

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102522\
 Data File : BF130769.D
 Acq On : 25 Oct 2022 14:26
 Operator : CG\JU
 Sample : N5189-01DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1431-1DL

Quant Time: Oct 25 15:08:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 06:12:36 2022
 Response via : Initial Calibration

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

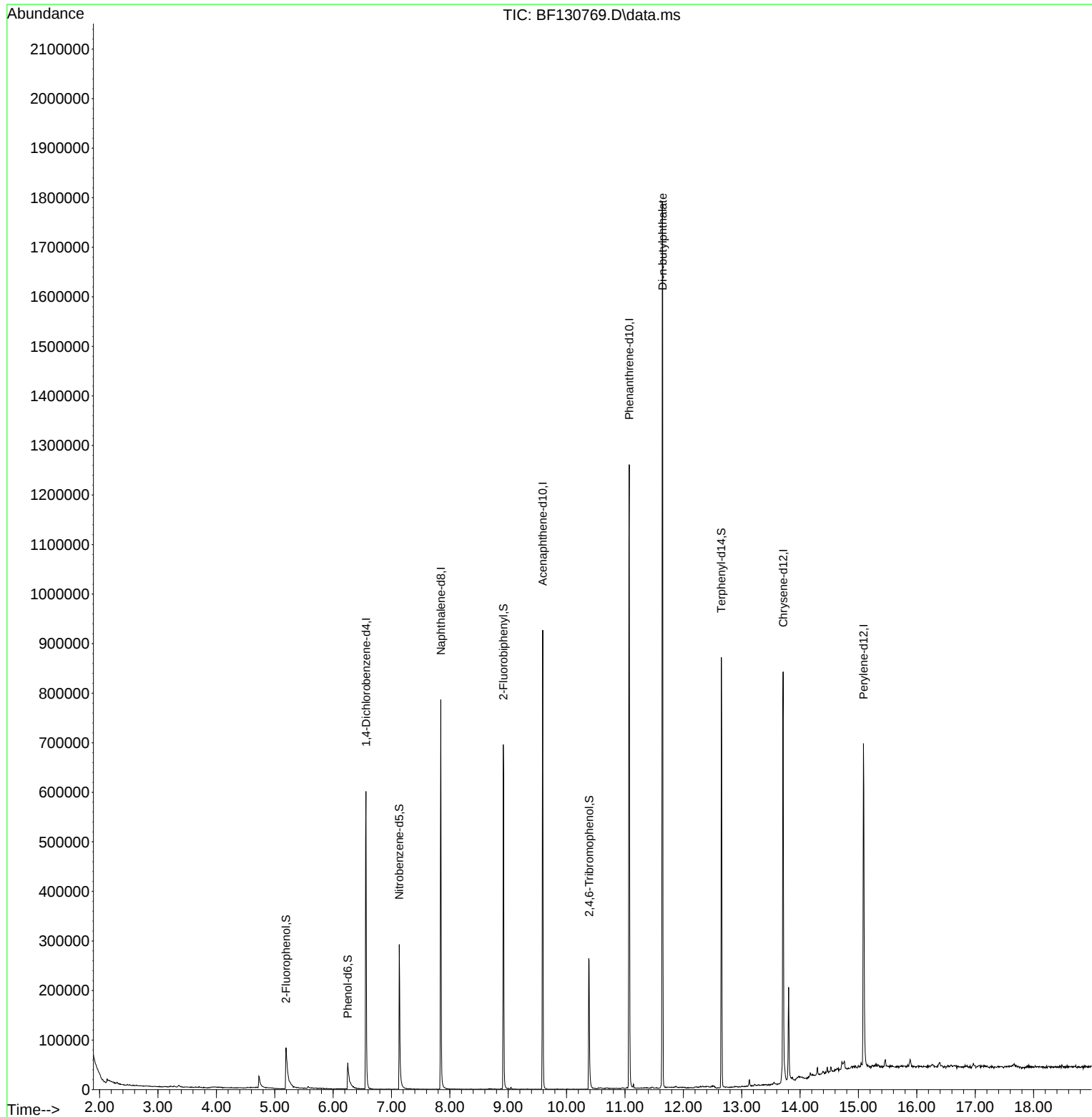
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.563	152	99405	20.000	ng	0.00
21) Naphthalene-d8	7.845	136	337471	20.000	ng	0.00
39) Acenaphthene-d10	9.592	164	179646	20.000	ng	0.00
64) Phenanthrene-d10	11.075	188	473019	20.000	ng	0.00
76) Chrysene-d12	13.710	240	291245	20.000	ng	0.00
86) Perylene-d12	15.086	264	271090	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.193	112	62325	10.812	ng	0.03
7) Phenol-d6	6.251	99	46430	6.657	ng	0.03
23) Nitrobenzene-d5	7.134	82	107589	16.912	ng	0.00
42) 2,4,6-Tribromophenol	10.386	330	40259	23.565	ng	0.00
45) 2-Fluorobiphenyl	8.916	172	222044	18.836	ng	-0.01
79) Terphenyl-d14	12.651	244	275404	15.935	ng	0.00
Target Compounds						
74) Di-n-butylphthalate	11.645	149	929239	31.613	ng	Qvalue 100

