

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111122\
 Data File : BF131149.D
 Acq On : 11 Nov 2022 11:54
 Operator : CG\JU
 Sample : N5534-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-3(OW)

Quant Time: Nov 11 14:41:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 04:15:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	61750	20.000	ng	-0.01
21) Naphthalene-d8	8.169	136	248933	20.000	ng	-0.01
39) Acenaphthene-d10	9.927	164	136267	20.000	ng	-0.01
64) Phenanthrene-d10	11.421	188	242938	20.000	ng	0.00
76) Chrysene-d12	14.068	240	133586	20.000	ng	-0.01
86) Perylene-d12	15.562	264	145428	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	120727	33.249	ng	0.00
7) Phenol-d6	6.504	99	87758	18.487	ng	-0.02
23) Nitrobenzene-d5	7.451	82	407652	73.887	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	104788	74.408	ng	-0.02
45) 2-Fluorobiphenyl	9.245	172	720010	73.761	ng	-0.01
79) Terphenyl-d14	13.010	244	594399	78.015	ng	0.00

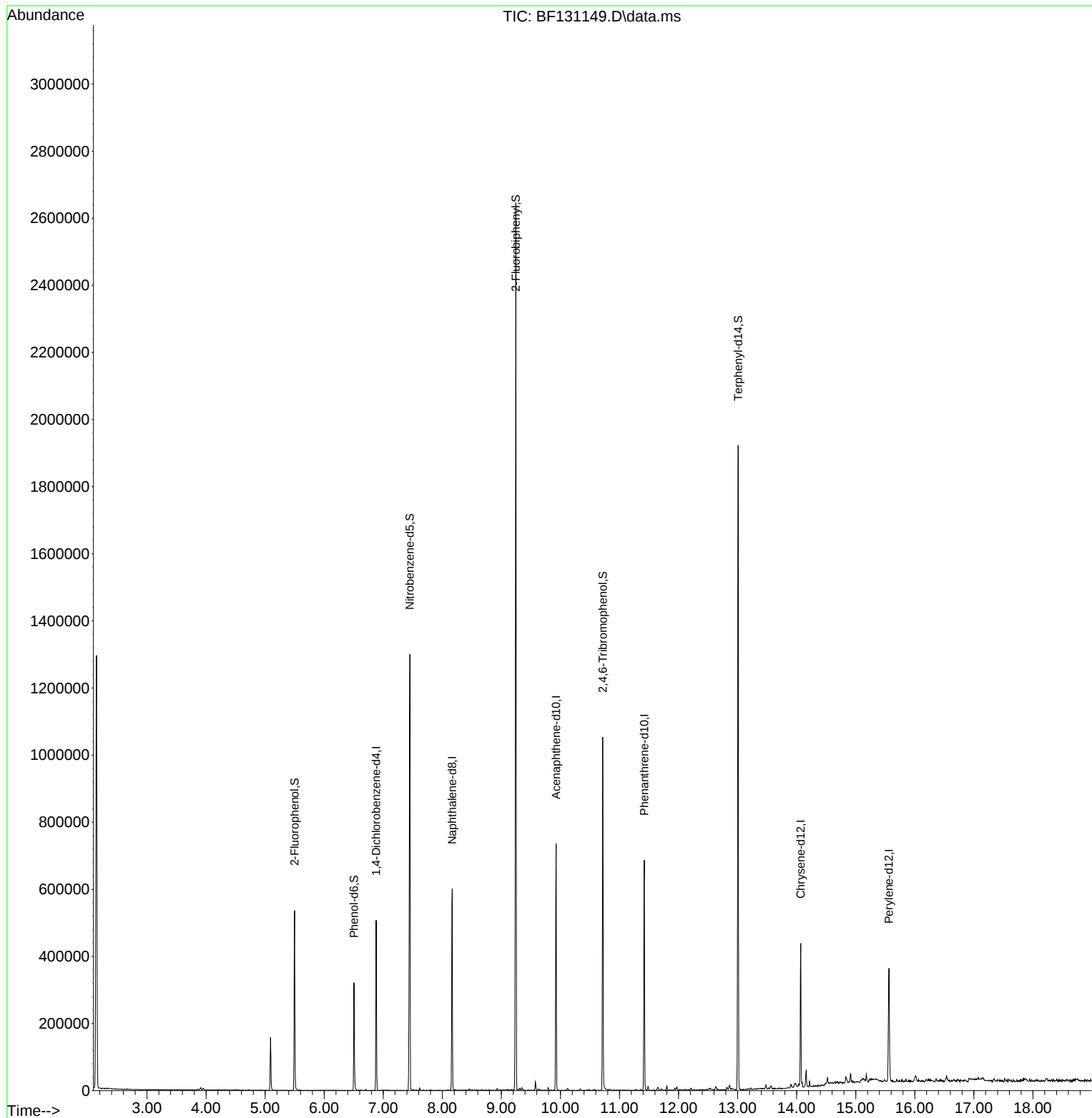
Target Compounds	Qvalue

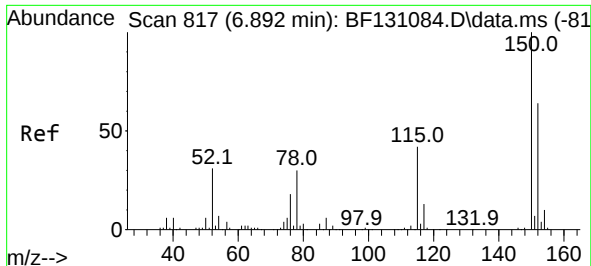
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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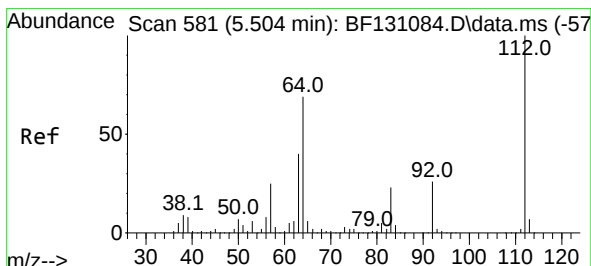
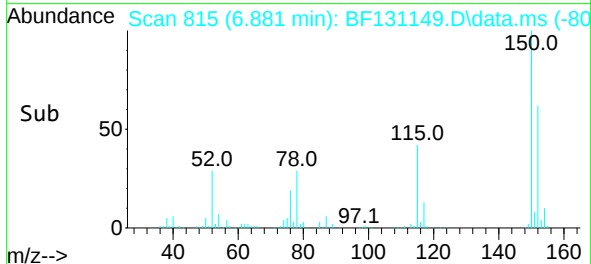
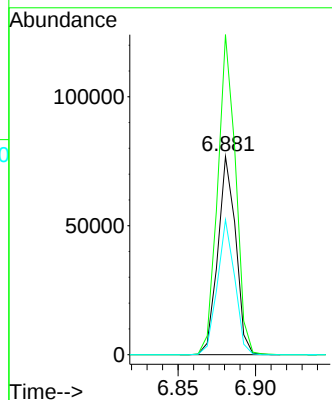
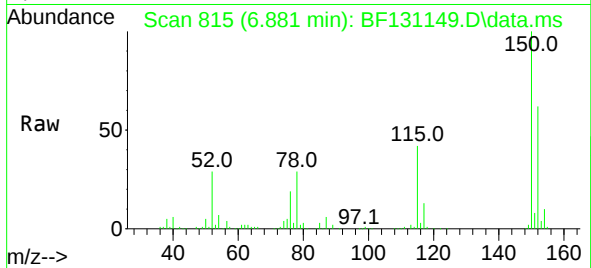




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.011 min
Lab File: BF131149.D
Acq: 11 Nov 2022 11:54

