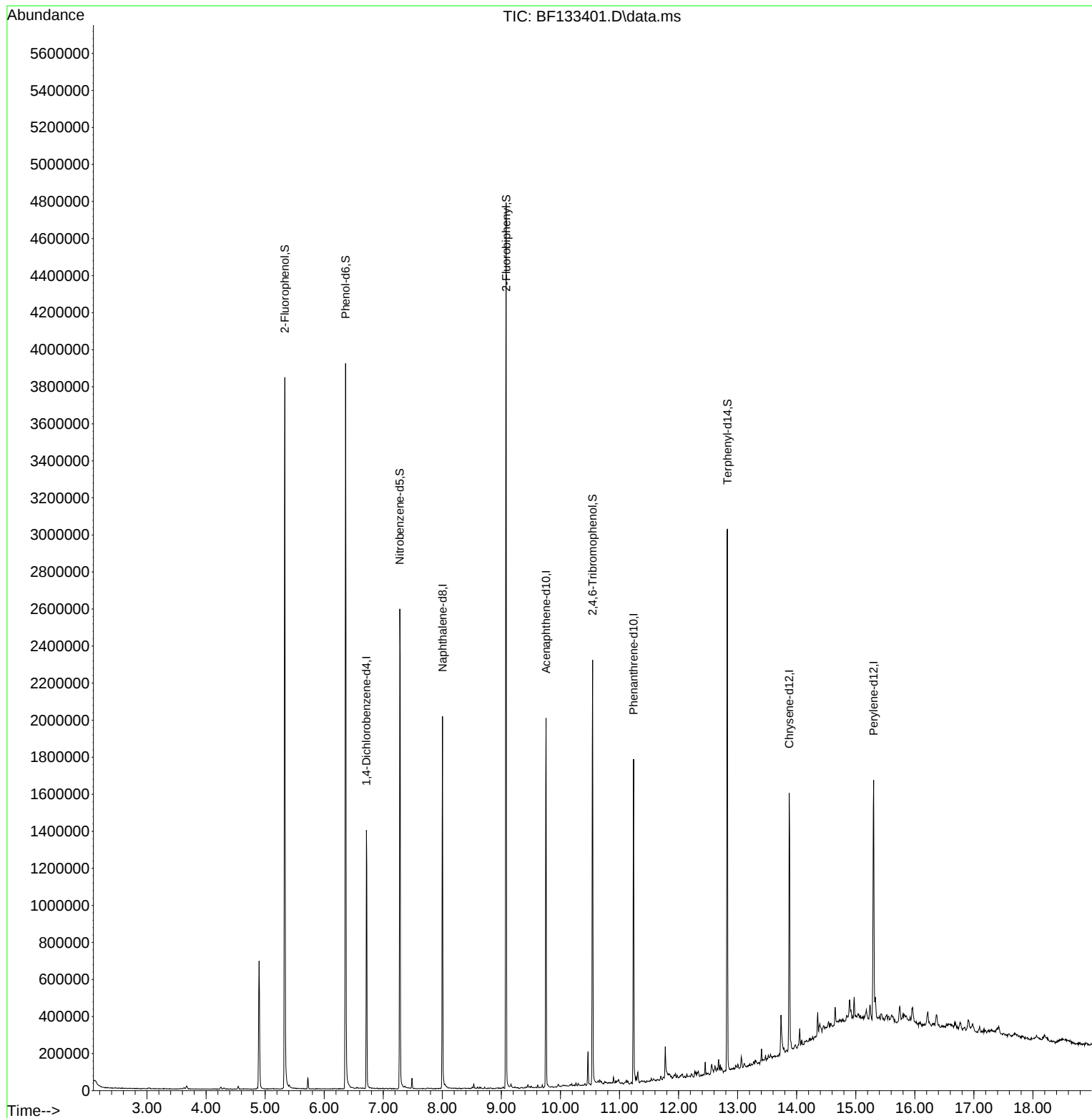
Target Compounds	Qvalue

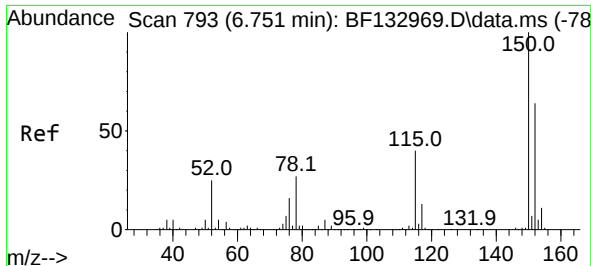
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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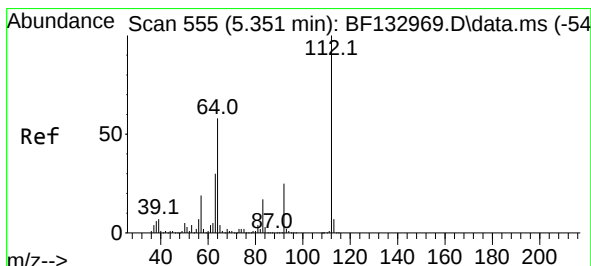
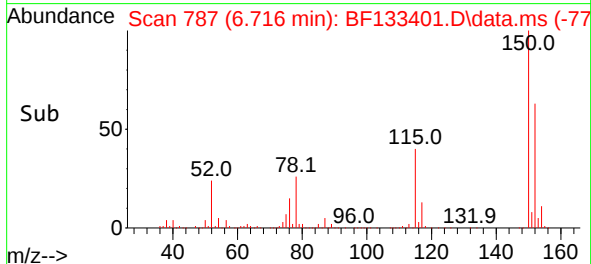
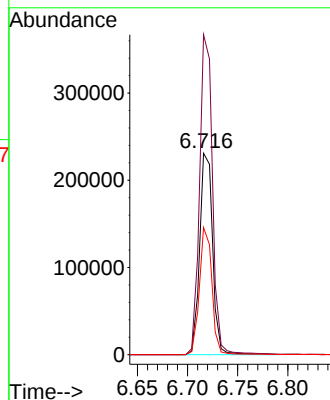