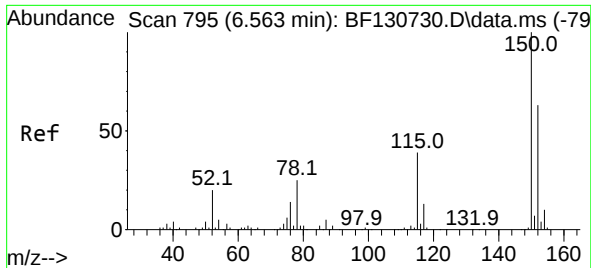
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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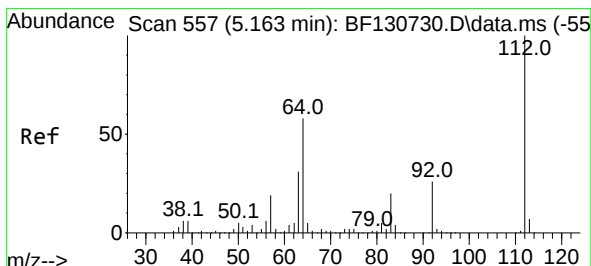
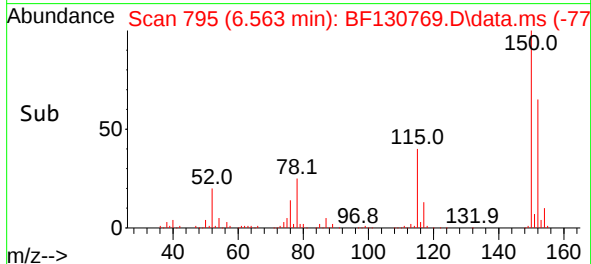
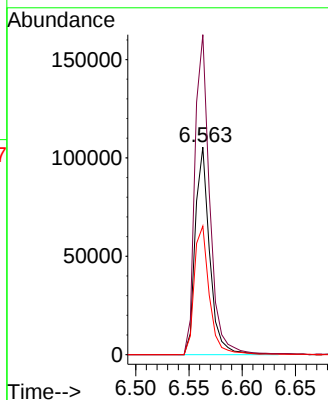
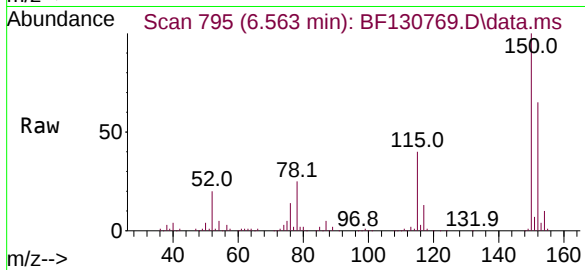




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.563 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF130769.D
Acq: 25 Oct 2022 14:26

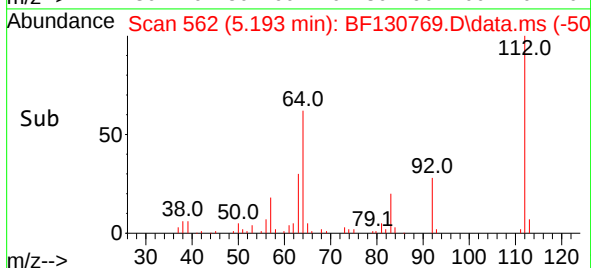
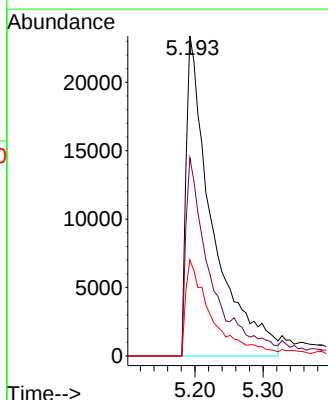
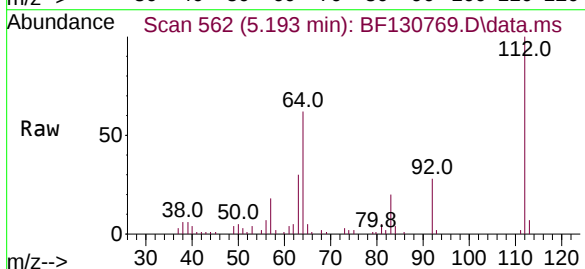
Instrument :
BNA_F
ClientSampleId :
1431-1DL

