

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110422\
 Data File : BF131000.D
 Acq On : 04 Nov 2022 20:19
 Operator : CG\JU
 Sample : N5304-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DEEP-WELL

Quant Time: Nov 05 00:39:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 06:20:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	61500	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	256086	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	114526	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	198754	20.000	ng	# 0.00
76) Chrysene-d12	14.098	240	143305	20.000	ng	0.00
86) Perylene-d12	15.604	264	132708	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	258314	72.816	ng	0.00
7) Phenol-d6	6.528	99	193584	41.992	ng	-0.01
23) Nitrobenzene-d5	7.475	82	480787	113.208	ng	-0.01
42) 2,4,6-Tribromophenol	10.751	330	129829	134.666	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	709235	93.628	ng	0.00
79) Terphenyl-d14	13.039	244	680975	87.077	ng	0.00

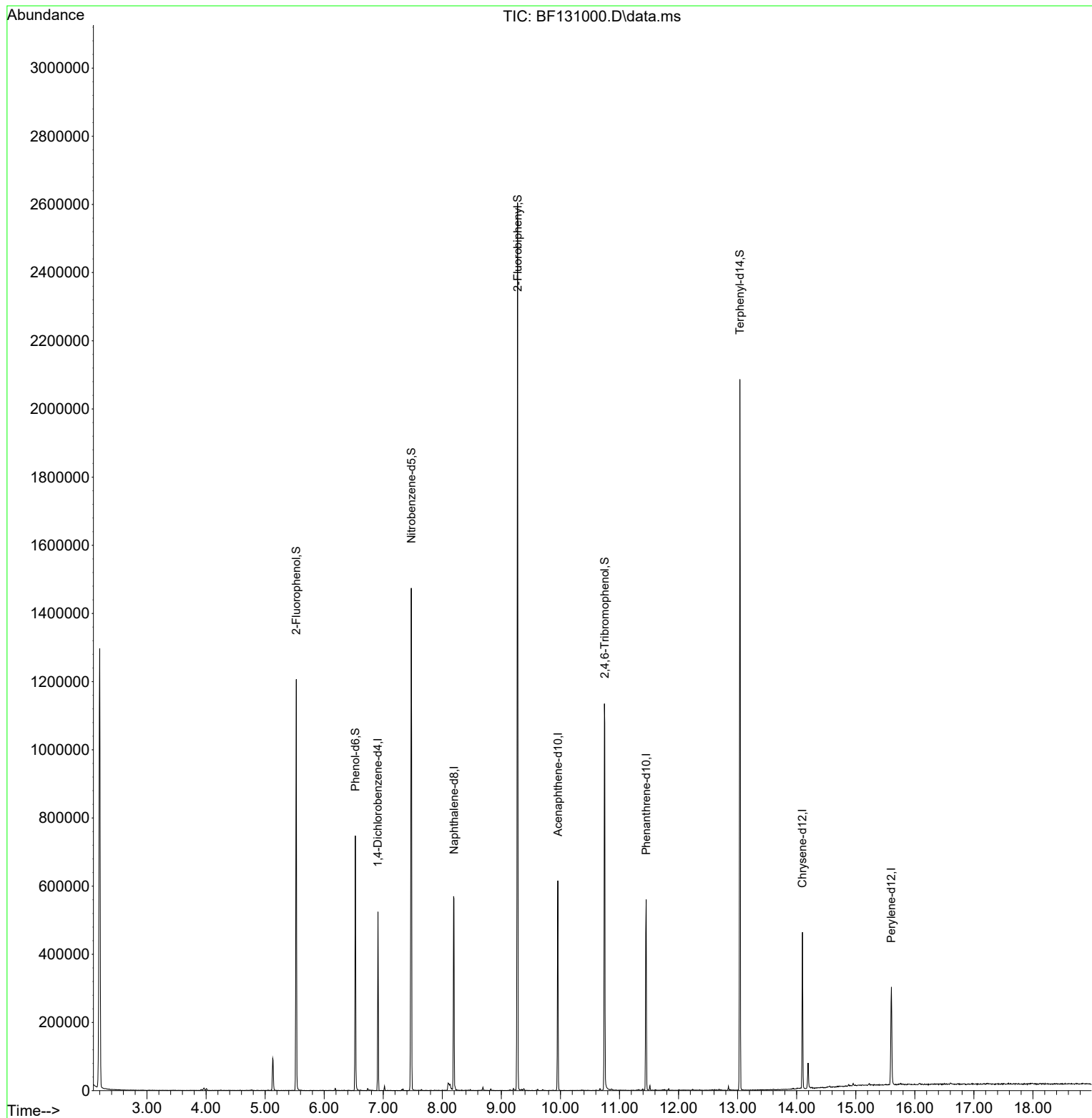
Target Compounds	Qvalue

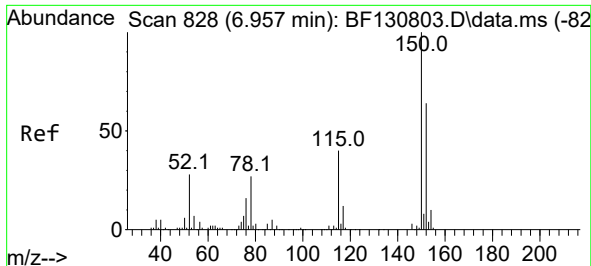
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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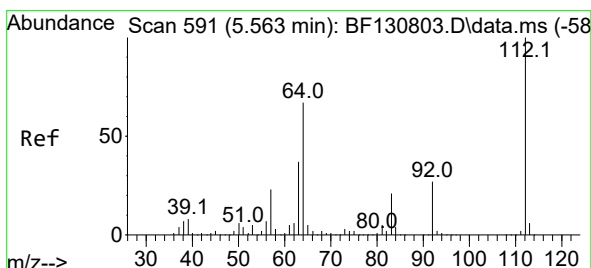
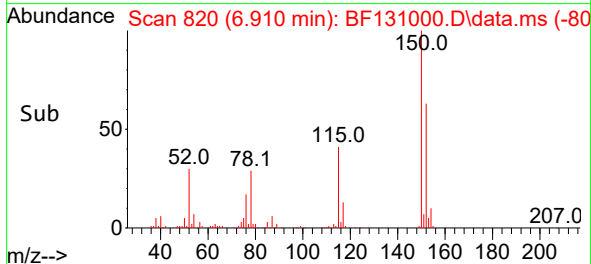
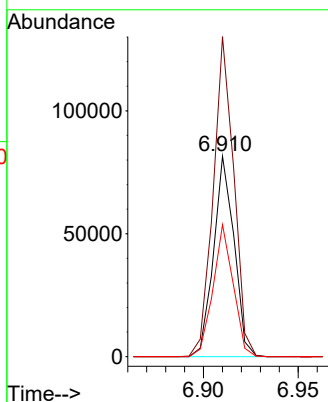
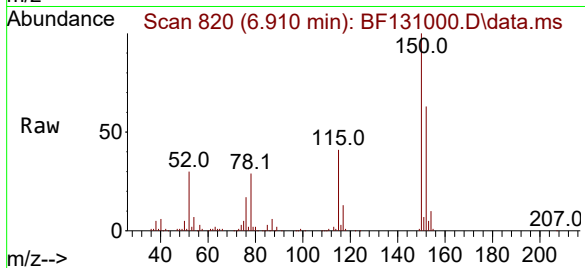




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131000.D
Acq: 04 Nov 2022 20:19