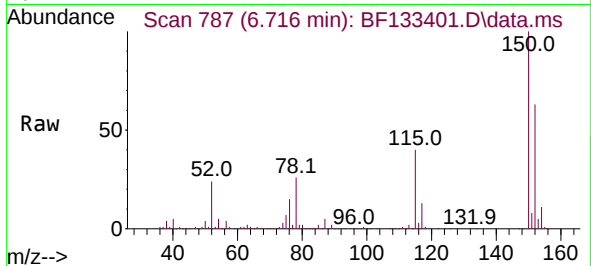




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.716 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133401.D
Acq: 16 May 2023 14:32

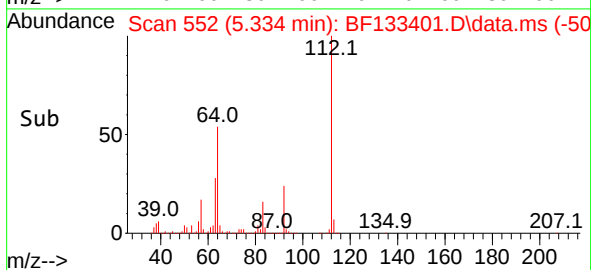
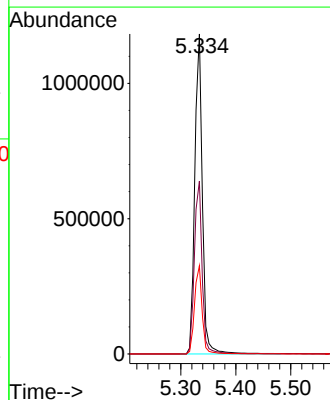
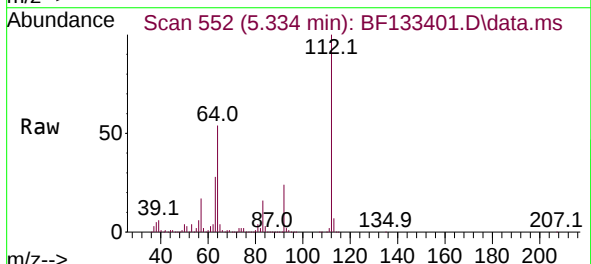
Instrument :
BNA_F
ClientSampleId :
WATERWITCH-AVE-SAMPLE