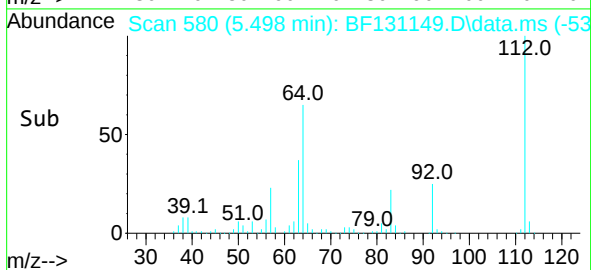
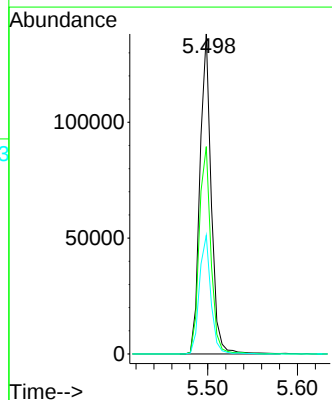
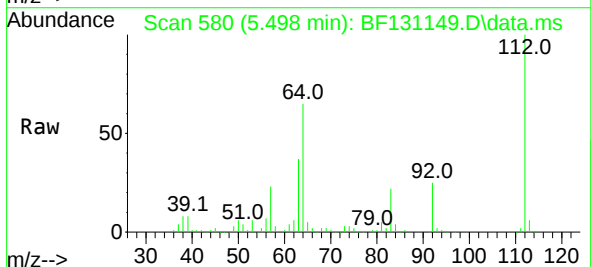
Instrument :
BNA_F
ClientSampleId :
B-3(OW)

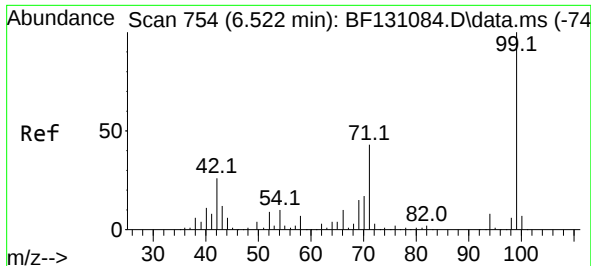
Tgt Ion:152 Resp: 61750
Ion Ratio Lower Upper
152 100
150 161.4 125.5 188.3
115 68.0 52.2 78.2



#5
2-Fluorophenol
Concen: 33.249 ng
RT: 5.498 min Scan# 580
Delta R.T. -0.006 min
Lab File: BF131149.D
Acq: 11 Nov 2022 11:54

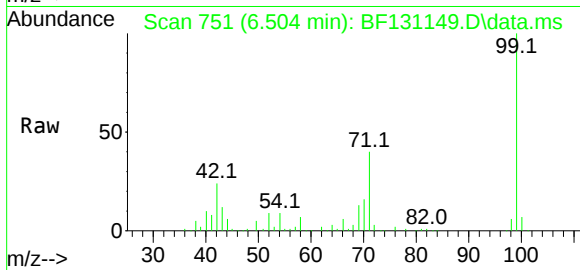
Tgt Ion:112 Resp: 120727
Ion Ratio Lower Upper
112 100
64 64.8 55.1 82.7
63 37.1 32.4 48.6



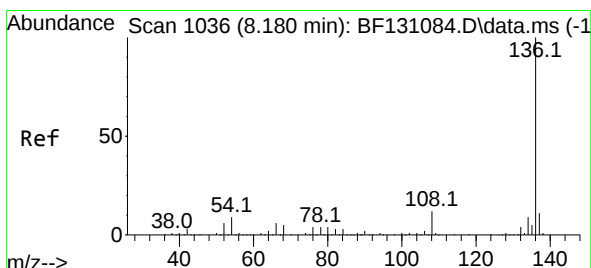
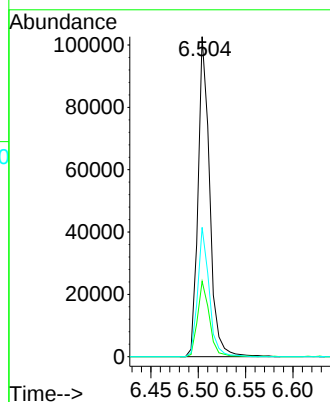
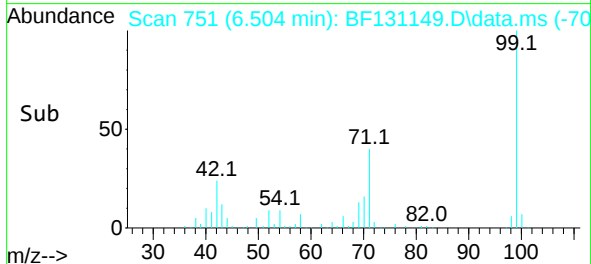