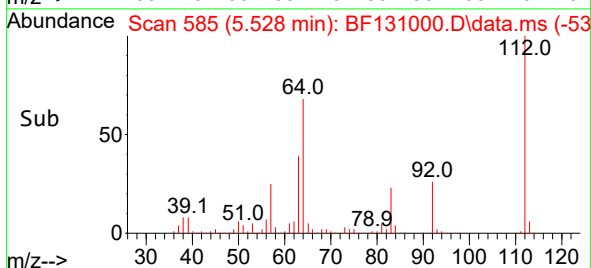
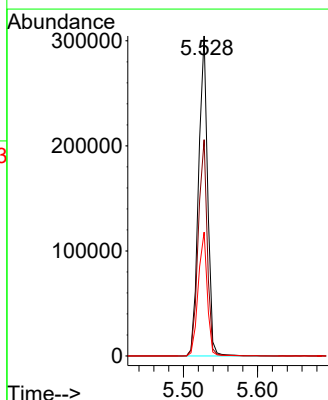
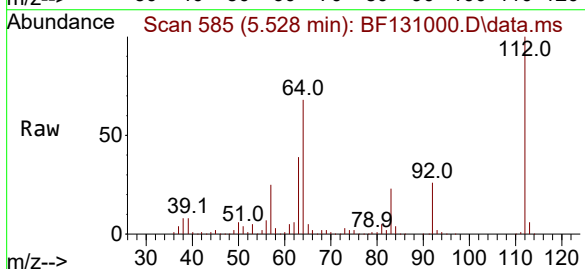
Instrument :
BNA_F
ClientSampleId :
DEEP-WELL

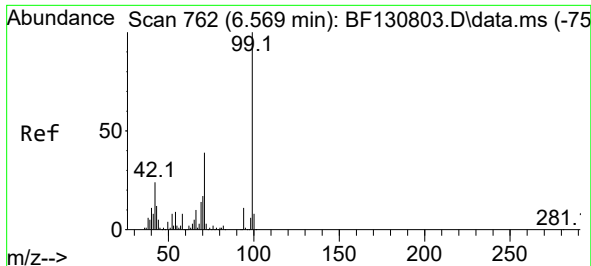
Tgt Ion:152 Resp: 61500
Ion Ratio Lower Upper
152 100
150 159.6 124.1 186.1
115 65.8 50.1 75.1



#5
2-Fluorophenol
Concen: 72.816 ng
RT: 5.528 min Scan# 585
Delta R.T. -0.000 min
Lab File: BF131000.D
Acq: 04 Nov 2022 20:19

Tgt Ion:112 Resp: 258314
Ion Ratio Lower Upper
112 100
64 67.6 53.9 80.9
63 38.7 29.4 44.2

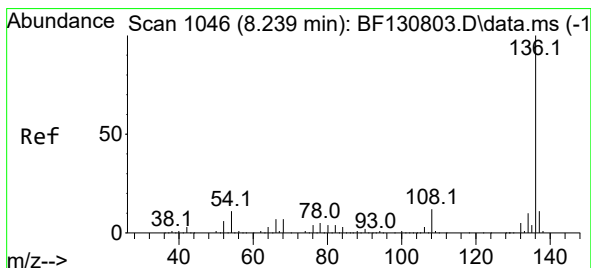
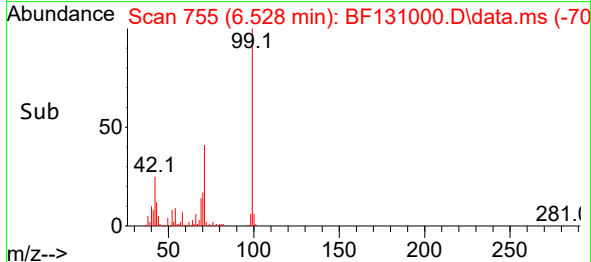
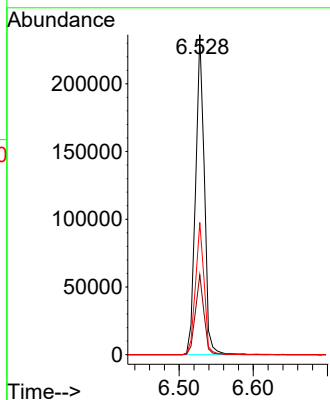
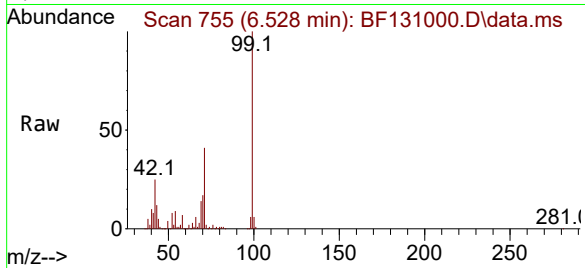