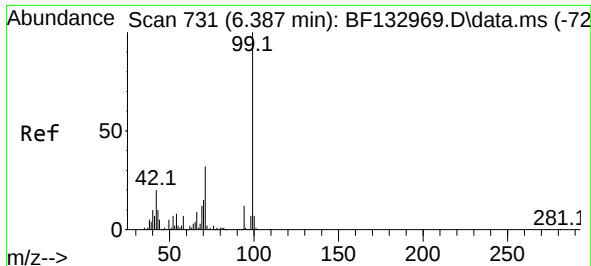
Tgt Ion:152 Resp: 208891
Ion Ratio Lower Upper
152 100
150 158.9 124.8 187.2
115 63.1 49.9 74.9



#5
2-Fluorophenol
Concen: 81.537 ng
RT: 5.334 min Scan# 552
Delta R.T. -0.000 min
Lab File: BF133401.D
Acq: 16 May 2023 14:32

Tgt Ion:112 Resp: 1127520
Ion Ratio Lower Upper
112 100
64 54.1 46.8 70.2
63 27.5 23.8 35.8





#7

Phenol-d6

Concen: 79.046 ng

RT: 6.363 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF133401.D

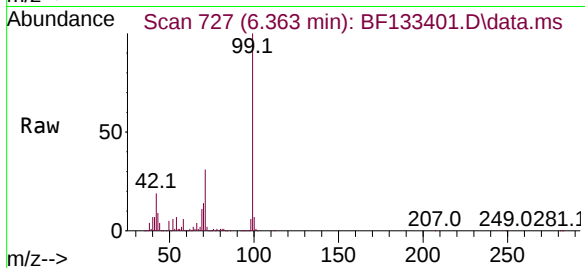
Acq: 16 May 2023 14:32

Instrument :

BNA_F

ClientSampleId :

WATERWITCH-AVE-SAMPLE



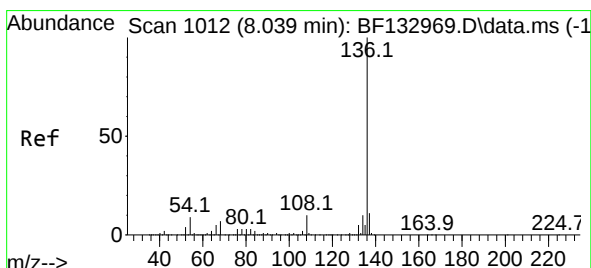
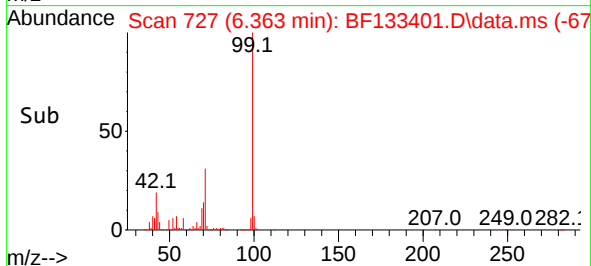
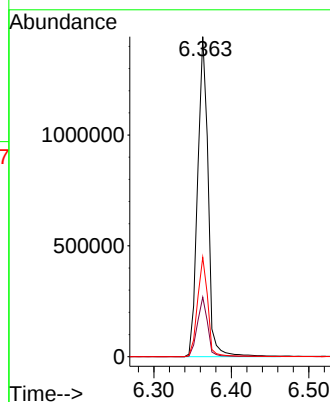
Tgt Ion: 99 Resp: 1356719