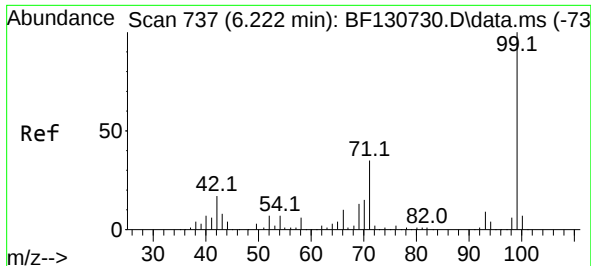
Tgt Ion:152 Resp: 99405
Ion Ratio Lower Upper
152 100
150 154.3 127.0 190.6
115 62.0 49.9 74.9



#5
2-Fluorophenol
Concen: 10.812 ng
RT: 5.193 min Scan# 562
Delta R.T. 0.030 min
Lab File: BF130769.D
Acq: 25 Oct 2022 14:26

Tgt Ion:112 Resp: 62325
Ion Ratio Lower Upper
112 100
64 61.9 46.2 69.4
63 30.0 25.1 37.7

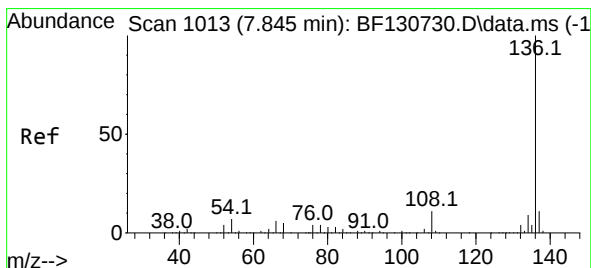
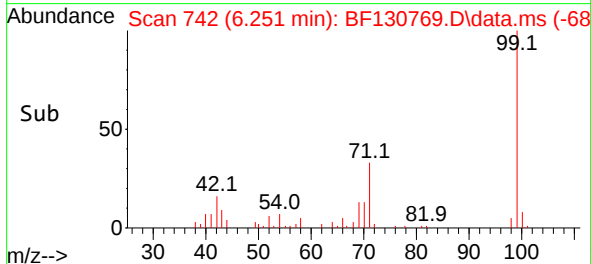
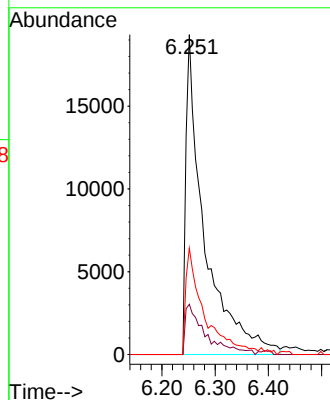
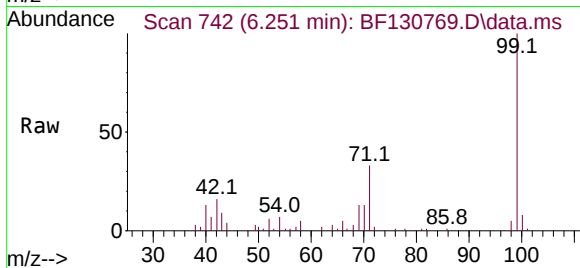




#7
Phenol-d6
Concen: 6.657 ng
RT: 6.251 min Scan# 74
Delta R.T. 0.029 min
Lab File: BF130769.D
Acq: 25 Oct 2022 14:26