#7
Phenol-d6
Concen: 41.992 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF131000.D
Acq: 04 Nov 2022 20:19

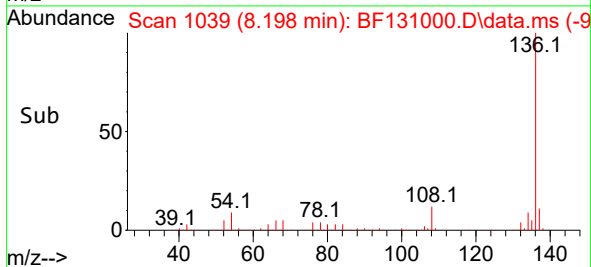
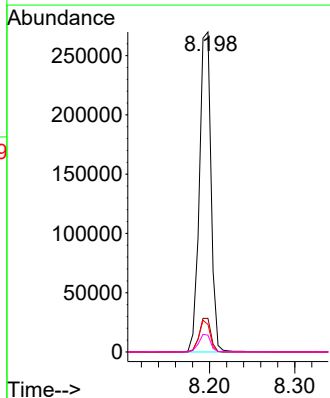
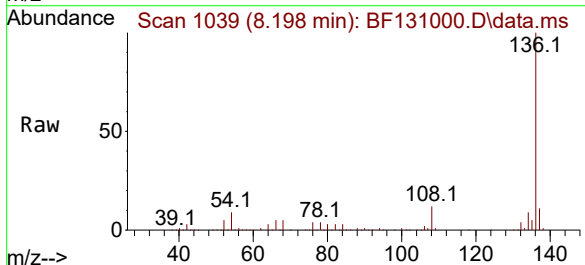
Instrument :
BNA_F
ClientSampleId :
DEEP-WELL

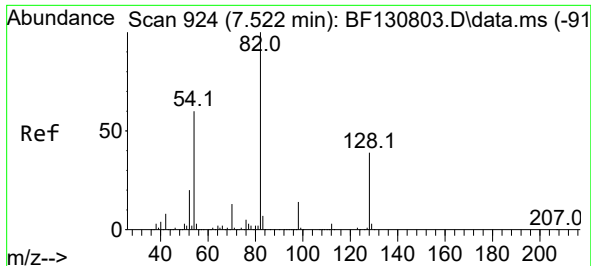
Tgt Ion: 99 Resp: 193584
Ion Ratio Lower Upper
99 100
42 24.9 18.8 28.2
71 41.3 31.4 47.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF131000.D
Acq: 04 Nov 2022 20:19

Tgt Ion: 136 Resp: 256086
Ion Ratio Lower Upper
136 100
137 10.5 9.2 13.8
54 8.6 8.8 13.2#
68 5.3 5.2 7.8





#23

Nitrobenzene-d5

Concen: 113.208 ng

RT: 7.475 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF131000.D

Acq: 04 Nov 2022 20:19

Instrument :

BNA_F

ClientSampleId :