Ion Ratio Lower Upper

99 100

42 18.6 16.3 24.5

71 31.0 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: BF133401.D

Acq: 16 May 2023 14:32

Tgt Ion: 136 Resp: 819748

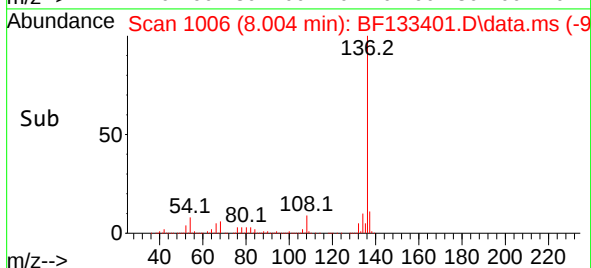
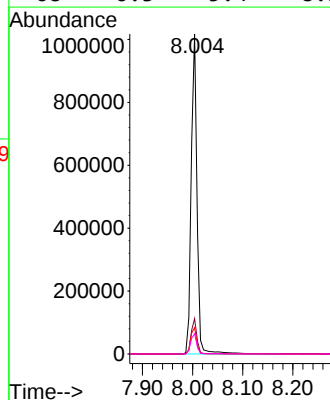
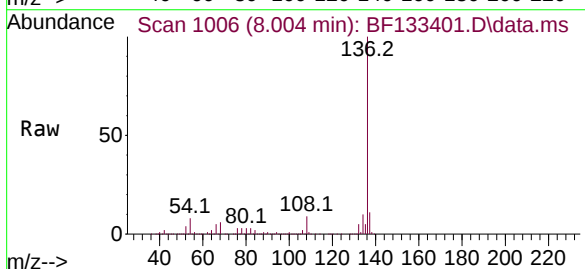
Ion Ratio Lower Upper

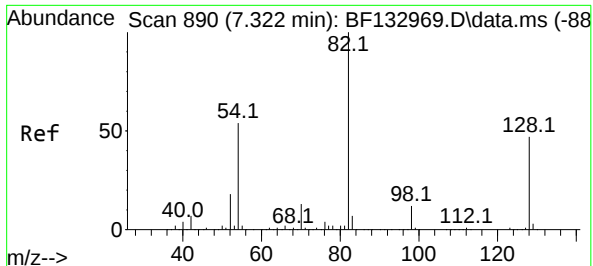
136 100

137 11.0 8.6 13.0

54 8.2 7.0 10.4

68 6.3 5.4 8.2





#23

Nitrobenzene-d5

Concen: 53.823 ng

RT: 7.281 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF133401.D

Acq: 16 May 2023 14:32

Instrument :

BNA_F

ClientSampleId :