#7
Phenol-d6
Concen: 18.487 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF131149.D
Acq: 11 Nov 2022 11:54

Instrument :
BNA_F
ClientSampleId :
B-3(OW)

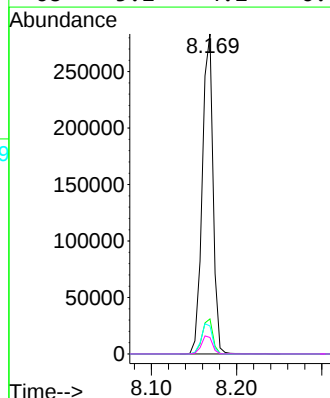
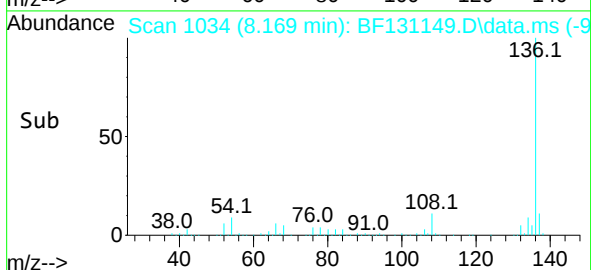
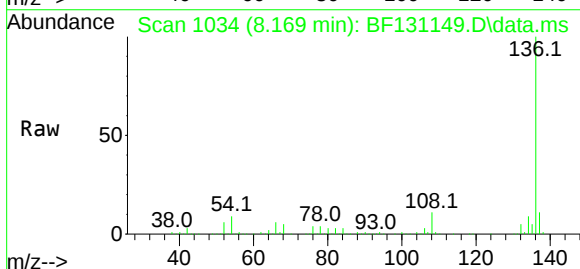


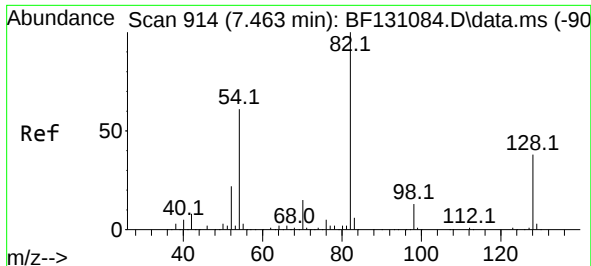
Tgt Ion: 99 Resp: 87758
Ion Ratio Lower Upper
99 100
42 23.6 20.8 31.2
71 40.4 34.2 51.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.011 min
Lab File: BF131149.D
Acq: 11 Nov 2022 11:54

Tgt Ion: 136 Resp: 248933
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 8.8 7.2 10.8
68 5.2 4.2 6.4





#23

Nitrobenzene-d5

Concen: 73.887 ng

RT: 7.451 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF131149.D

Acq: 11 Nov 2022 11:54

Instrument :

BNA_F

ClientSampleId :

B-3(OW)