DEEP-WELL

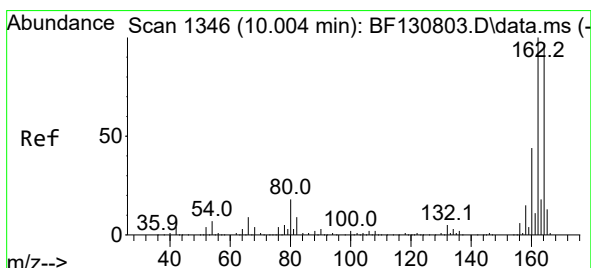
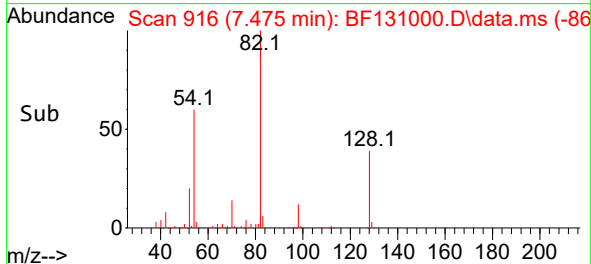
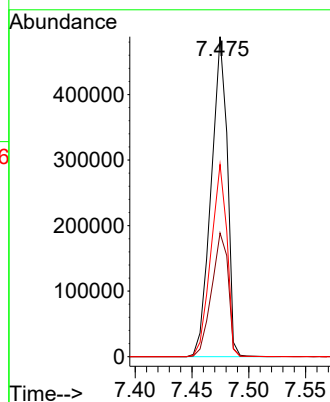
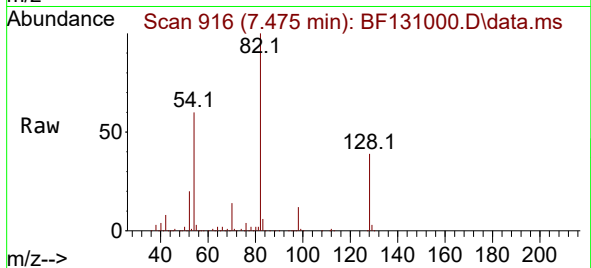
Tgt Ion: 82 Resp: 480787

Ion Ratio Lower Upper

82 100

128 38.7 31.2 46.8

54 60.1 48.0 72.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.957 min Scan# 1338

Delta R.T. -0.006 min

Lab File: BF131000.D

Acq: 04 Nov 2022 20:19

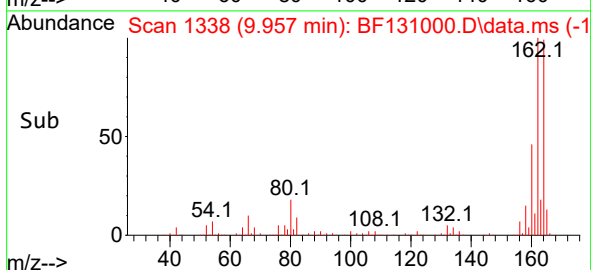
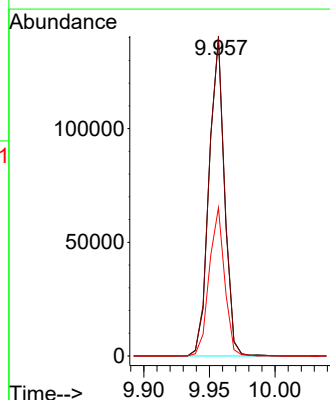
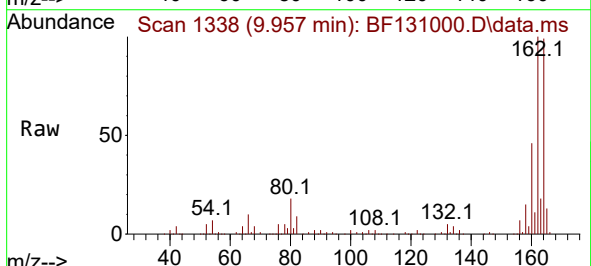
Tgt Ion:164 Resp: 114526

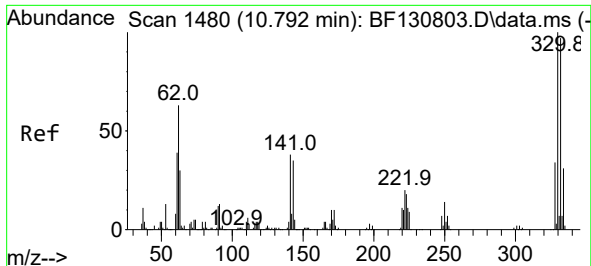
Ion Ratio Lower Upper

164 100

162 100.7 82.2 123.2

160 46.7 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 134.666 ng

RT: 10.751 min Scan# 1480

Delta R.T. -0.006 min

Lab File: BF131000.D

Acq: 04 Nov 2022 20:19

Instrument :

BNA_F

ClientSampleId :