WATERWITCH-AVE-SAMPLE

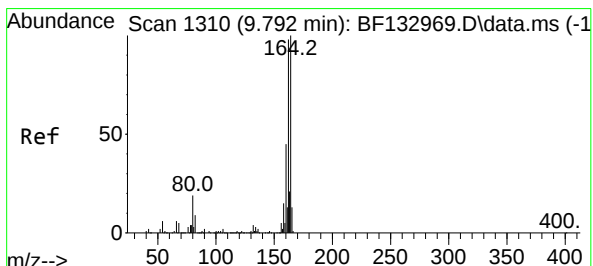
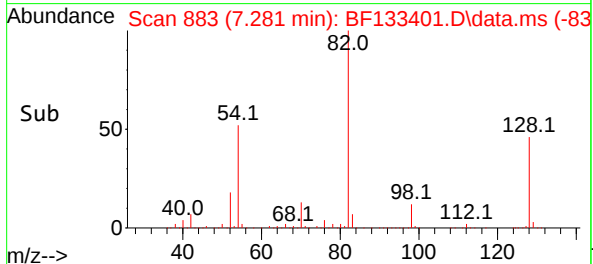
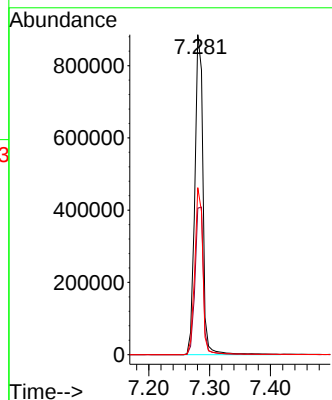
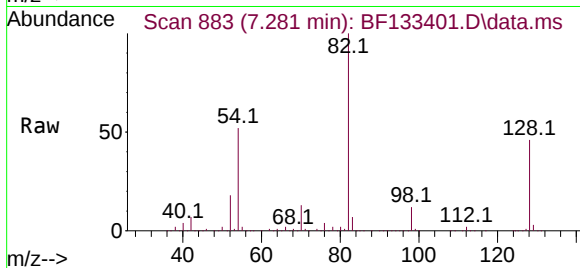
Tgt Ion: 82 Resp: 817414

Ion Ratio Lower Upper

82 100

128 45.8 37.7 56.5

54 52.2 43.0 64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.757 min Scan# 1304

Delta R.T. -0.006 min

Lab File: BF133401.D

Acq: 16 May 2023 14:32

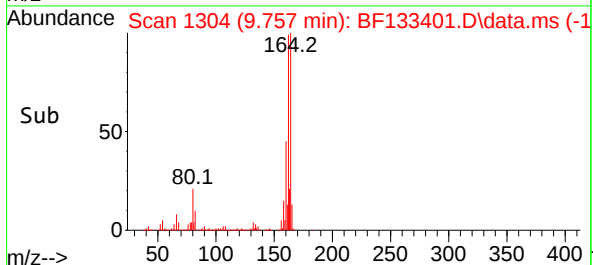
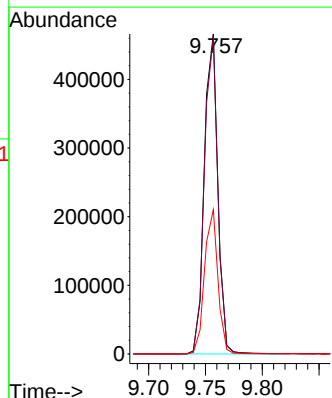
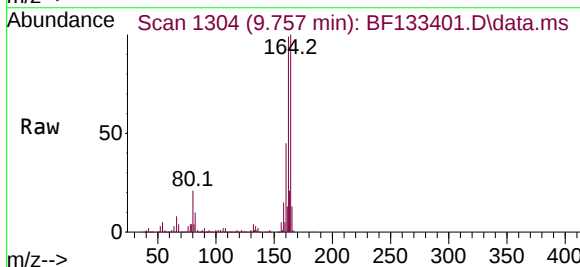
Tgt Ion:164 Resp: 384933

Ion Ratio Lower Upper

164 100

162 99.3 78.7 118.1

160 45.1 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 69.042 ng

RT: 10.545 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF133401.D

Acq: 16 May 2023 14:32

Instrument :

BNA_F

ClientSampleId :