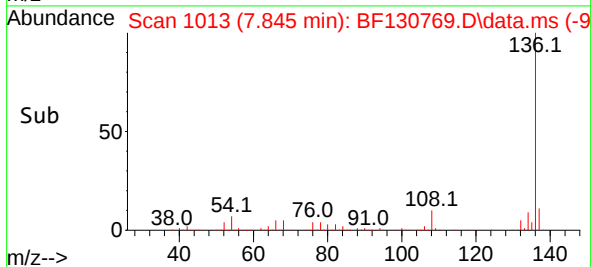
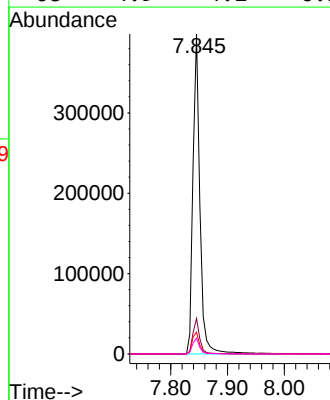
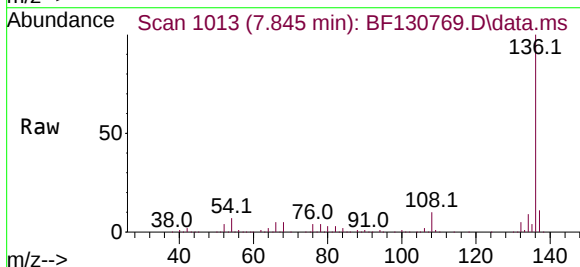
Instrument :
BNA_F
ClientSampleId :
1431-1DL

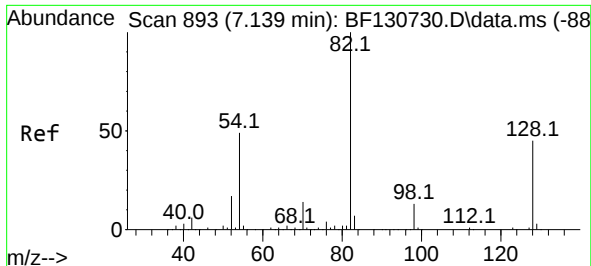
Tgt Ion: 99 Resp: 46430
Ion Ratio Lower Upper
99 100
42 15.7 13.8 20.8
71 33.3 28.3 42.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.845 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF130769.D
Acq: 25 Oct 2022 14:26

Tgt Ion: 136 Resp: 337471
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 6.8 5.8 8.8
68 4.9 4.2 6.2





#23

Nitrobenzene-d5

Concen: 16.912 ng

RT: 7.134 min Scan# 89

Delta R.T. -0.005 min

Lab File: BF130769.D

Acq: 25 Oct 2022 14:26

Instrument :

BNA_F

ClientSampleId :

1431-1DL

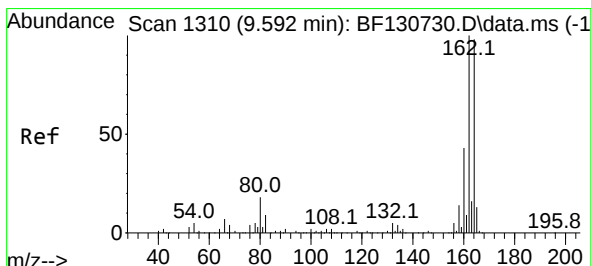
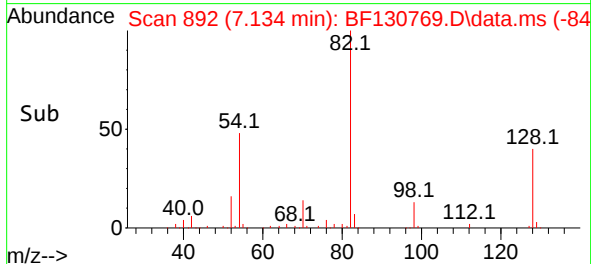
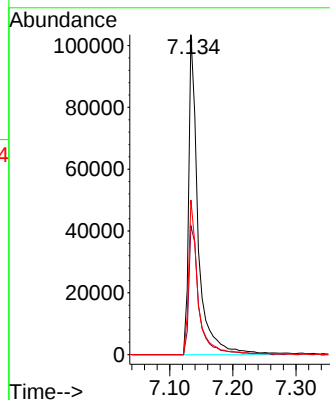
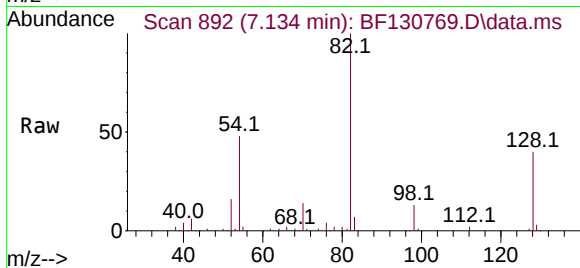
Tgt Ion: 82 Resp: 107589

Ion Ratio Lower Upper

82 100

128 40.2 35.9 53.9

54 48.3 39.2 58.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.592 min Scan# 1310