DEEP-WELL

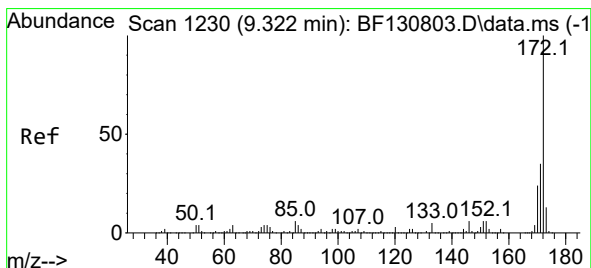
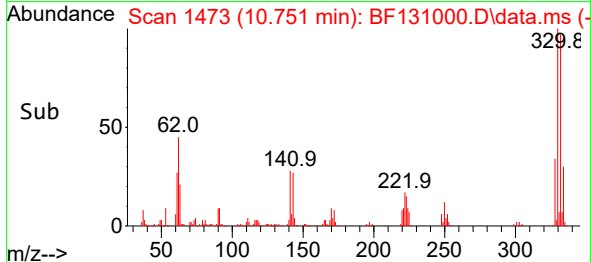
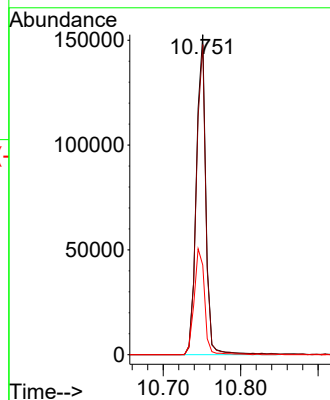
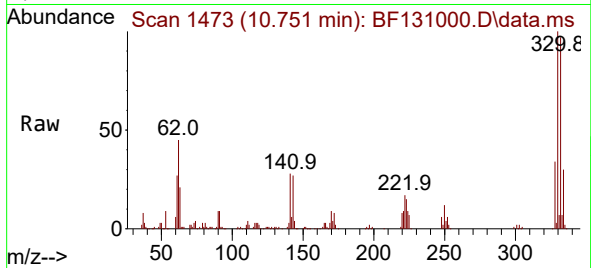
Tgt Ion:330 Resp: 129829

Ion Ratio Lower Upper

330 100

332 96.0 76.2 114.4

141 36.2 31.4 47.0



#45

2-Fluorobiphenyl

Concen: 93.628 ng

RT: 9.275 min Scan# 1222

Delta R.T. -0.006 min

Lab File: BF131000.D

Acq: 04 Nov 2022 20:19

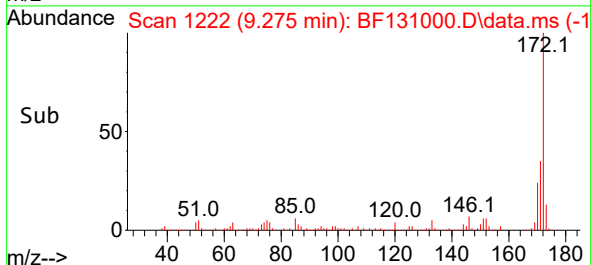
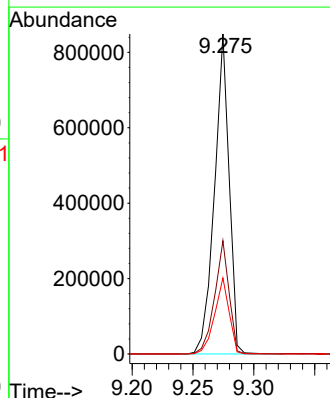
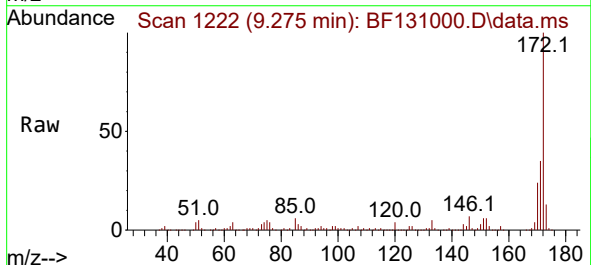
Tgt Ion:172 Resp: 709235