WATERWITCH-AVE-SAMPLE

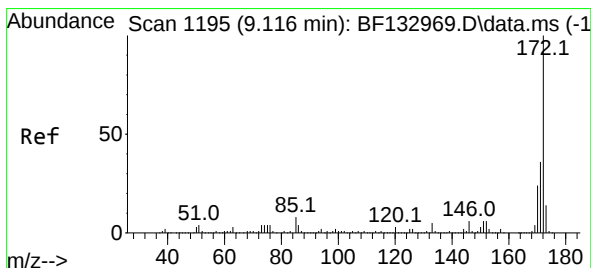
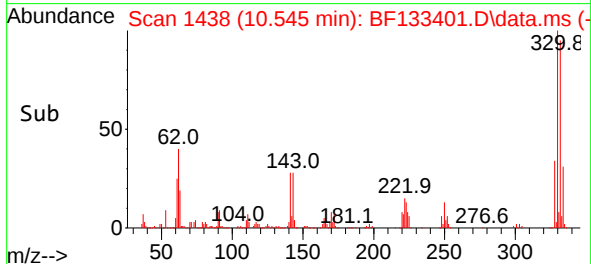
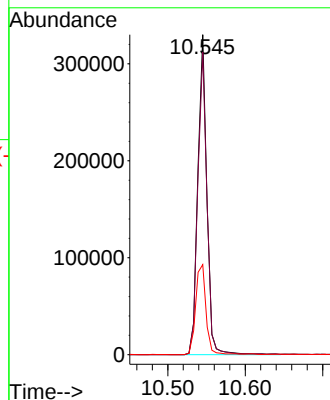
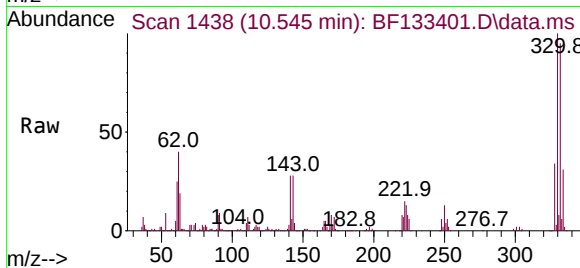
Tgt Ion:330 Resp: 267276

Ion Ratio Lower Upper

330 100

332 96.7 77.1 115.7

141 32.5 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 59.229 ng

RT: 9.080 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF133401.D

Acq: 16 May 2023 14:32

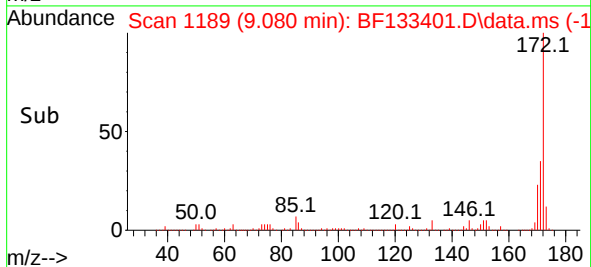
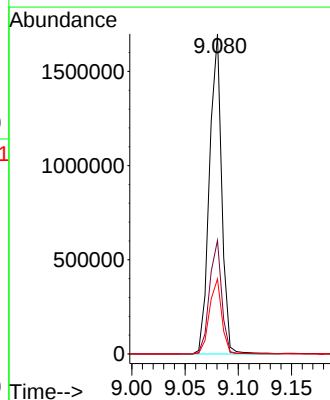
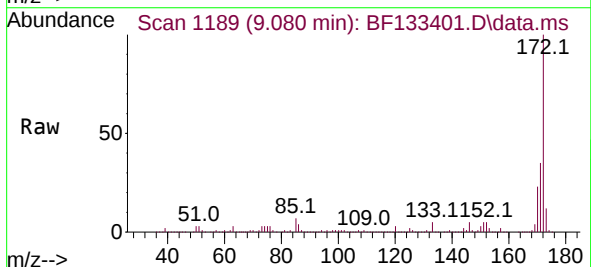
Tgt Ion:172 Resp: 1362780

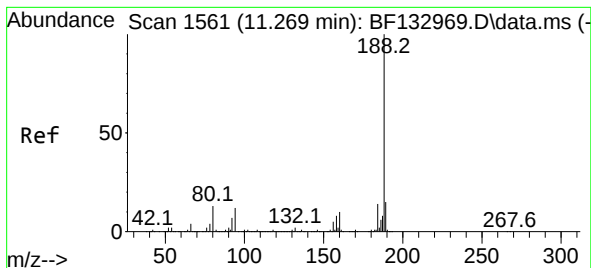
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.5 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133401.D