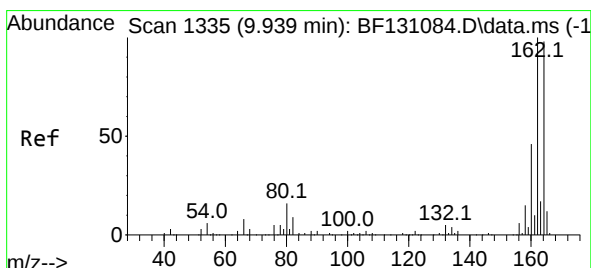
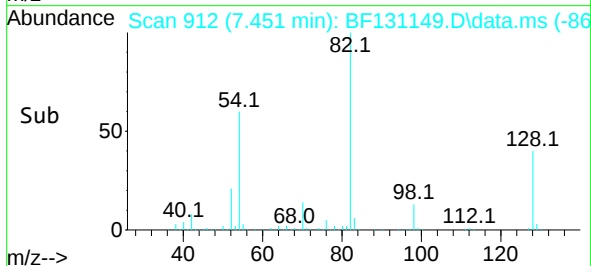
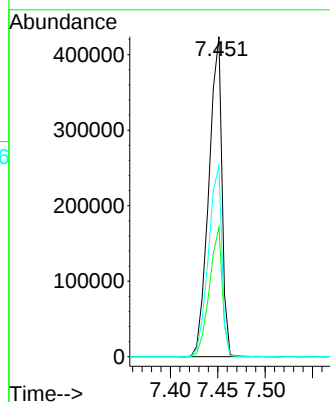
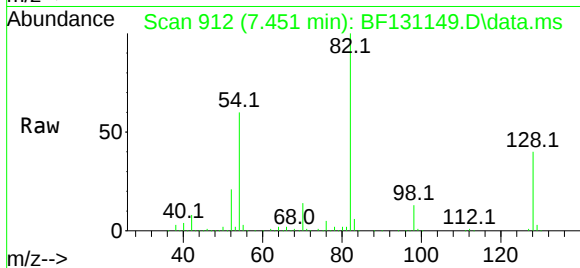
Tgt Ion: 82 Resp: 407652

Ion Ratio Lower Upper

82 100

128 40.4 30.5 45.7

54 59.7 49.1 73.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 1333

Delta R.T. -0.012 min

Lab File: BF131149.D

Acq: 11 Nov 2022 11:54

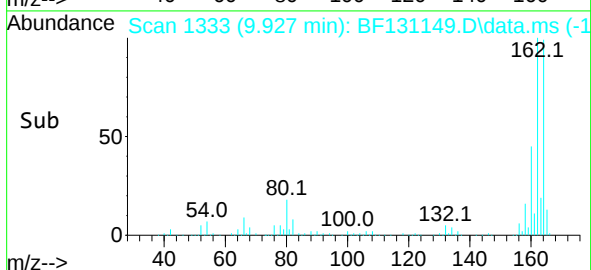
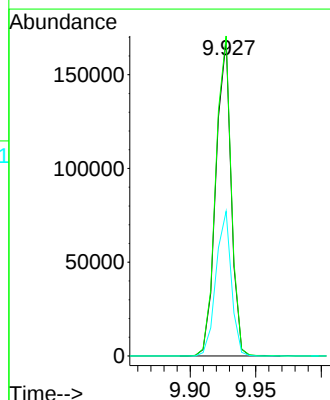
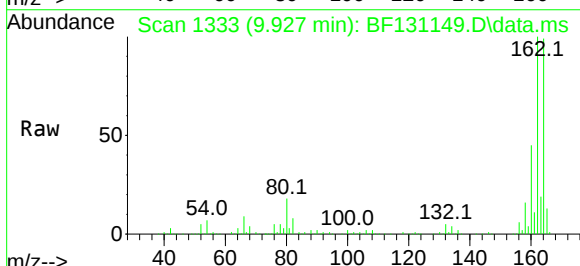
Tgt Ion:164 Resp: 136267

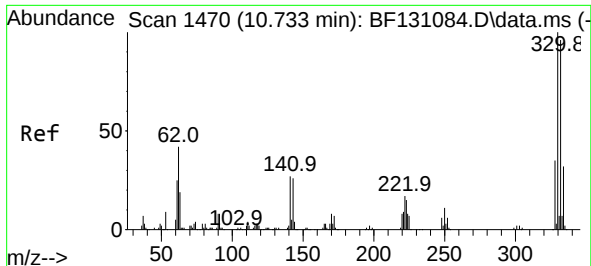
Ion Ratio Lower Upper

164 100

162 101.1 81.7 122.5

160 45.7 37.4 56.2





#42

2,4,6-Tribromophenol

Concen: 74.408 ng

RT: 10.716 min Scan# 1467

Delta R.T. -0.018 min

Lab File: BF131149.D

Acq: 11 Nov 2022 11:54

Instrument :