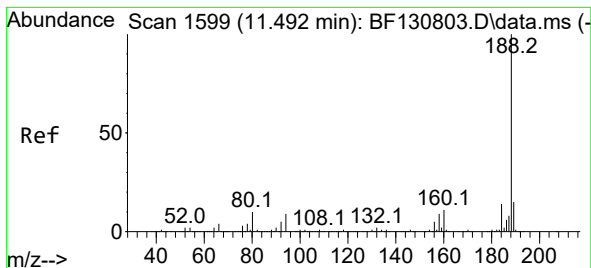
Ion Ratio Lower Upper

172 100

171 35.4 28.1 42.1

170 23.8 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.451 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131000.D

Acq: 04 Nov 2022 20:19

Instrument :

BNA_F

ClientSampleId :

DEEP-WELL

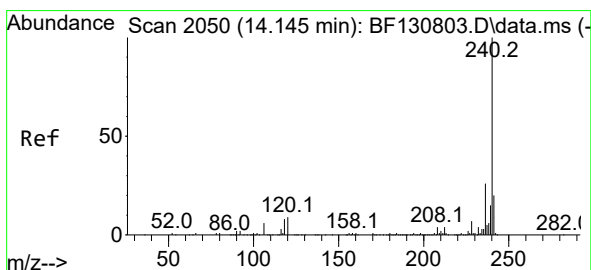
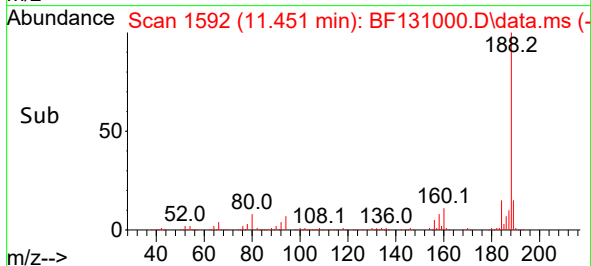
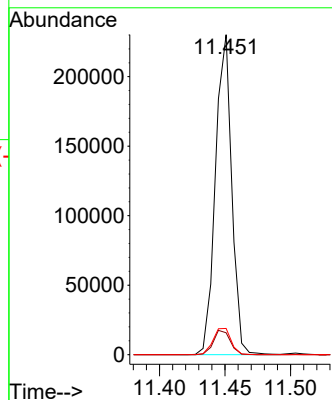
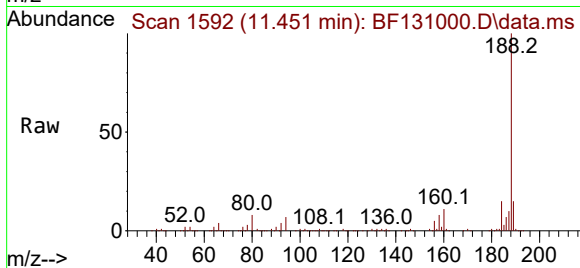
Tgt Ion:188 Resp: 198754

Ion Ratio Lower Upper

188 100

94 6.8 7.4 11.2#

80 8.2 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.098 min Scan# 2042

Delta R.T. -0.006 min

Lab File: BF131000.D

Acq: 04 Nov 2022 20:19

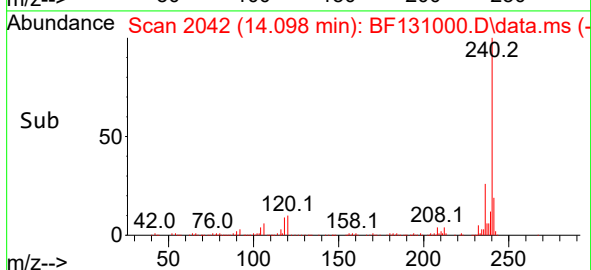
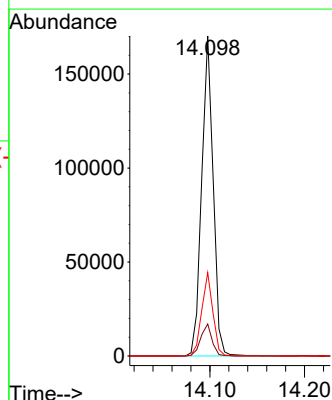
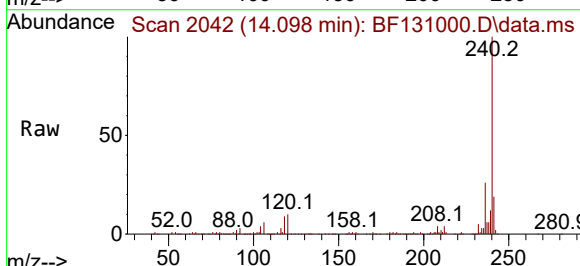
Tgt Ion:240 Resp: 143305