Delta R.T. 0.000 min

Lab File: BF130769.D

Acq: 25 Oct 2022 14:26

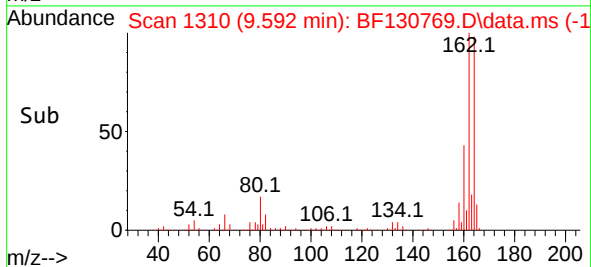
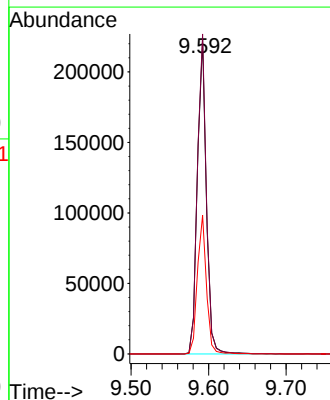
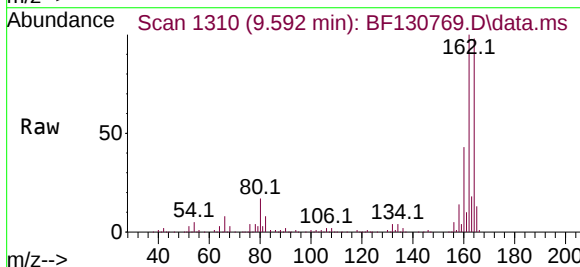
Tgt Ion:164 Resp: 179646

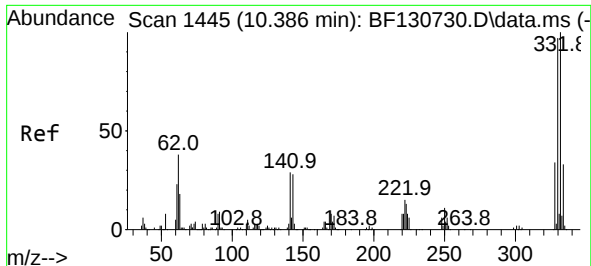
Ion Ratio Lower Upper

164 100

162 102.0 81.4 122.0

160 44.2 35.0 52.4





#42

2,4,6-Tribromophenol

Concen: 23.565 ng

RT: 10.386 min Scan# 1445

Delta R.T. 0.000 min

Lab File: BF130769.D

Acq: 25 Oct 2022 14:26

Instrument :

BNA_F

ClientSampleId :

1431-1DL

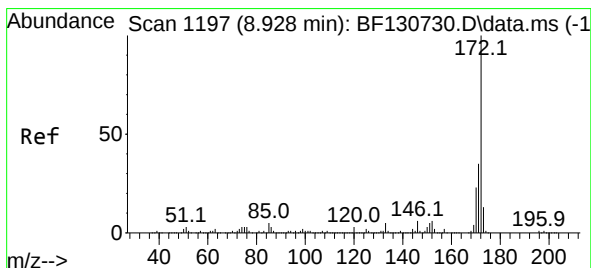
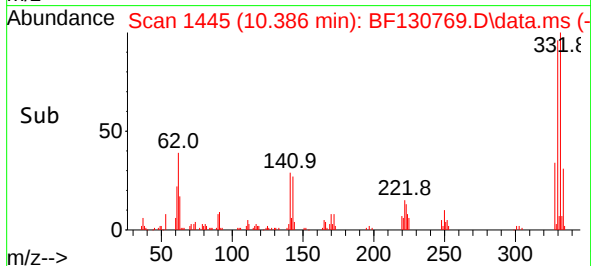
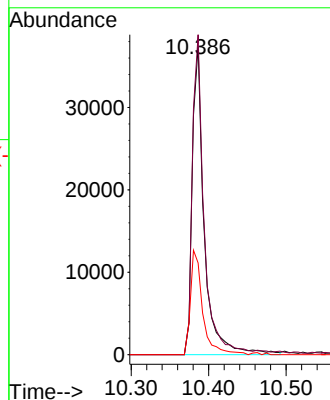
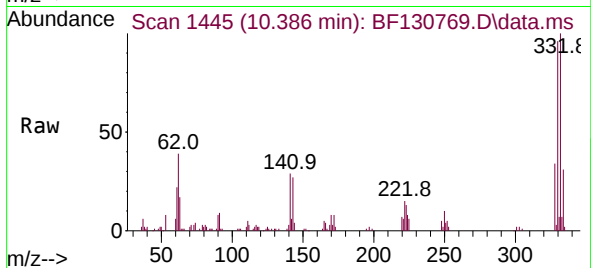
Tgt Ion:330 Resp: 40259