Acq: 16 May 2023 14:32

Instrument :

BNA_F

ClientSampleId :

WATERWITCH-AVE-SAMPLE

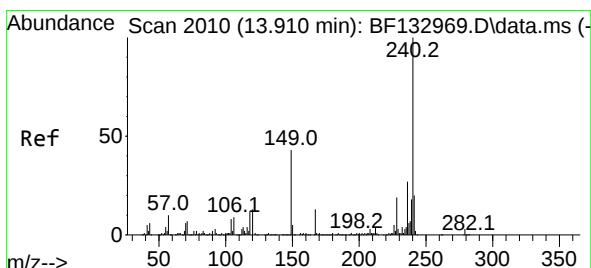
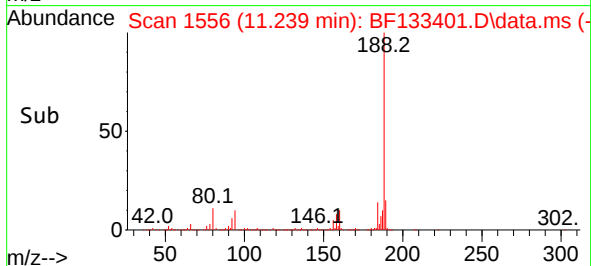
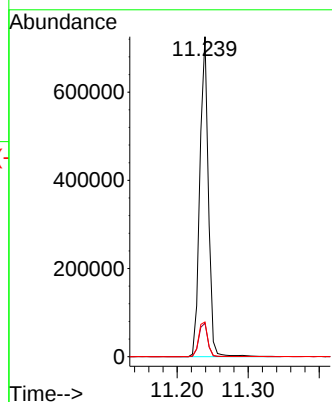
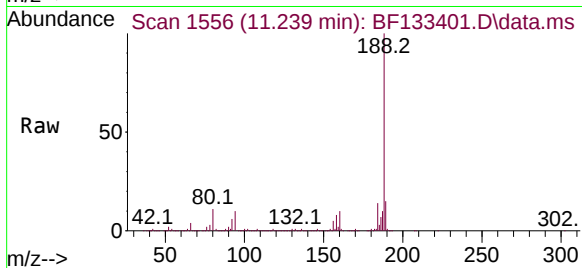
Tgt Ion:188 Resp: 608558

Ion Ratio Lower Upper

188 100

94 10.5 9.7 14.5

80 10.9 10.4 15.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.874 min Scan# 2004

Delta R.T. -0.012 min

Lab File: BF133401.D

Acq: 16 May 2023 14:32

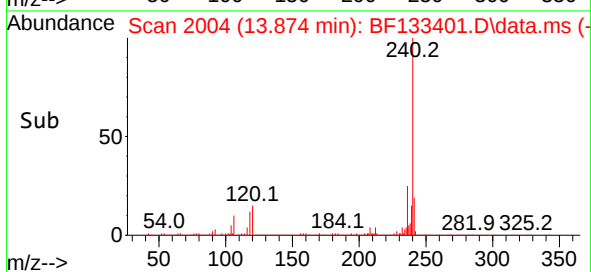
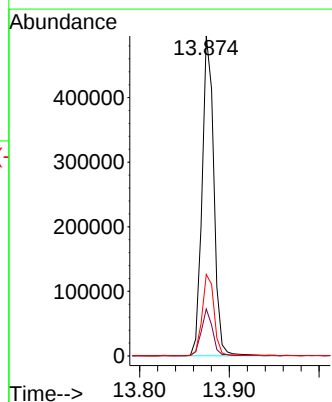
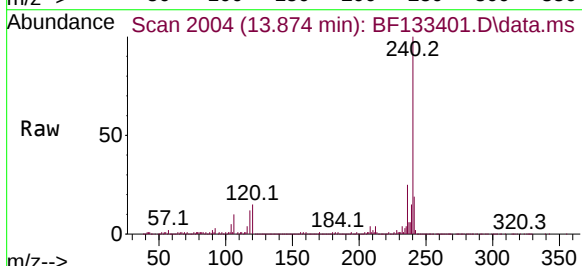
Tgt Ion:240 Resp: 451390