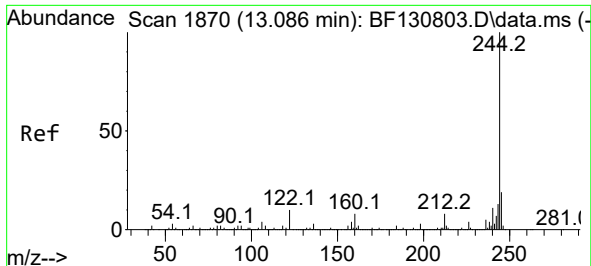
Ion Ratio Lower Upper

240 100

120 10.0 7.0 10.4

236 26.0 20.5 30.7

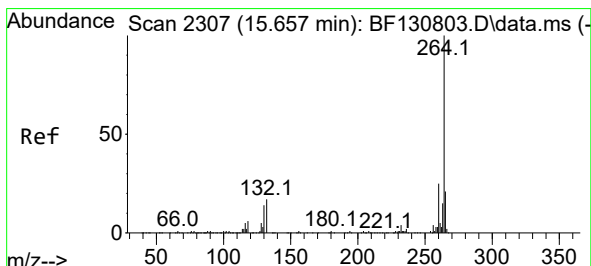
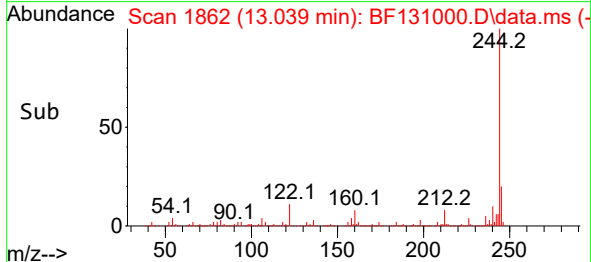
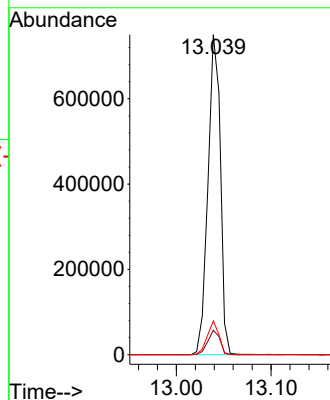
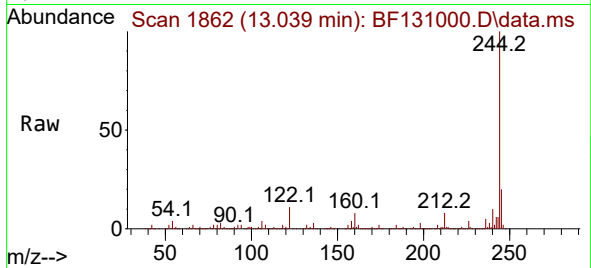




#79
 Terphenyl-d14
 Concen: 87.077 ng
 RT: 13.039 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF131000.D
 Acq: 04 Nov 2022 20:19

Instrument :
 BNA_F
 ClientSampleId :
 DEEP-WELL

Tgt Ion:244 Resp: 680975
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 10.5 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.604 min Scan# 2298
 Delta R.T. -0.006 min
 Lab File: BF131000.D
 Acq: 04 Nov 2022 20:19

Tgt Ion:264 Resp: 132708
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.9 29.9
 265 21.2 17.0 25.6