Ion Ratio Lower Upper

330 100

332 101.2 81.4 122.2

141 34.4 24.6 37.0



#45

2-Fluorobiphenyl

Concen: 18.836 ng

RT: 8.916 min Scan# 1195

Delta R.T. -0.012 min

Lab File: BF130769.D

Acq: 25 Oct 2022 14:26

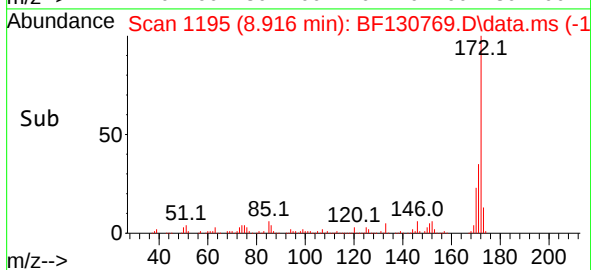
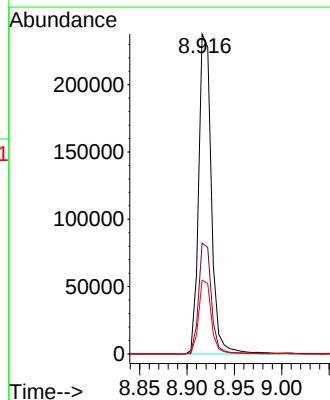
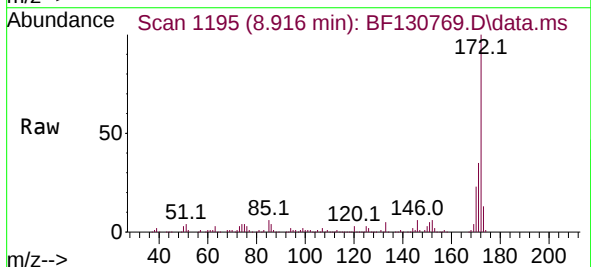
Tgt Ion:172 Resp: 222044

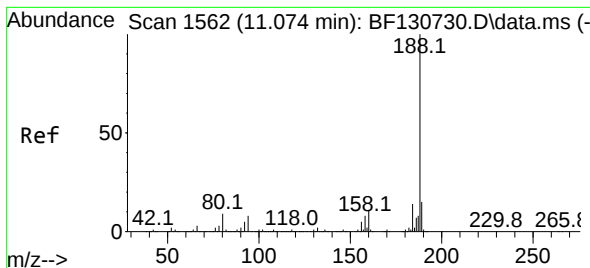
Ion Ratio Lower Upper

172 100

171 34.6 28.2 42.2

170 23.0 18.5 27.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.075 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF130769.D

Acq: 25 Oct 2022 14:26

Instrument :

BNA_F

ClientSampleId :

1431-1DL

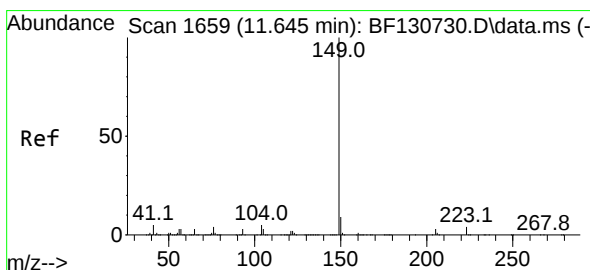
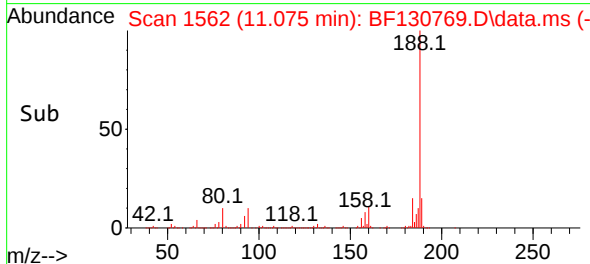
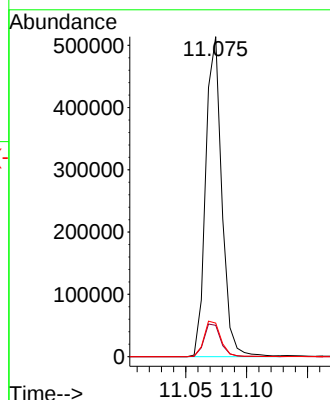
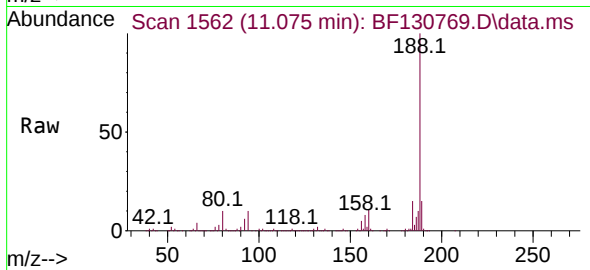
Tgt Ion:188 Resp: 473019