BNA_F

ClientSampleId :

B-3(OW)

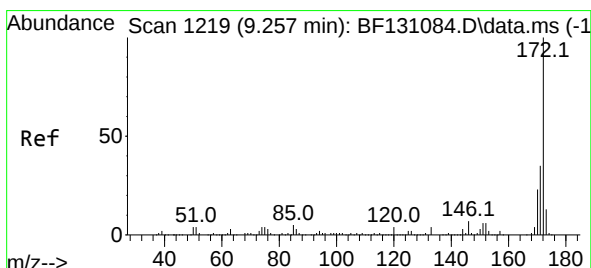
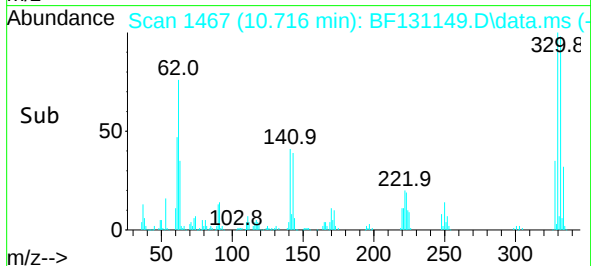
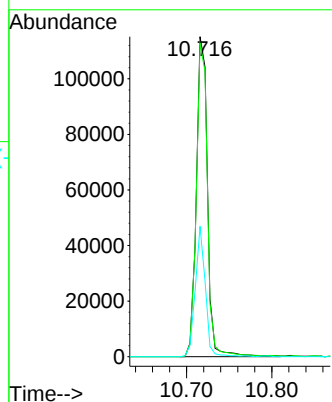
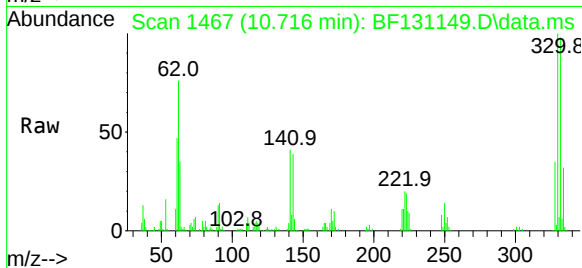
Tgt Ion:330 Resp: 104788

Ion Ratio Lower Upper

330 100

332 97.7 77.0 115.4

141 36.7 28.5 42.7



#45

2-Fluorobiphenyl

Concen: 73.761 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.012 min

Lab File: BF131149.D

Acq: 11 Nov 2022 11:54

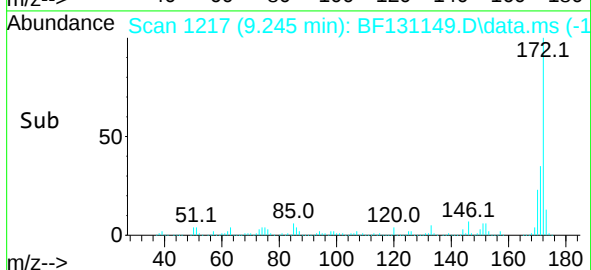
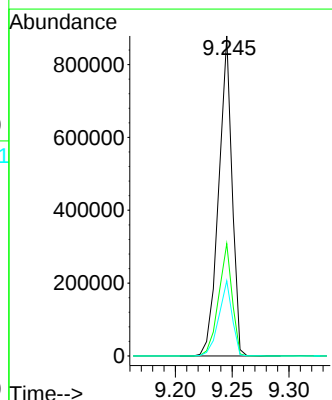
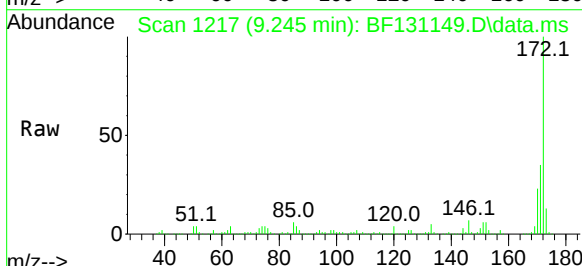
Tgt Ion:172 Resp: 720010