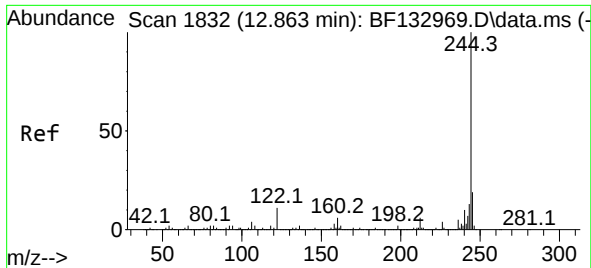
Ion Ratio Lower Upper

240 100

120 14.7 10.5 15.7

236 25.4 21.5 32.3

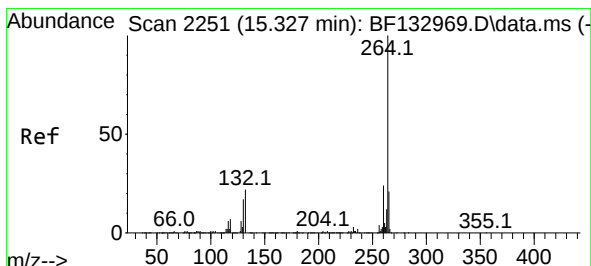
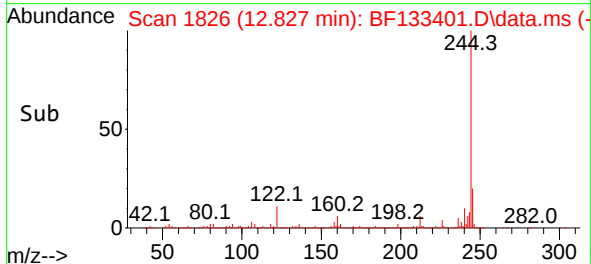
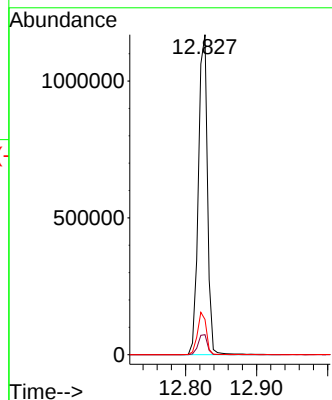
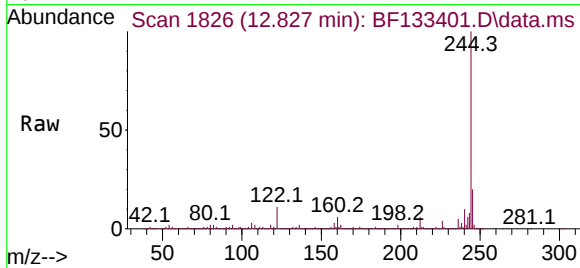




#79
 Terphenyl-d14
 Concen: 39.782 ng
 RT: 12.827 min Scan# 1826
 Delta R.T. -0.006 min
 Lab File: BF133401.D
 Acq: 16 May 2023 14:32

Instrument :
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 WATERWITCH-AVE-SAMPLE

Tgt Ion:244 Resp: 1041202
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.1 7.7
 122 11.0 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.304 min Scan# 2247
 Delta R.T. -0.000 min
 Lab File: BF133401.D
 Acq: 16 May 2023 14:32

Tgt Ion:264 Resp: 552512
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.8 28.2
 265 22.2 17.0 25.4