Ion Ratio Lower Upper

188 100

94 9.8 6.7 10.1

80 10.5 7.4 11.0



#74

Di-n-butylphthalate

Concen: 31.613 ng

RT: 11.645 min Scan# 1659

Delta R.T. 0.000 min

Lab File: BF130769.D

Acq: 25 Oct 2022 14:26

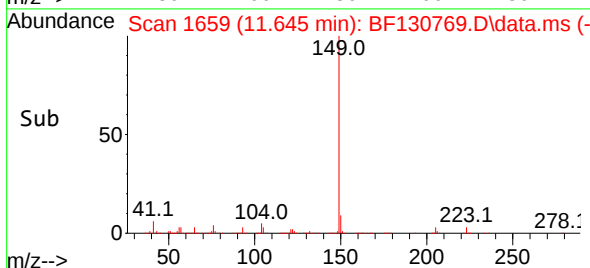
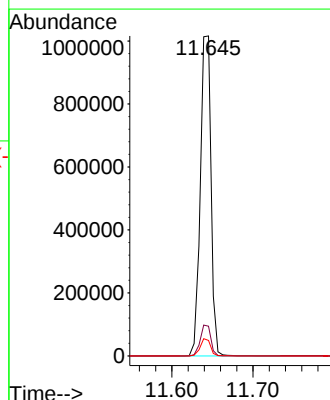
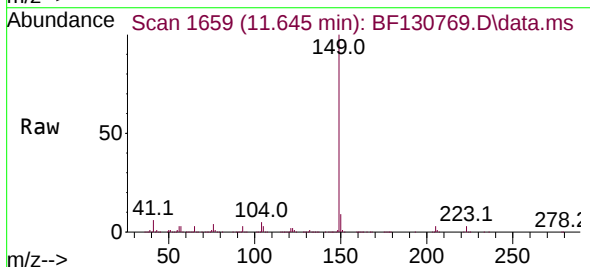
Tgt Ion:149 Resp: 929239

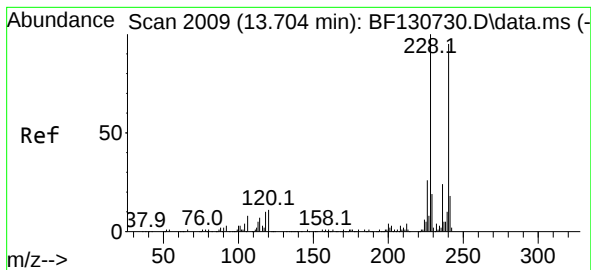
Ion Ratio Lower Upper

149 100

150 9.3 7.2 10.8

104 4.8 3.8 5.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.710 min Scan# 2009

Delta R.T. 0.006 min

Lab File: BF130769.D

Acq: 25 Oct 2022 14:26

Instrument :

BNA_F

ClientSampleId :