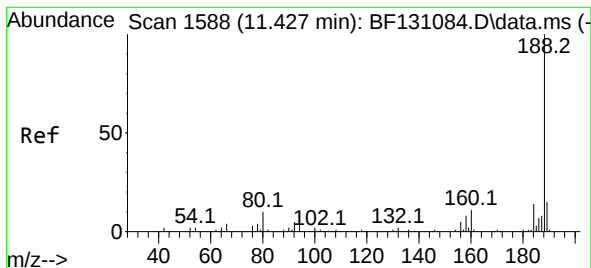
Ion Ratio Lower Upper

172 100

171 35.1 27.7 41.5

170 23.5 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.421 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131149.D

Acq: 11 Nov 2022 11:54

Instrument :

BNA_F

ClientSampleId :

B-3(OW)

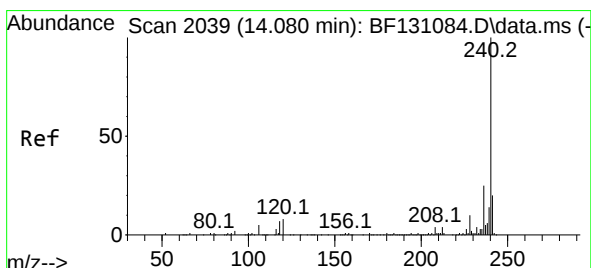
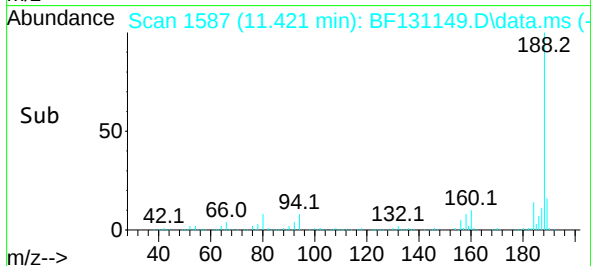
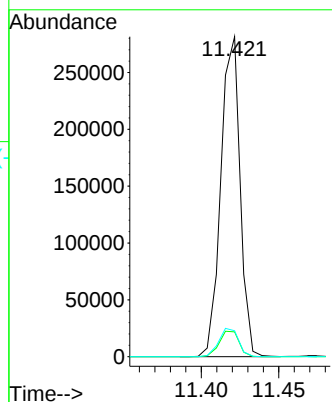
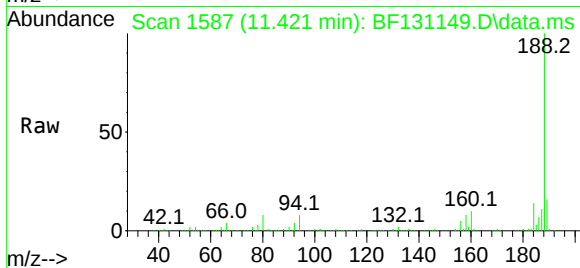
Tgt Ion:188 Resp: 242938

Ion Ratio Lower Upper

188 100

94 7.8 7.0 10.6

80 8.1 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 2037

Delta R.T. -0.012 min

Lab File: BF131149.D

Acq: 11 Nov 2022 11:54

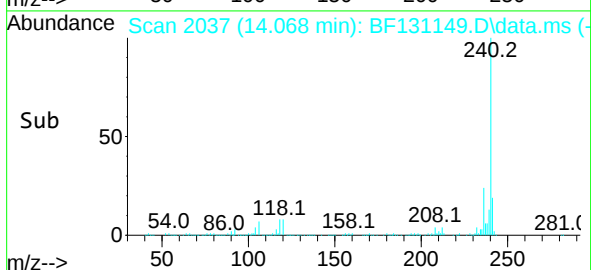
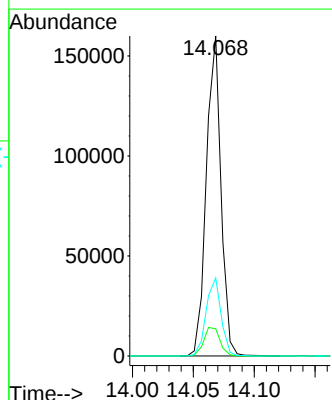
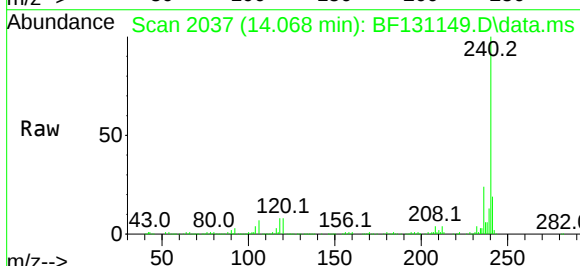
Tgt Ion:240 Resp: 133586

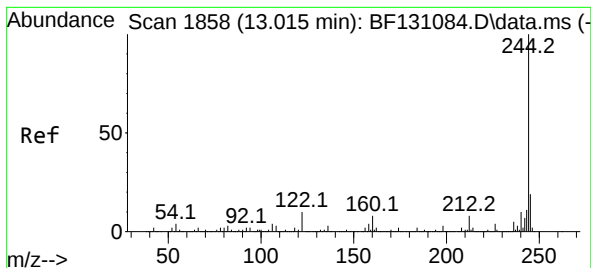
Ion Ratio Lower Upper

240 100

120 8.5 6.5 9.7

236 24.4 19.7 29.5





#79

Terphenyl-d14

Concen: 78.015 ng

RT: 13.010 min Scan# 11

Delta R.T. -0.005 min

Lab File: BF131149.D

Acq: 11 Nov 2022 11:54

Instrument :

BNA_F

ClientSampleId :

B-3(OW)

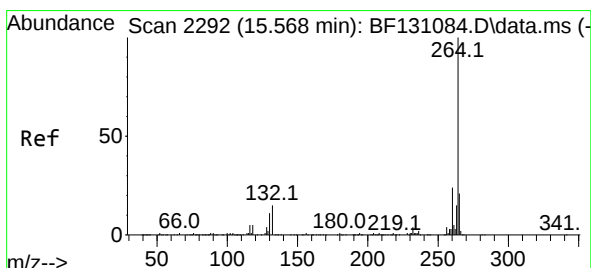
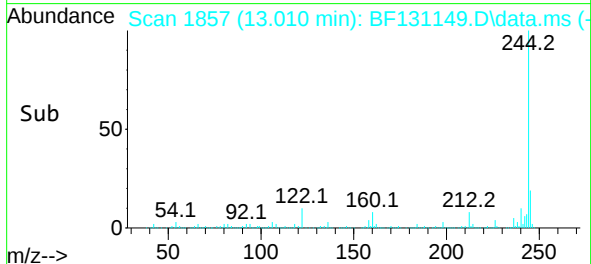
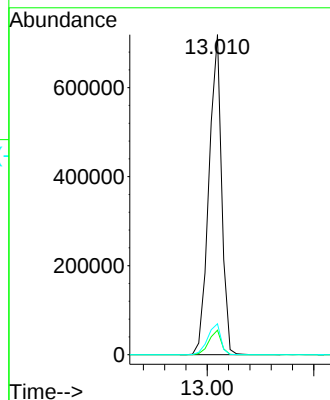
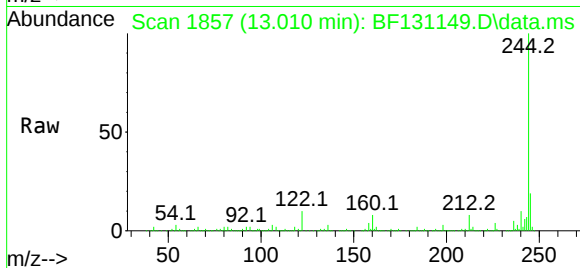
Tgt Ion:244 Resp: 594399

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

122 9.6 7.8 11.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2291

Delta R.T. -0.006 min

Lab File: BF131149.D

Acq: 11 Nov 2022 11:54

Tgt Ion:264 Resp: 145428

Ion Ratio Lower Upper

264 100

260 23.0 19.1 28.7

265 21.1 16.7 25.1