1431-1DL

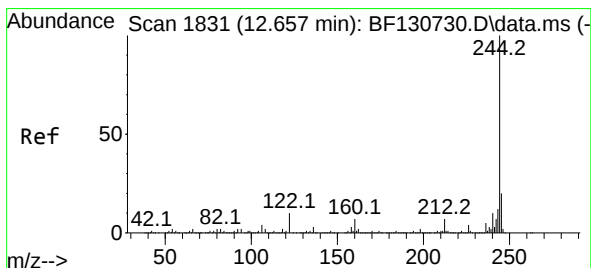
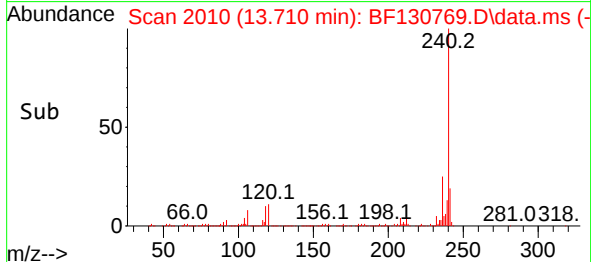
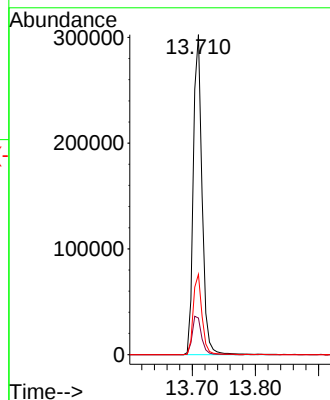
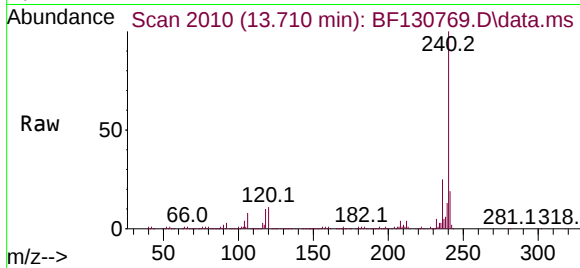
Tgt Ion:240 Resp: 291245

Ion Ratio Lower Upper

240 100

120 11.4 9.6 14.4

236 25.1 20.2 30.2



#79

Terphenyl-d14

Concen: 15.935 ng

RT: 12.651 min Scan# 1830

Delta R.T. -0.006 min

Lab File: BF130769.D

Acq: 25 Oct 2022 14:26

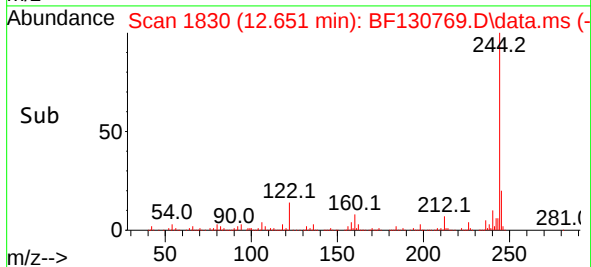
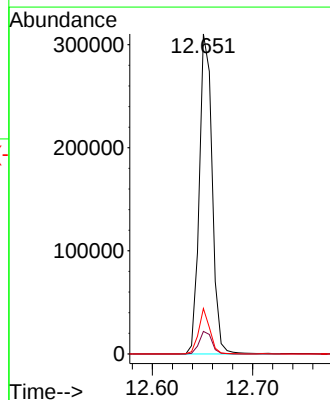
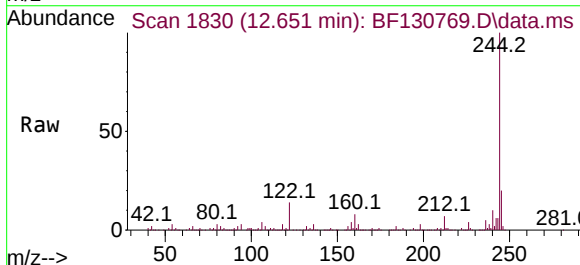
Tgt Ion:244 Resp: 275404

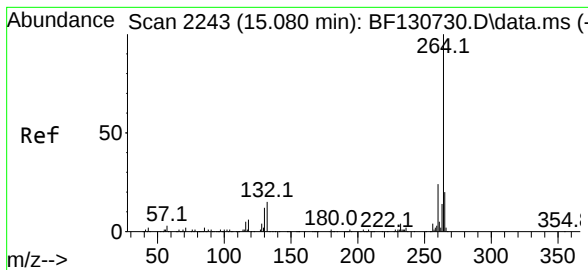
Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

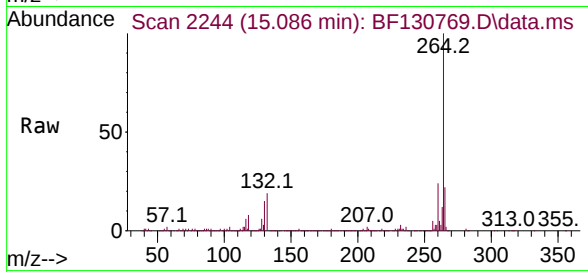
122 14.2 8.2 12.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.086 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF130769.D
 Acq: 25 Oct 2022 14:26

Instrument :
 BNA_F
 ClientSampleId :
 1431-1DL



Tgt Ion:264 Resp: 271090

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	21.9	16.2	24.4

